STATE IVERSITY OF NEW YORK

PECULA 1993

STATE UNIVERSITY AT STONY BROOK

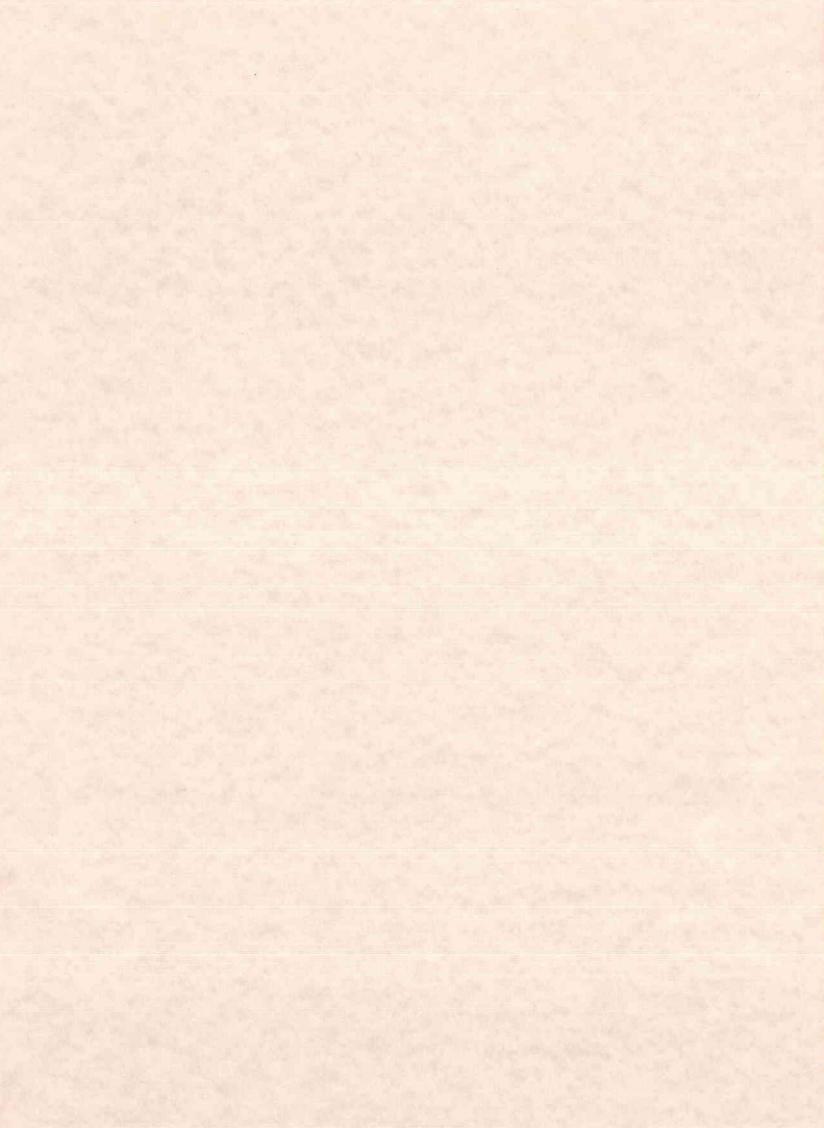
VOL.



## STONY BROOK

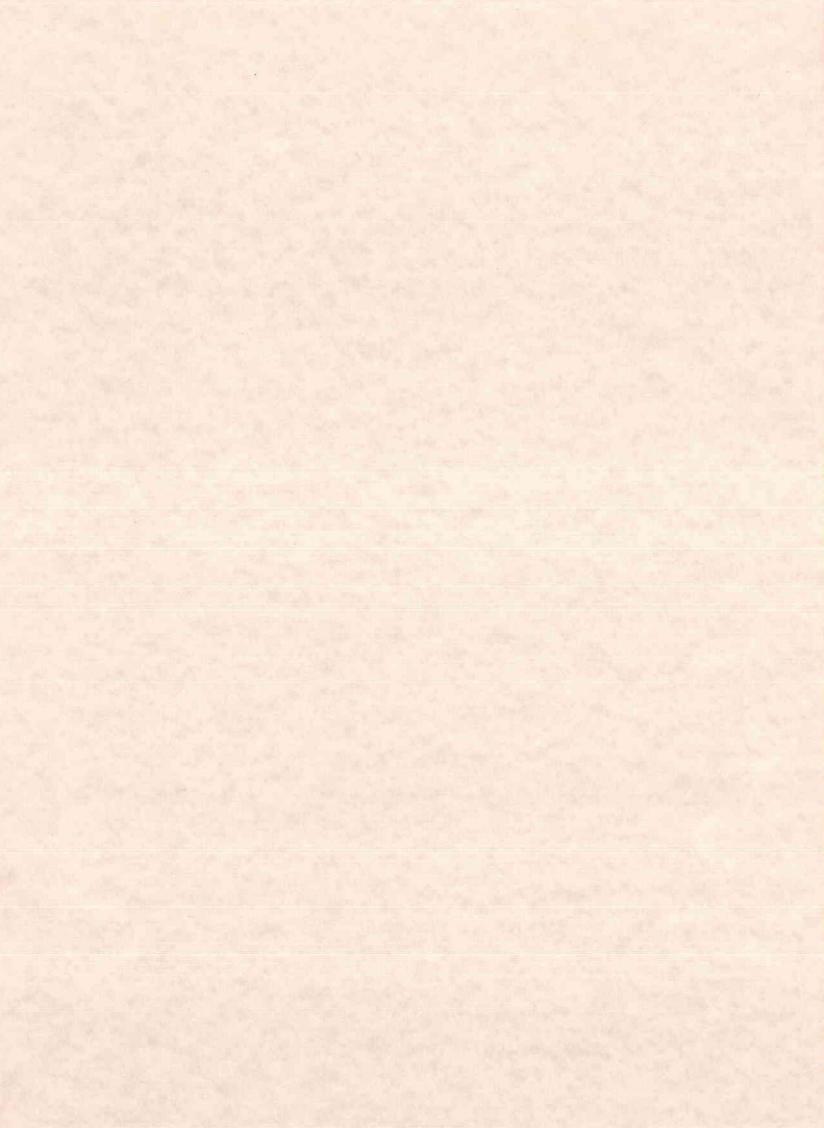
STATE UNIVERSITY OF NEW YORK

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1993



## SPECULA 1993



State University Of New York
At
Stony Brook



Stony Brook was established little more than three decades ago as New York's State University Center for the downstate area. Today the State University of New York at Stony Brook is recognized as one of the nation's finest universities. For the students who attend classes here and the faculty who teach here, the campus is an integral part of every day. The campus is located about sixty miles east of Manhattan on the wooded north shore of Long Island.

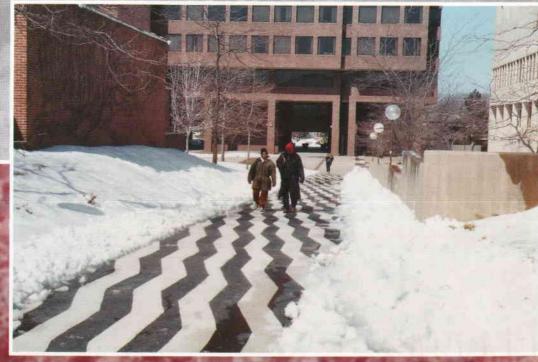
At Stony Brook, learning takes place outside as well as inside the various classrooms and lecture halls. We have one hundred student clubs and organizations and that figure is expanding. All activities play a role in the learning and growing experience that Stony Brook University offers.

This yearbook is designed to give you an insight into our world.

About 60 percent of Stony Brook undergraduate students live on campus. The residence halls are organized as small residential colleges in order to foster social, intellectual, and cultural interaction. Although governance and activities vary from college to college, students within each living unit are encouraged to participate in all aspects of residential life, including intramural athletics. College Legislature, activities, and workshops. The professional residential staff, assisted by a staff of undergraduates who live and work in the residence halls, helps students plan collegiate activities. Residents, student assistants and professional staff members work out the policies and rules that protect residents' rights and make clear what their responsibilities are. Social and educational activities sponsored by the governing body in each residence hall and the Residence life staff add to the liveliness of on-campus living.







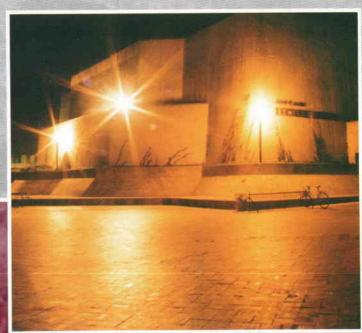










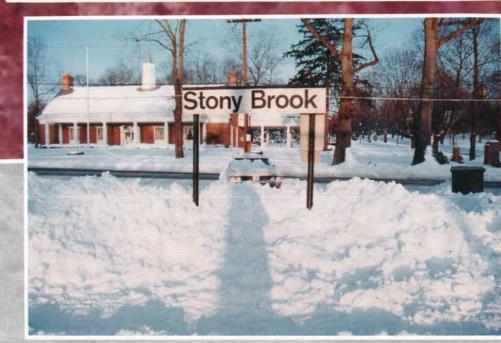


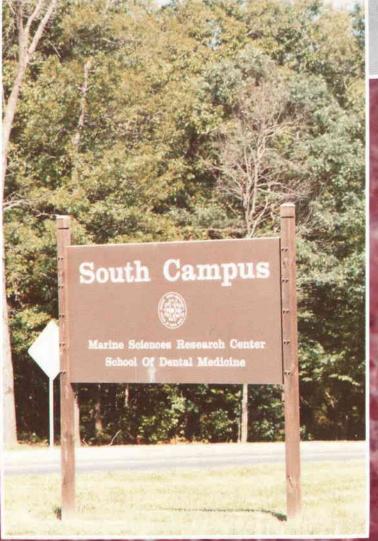




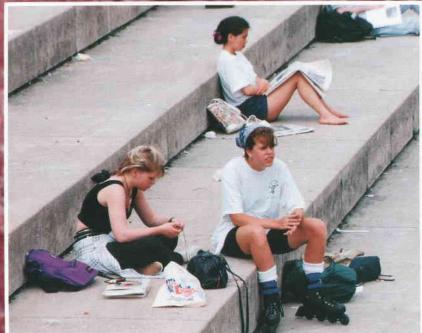






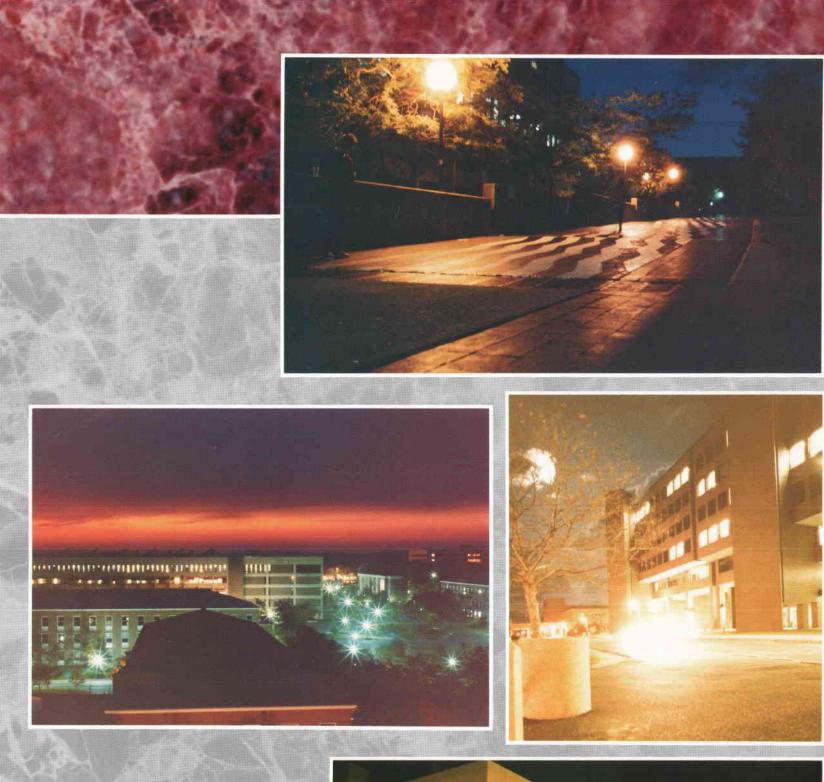




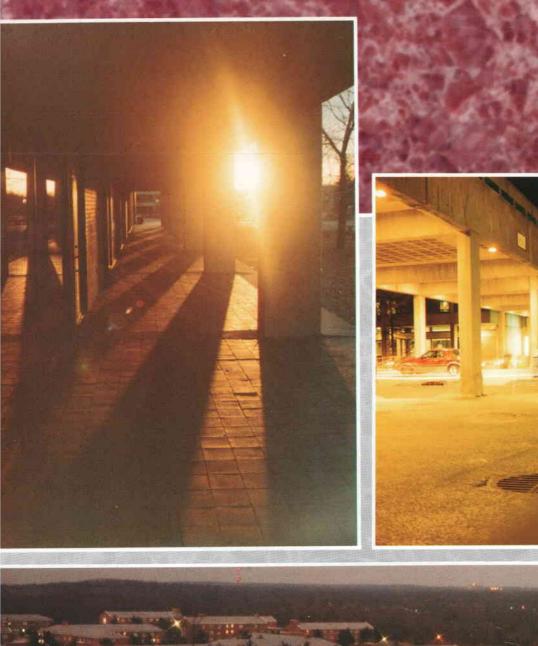


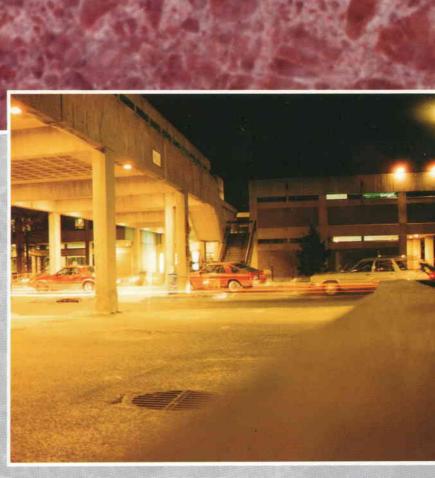














## Roth Quad Regatta '93









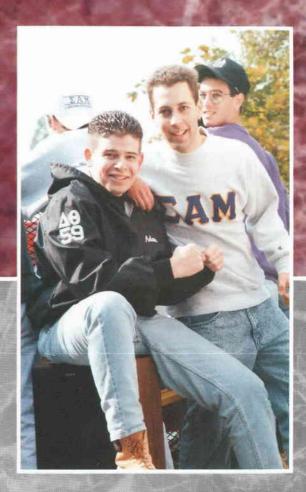


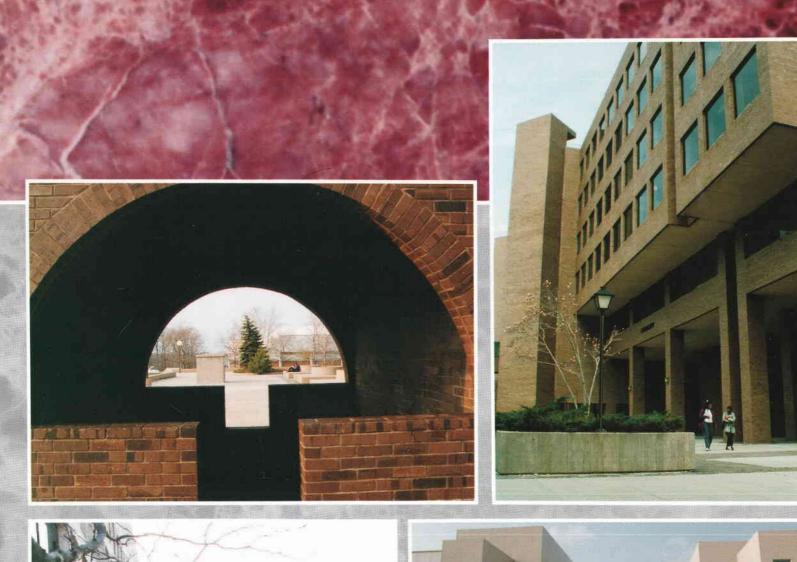






















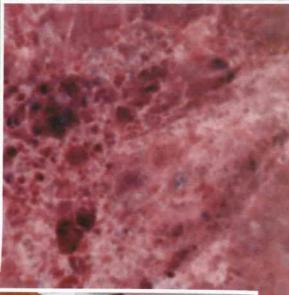






















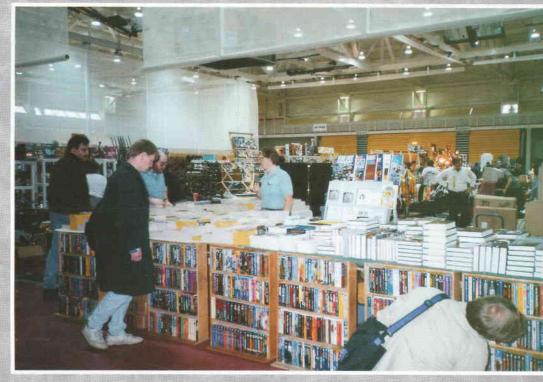










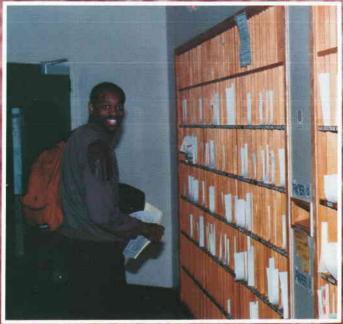








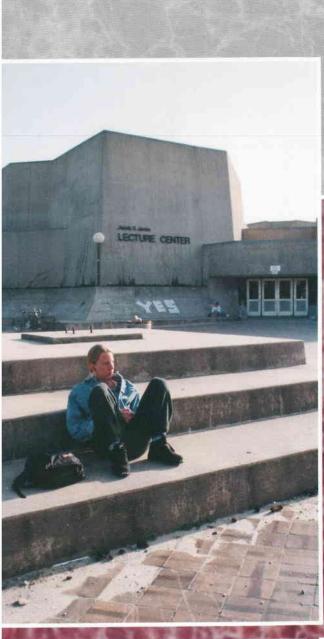






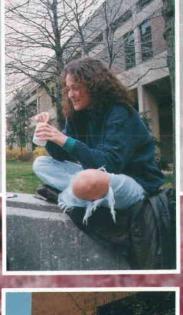










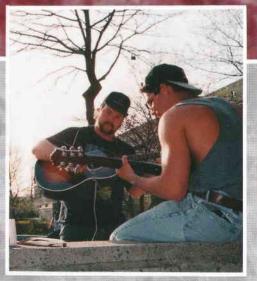


































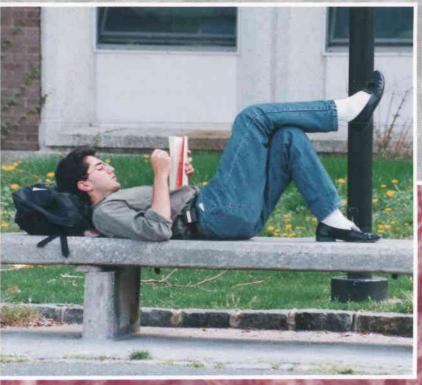












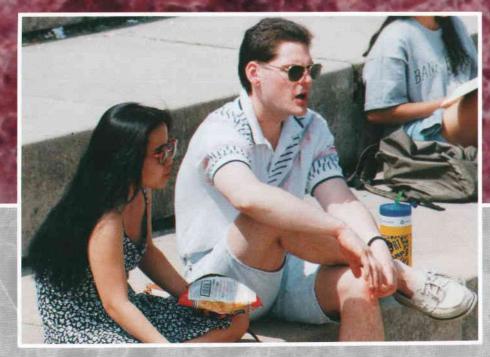


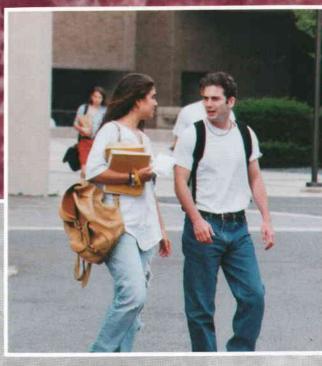




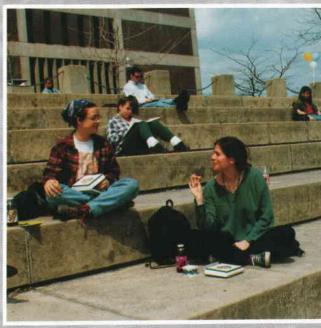
















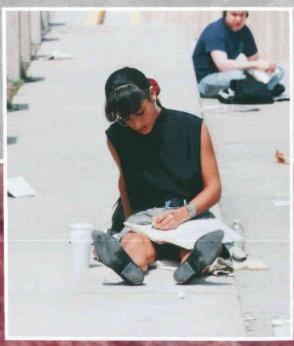




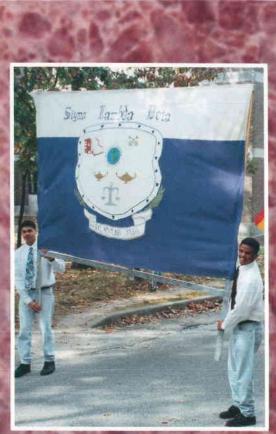




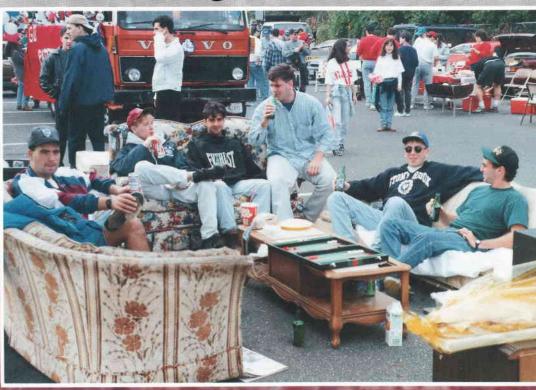




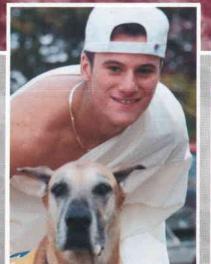
## Homecoming 1993









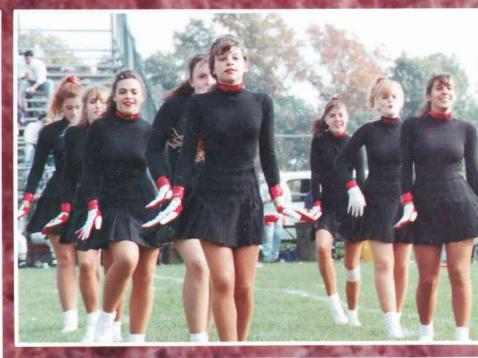


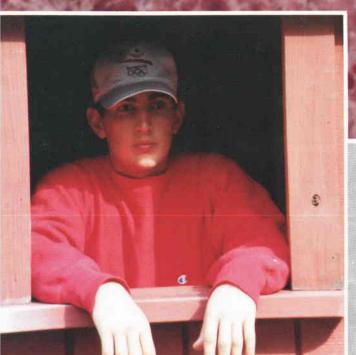




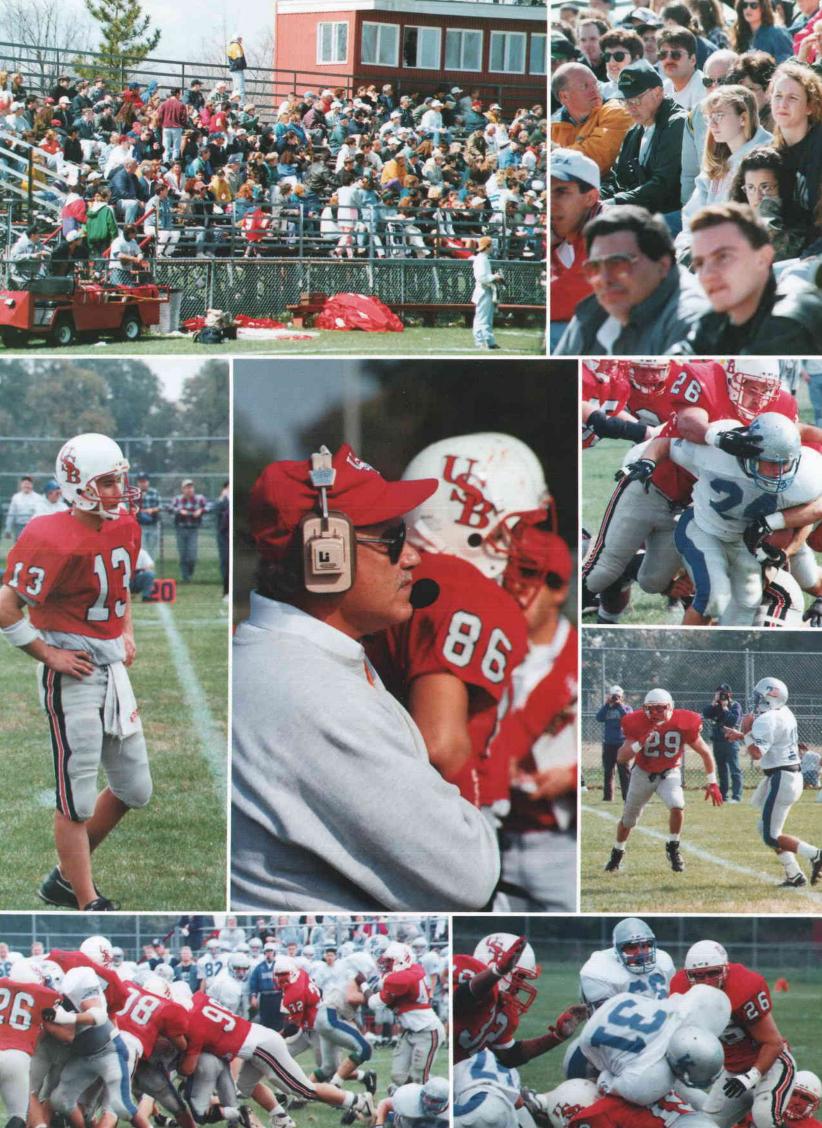


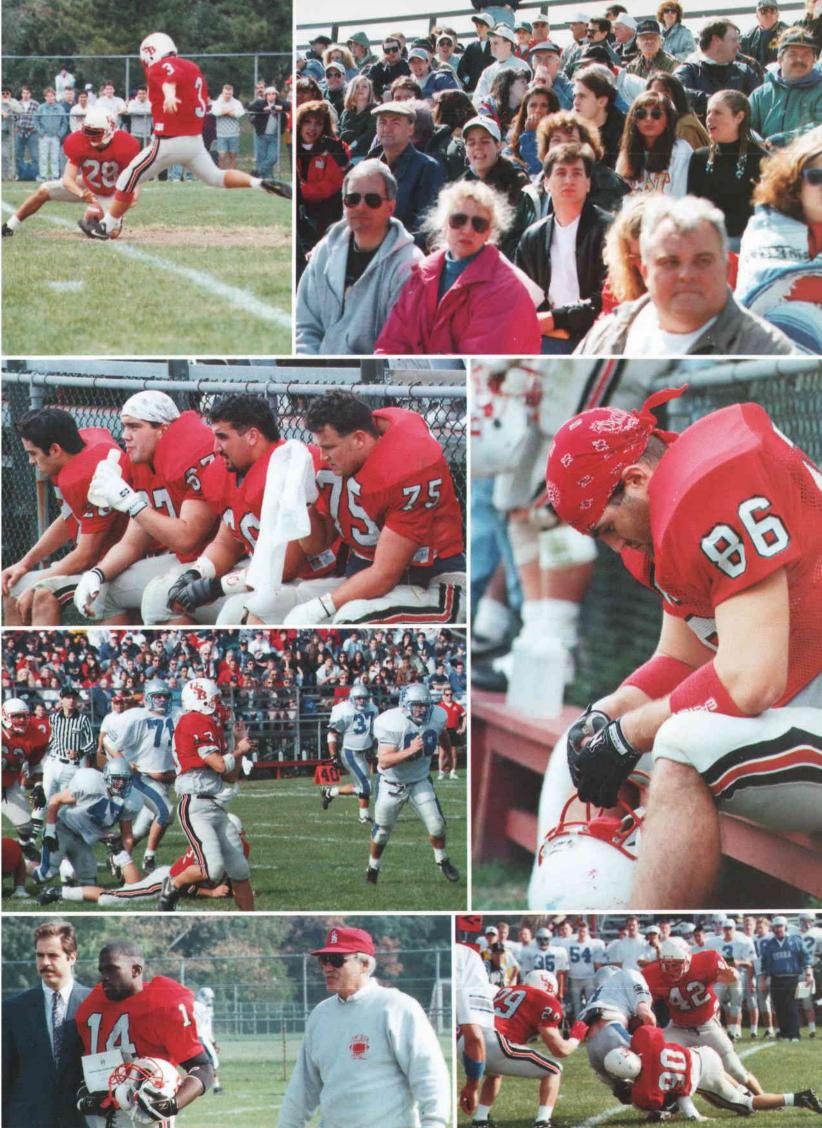






















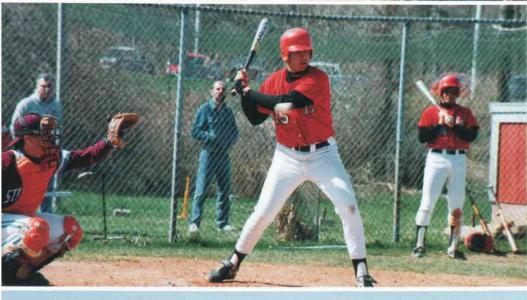
















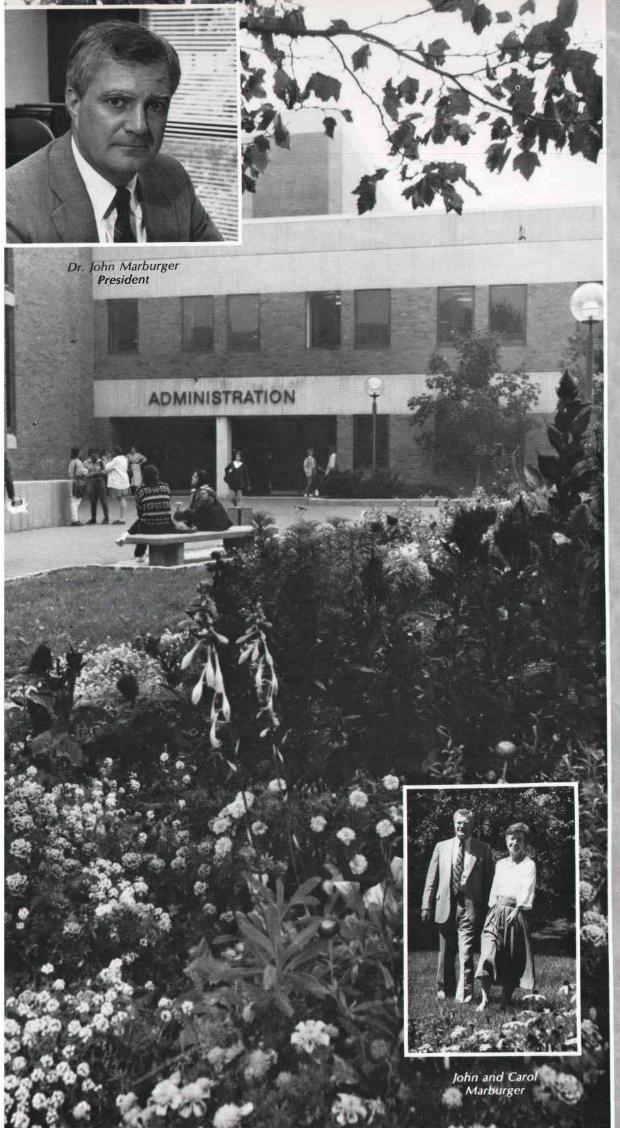




Photos by Maxine Hicks







# A D M N 5 T R A ON

# Directories STATE UNIVERSITY OF NEW YORK General Statement

State University's 64 geographically dispersed campuses bring educational opportunity within commuting distance of virtually all New York citizens and compose the nation's largest, centrally managed system of public higher education.

When founded in 1948, the university consolidated 29 state-operated, but unaffiliated, institutions. In response to need, the university has grown to a point where its impact is felt educationally, culturally, and economically the length and breadth of the state.

More than 400,000 students are pursuing traditional study in classrooms or are working at home, at their own pace, through such innovative institutions as Empire State College, whose students follow individualized and often nontraditional paths to a degree. Of the total enrollment, approximately 36 percent of the students are 25 years old or older, reflecting State University's services to specific constituencies, such as refresher courses for the professional community, continuing educational opportunities for returning service personnel, and personal enrichment for more mature persons.

State University's research contributions are helping to solve some of modern society's most urgent problems. It was a State University scientist who first warned the world of potentially harmful mercury deposits in canned fish, and another who made the connection between automobile and industrial exhaust combining to cause changes in weather patterns. Other university researchers continue important studies in such wide-ranging areas as immunology, marine biology, sickle-cell anemia, and organ transplantation.

More than 1,000 public service activities are currently being pursued on State University campuses. Examples of these efforts include special training courses for local government personnel, state civil service personnel, and the unemployed; participation by campus personnel in joint community planning or project work; and campus-community arrangements for community use of campus facilities.

A distinguished faculty includes nationally and internationally recognized figures in all the major disciplines. Their efforts are recognized each year in the form of such prestigious awards as Fulbright-Hayes, Guggenheim, and Danforth fellowships.

#### **Board of Trustees**

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N. Theodore Sommer, B.A., J.D. Binghamton

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D. Bruce Johnstone, B.A., M.A.T., Ph.D. Chancellor of the University

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William H. Anslow, B.A.

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Vice Chancellor for Capital Facilities

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Frank G. Pogue, Jr., M.A., Ph.D.
Vice Chancellor for Student Affairs and Special Programs

Martha J. Downey, M.A. Secretary of the University

Interdisciplinary Program in Africana Studies

Program Director: Floris Barnett Cash

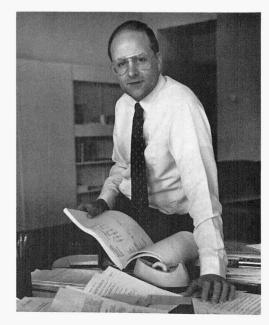
Director of Undergraduate Studies: Leslie H. Owens

#### **Faculty**

Amiri Baraka, Professor: Playwriting; pan-Africanism; contemporary affairs; literature.

Floris Barnett Cash, Assistant Professor, Ph.D., State University of New York at Stony Brook: U.S. social and political history; African-American history; Latin American history.

Nancy J. Fairley, Assistant Professor, Ph.D., State University of New York at Stony Brook: Africa; the African Diaspora; social anthropology.

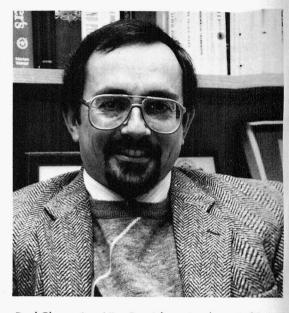


Glen Watts, Vice President Campus Finance & Management

William McAdoo, Assistant Professor, Ph.D., University of Michigan: U.S. urban, social, and institutional history; African-American history.



Millie Greshin Undergraduate Admissions



Paul Chase, Asst Vice President, Student Affairs

**Leslie H. Owens,** Associate Professor, Ph.D., University of California, Riverside: African-American social history; **black** family; civil rights movement; slavery.

Olufemi O. Vaughan, Assistant Professor, Ph.D., Oxford University: Politics and social change in Africa; international politics of African states; black politics in North America, the



Theresa Za Rocca-Meyer, Dean of Enrollment Planning

Caribbean, and the United Kingdom.

Adjunct Faculty
Estimated number: 1

Teaching Assistants
Estimated number:3

The Africana studies program is interdisciplinary in scope and addresses itself to the experiences of persons of African descent throughout the world. It is designed to explore African civilizations and their influences on other parts of the "Black Diaspora." Issues within the black international communities in Africa, the United States, and elsewhere will be examined from both historical and contemporary perspectives. Particular attention will be focused on political concepts, cultural development, legal relations, and social theories.

#### Department of Anthropology

Chairperson: William Arens

Director of Undergraduate Studies: Dolores Newton

#### Faculty

**William Arens, Professor, Ph.D., University of Virginia; Africa; social anthropology.** 

**David Bernstein,** Research Assistant Professor and Director of the Institute for Long Island Archaeology, Ph.D., State University of New York at Binghamton: North American archaeology.

**David Gilmore,** Professor, Ph.D., University of Pennsylvania: Mediterranean area; social anthropology.

Frederick Grine, Associate Professor, Ph.D., University of Witwatersrand: Physical anthropology; human evolution.

**David Hicks,** Professor, Ph.D., University of London; D. Phil., Oxford University: Indonesia; social anthropology.

**Theodore R. Kennedy,** Associate Professor, Ph.D., Princeton University: North America; Caribbean area; social anthropology.

**Curtis Marean**, Assistant Professor, Ph.D., University of California, Berkeley: African pre-history; archaeozoology.

Lawrence Martin, Associate Professor, Ph.D., University of London: Ape and human evolution; dental anthropology.

**Dolores Newton,** Assistant Professor, Ph.D., Harvard University: South America; cultural anthropology; material culture.

John J. Shea, Assistant Professor, Ph.D., Harvard University: Lithic technology; Old World paleolithic; archaeology of northeastern North America.

**June Starr,** Associate Professor, Ph.D., University of California, Berkeley; J.D., Stanford University: Middle East; social anthropology.

**Elizabeth C. Stone,** Associate Professor, Ph.D., University of Chicago: Near East; Old World archaeology.

**Patricia Wright,** Associate Professor, Ph.D., City University of New York: Primate ecology; primate behavior; primate conservation; Madagascar.

Adjunct Faculty
Estimated number: 2

Teaching Assistants Estimated number: 4

#### Department of Art

Chairperson: James H. Rubin

Director of Undergraduate Studies: Toby Buonagurio

#### Faculty

James Beatman, Adjunct Lecturer, M.F.A., University of Massachusetts-Amherst: Sculpture.

Michele H. Bogart, Associate Professor, Ph.D., University of Chicago: Art and architectural history; American and 20th-century art.

**Toby Buonagurio**, Professor, M.A., City College of New York: Ceramics; ceramic sculpture.

**Rhonda Cooper,** Adjunct Lecturer, M.A., University of Hawaii: Oriental art; museum and gallery administration.

**Michael Edelson**, Associate Professor, B.A., State University of New York Empire State College: Photography; photographic criticism; film and television theory and criticism.

**Barbara Frank,** Assistant Professor, Ph.D., Indiana University: African art history.

**Ann Gibson**, Associate Professor, Ph.D., University of Delaware: 20th-century art history.

Jacques Guilmain, Professor, Ph.D., Columbia University: Art and architectural history; medieval art; modern design.

**Helen Harrison**, Adjunct Lecturer and Director, Pollock-Krasner House and Study Center, M.A., Case Western Reserve University: American art.

**Deborah Johnson,** Adjunct Lecturer, M.A., University of Minnesota-Minneapolis: History of American art.

**George Koras,** Professor Emeritus, Diploma, Athens Academy of Fine Arts: Modeling; plastic and cast-metal sculpture.

**Donald B. Kuspit,** Professor, Ph.D., University of Michigan; D.Phil., University of Frankfurt: Art criticism; 20th-century and northern Renaissance art.

**Stephen Larese,** Adjunct Lecturer, M.F.A., University of Cincinnati: Painting and drawing.



Martin Levine, Visiting Assistant Professor, M.F.A., California College of Arts and Crafts: Printmaking.

Nina A. Mallory, Professor, Ph.D., Columbia University: Art and architectural history; Renaissance, baroque, and 18th-century art.

**Anita F. Moskowitz**, Associate Professor and Graduate Studies Director, Ph.D., New York University: Art and architectural history; medieval and Renaissance art.

**Stephen Nash,** Adjunct Associate Professor, M.A., Royal College of Art, London: Anatomical and biological illustration.

**D. Terence Netter,** Adjunct Associate Professor, M.F.A., George Washington University: Drawing; painting; art and philosophy.

Melvin H. Pekarsky, Professor, M.A., Northwestern University: Drawing; painting; public art.

**Howardena Pindell,** Professor, M.F.A., Yale University: Drawing; painting.

James H. Rubin, Professor, Ph.D., Harvard University: Art and architectural history; 18th-and 19th-century European art and criticism.

Thomas Thompson, Adjunct Lecturer, M.F.A., Ohio University: Photography and printmaking.

The undergraduate programs in art are designed to provide the student with a thorough background in the history and criticism of art, as well as sound training in studio techniques and theory. The courses of study, while allowing students a considerable degree of choice, are carefully integrated with fulfilling requirements for graduate study or preparation for professional work in the field.

The undergraduate program introduces the student to the general field of anthropology, its branches, its theories and methods, and its relation to the other social sciences, the humanities, and the natural sciences. The curriculum emphasizes the fields of cultural and social anthropology, archaeology, and physical anthropology, and includes offerings in legal and medical anthropology.

#### Division of Biological Sciences

Director of Undergraduate Studies (Biology Major): George I. Hechtel

Director of Undergraduate Studies (Biochemistry Major): Raghupathy Sarma

Divisional Teaching Assistants Estimated Number: 58

#### Department of Biochemistry and Cell Biology

Chairperson: William Lennarz

#### aculty

**Paul M. Bingham**, Associate Professor, Ph.D., Harvard University: Regulation of transcription in and tansposon biology of developing multicellular organisms.

**Deborah Brown,** Assistant Professor, Ph.D., Stanford University: Trafficking of membrane proteins in polarized epithelial cells.

**Elof Axel Carlson,** Distinguished Teaching Professor, Ph.D., Indiana University: Mutation and gene structure; history of genetics; human genetics.

Vincent P. Cirillo, Professor Emeritus, Ph.D., University of California, Los Angeles: Membrane transport processes in yeast and bacteria.

**Vitaly Citovsky**, Assistant Professor, Ph.D., Hebrew University: Neclear targeting and intercellular communication in plants.

**Neta Dean,** Assistant Professor, Ph.D., University of California, Los Angeles: Molecular genetics and protein sorting in yeast.

**Dale G. Deutsch,** Associate Professor, Ph.D., Purdue University: Molecular biology of marijuana action.

**Bernard S. Dudock,** Professor, Ph.D., Pennsylvania State University: Structure and function of cellular and viral tRNA. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.



Martin Freundlich, Professor, Ph.D., University of Minnesota: Regulation of gene expression.

J. Peter Gergen, Associate Professor, Ph.D., Brandeis University: Molecular biology; genetics of embryonic development in *Drosophila*.

**Robert Haltiwanger,** Assistant Professor, Ph.D., Duke University: Glycosylation of nuclear and cytoplasmic proteins.

**Abraham D. Krikorian,** Professor, Ph.D., Cornell University: Plant growth and development.

William Lennarz, Professor, Ph.D., University of Illinois: The role of glycoproteins in cellular and developmental biology.

**Erwin London**, Associate Professor, Ph.D., Cornell University: Membrane biochemistry and biophysics.

Harvard Lyman, Associate Professor and Graduate Studies Director, Ph.D., Brandeis University: Photoregulation of chloroplasts development and replication. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1991, and the President's Award for Excellence in Teaching, 1991.

**Kenneth B. Marcu,** Professor, Ph.D., State University of New York at Stony Brook: Organization, mechanisms of expression, and evolution of eukaryotic multigene systems.

**Carl Moos,** Associate Professor, Ph.D., Columbia University: Molecular mechanisms of muscle contraction.

Raghupathy Sarma, Associate Professor Ph.D., Madras University: X-ray crystal structure analysis of molecules of biological interest.

Nisson Schechter, Professor, Ph.D., Western Michigan University: Molecular basis of nerve growth and regeneration.

**Jakob Schmidt,** Professor, Ph.D., University of California, Riverside; M.D., University of Munich: Neurochemistry.

**Richard B. Setlow,** Adjunct Professor, Ph.D., Yal University: DNA repair; biological effects of ultraviolet and ionizing radiation.

Sanford R. Simon, Associate Professor, Ph.D., Rockefeller University: Structure-function relationships in hemoglobin; membrane biochemistry.

**Melvin V. Simpson,** Professor, Ph.D., University of California, Berkeley: Replication of mitochondrial DNA; conformational changes in ribosomes.

**Rolf Sternglanz, Professor, Ph.D., Harvard University: DNA replication.** 



**F. William Studier,** Adjunct Professor, Ph.D., California Institute of Technology: Genetics and physiology of bacterial viruses.

**William E. Theurkauf,** Assistant Professor, Ph.D., Brandeis University: Microtubules and microfilaments in early development.

**Gerald H. Thomsen,** Assistant Professor, Ph.D., Rockefeller University: Vertebrate molecular embryology: cell-cell signaling and group factor function.

James S. Trimmer, Assistant Professor, Ph.D., University of California, San Diego: Molecular neurobiology; structure, function, and regulation of voltage-sensitive ion channels.

## Department of Ecology and Evolution

Chairperson: leffrey S. Levinton

**Faculty** 

Edwin H. Battley, Associate Professor, Ph.D., Stanford University: Thermodynamics of microbial growth; ecological energetics; microbial ecology; nitrification and denitrification in aquatic systems.

Michael A. Bell, Associate Professor and Graduate Studies Director, Ph.D., University of California, Los Angeles: Evolutionary biology; population genetics; ichthyology; paleobiology and geographic variation.

**Barbara L. Bentley,** Professor, Ph.D., University of Kansas: Nitrogen fixation; plant-animal interactions; tropical ecology.

**Daniel E. Dykhuizen,** Professor, Ph.D., University of Chicago: Molecular evolution; population genetics; bacterial population biology.

**Walter F. Eanes**, Associate Professor, Ph.D., State University of New York at Stony Brook: Population and biochemical genetics of *Drosophila;* molecular evolution.

James S. Farris, Associate Professor, Ph.D., University of Michigan: Theory of phylogenetic inference.

**Douglas J. Futuyma,** Professor, Ph.D., University of Michigan: Ecological genetics; coevolution of species, especially of plants and insects; effects of evolution on the structure of ecological communities. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.

**Lev R. Ginzburg,** Professor, Ph.D., Agro-physical Institute, Leningrad: Evolutionary theory; mathematical population genetics; theoretical and applied ecology.

Jessica Gurevitch, Associate Professor, Ph.D., University of Arizona: Evolutionary ecology of plant populations and communities; plant physiological ecology.

George J. Hechtel, Associate Professor, Ph.D., Yale University: Systematics and zoo-geography of marine demospongiae. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1982.

**Charles H. Janson**, Associate Professor, Ph.D., University of Washington, Seattle: Social ecology of vertebrates; plant dispersal strategies.

Jeffrey S. Levinton, Professor, Ph.D., Yale University: Marine benthic ecology; population genetics of bivalve mollusks; paleoecology.

**Axel Meyer,** Assistant Professor, Ph.D., University of California, Berkeley: Molecular evolution of behavior and morphology in fishes.

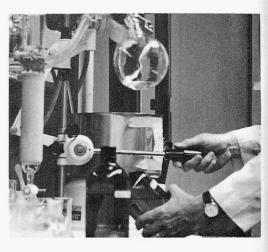
**F. James Rohlf,** Professor, Ph.D., University of Kansas: Multivariate data analysis applied to taxonomy and ecology; applied ecology.

Lawrence B. Slobodkin, Professor, Ph.D., Yale University: Evolutionary strategy and constraints; Hydra; ecotoxicology.

**Robert R. Sokal,** Distinguished Professor, Ph.D., University of Chicago: Numerical taxonomy; theory of systematics; geographic variation; spatial models.

James D. Thomson, Professor, Ph.D., University of Wisconsin: Pollination biology; plant reproductive systems; community ecology.

**George C. Williams**, Professor Emeritus, Ph.D., University of California, Los Angeles: Evolution of life-history strategies; ecology and population genetics of marine fishes.



#### Department of Neurobiology and Behavior

Chairperson: Lorne M. Mendell

**Faculty** 

Paul R. Adams, Professor, Ph.D., London University: Cellular neurobiology; synaptic transmission.

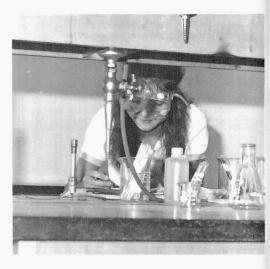
**Paul Brehm,** Professor and Graduate Studies Director, Ph.D., University of California, Los Angeles: Cellular neurobiology; synaptic transmission.

John B. Cabot, Associate Professor, Ph.D., University of Virginia: Autonomic system.

**Albert D. Carlson,** Professor, Ph.D., University of Iowa: Higher brain function; comparative neurobiology. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1983.

William F. Collins III, Assistant Professor, Ph.D., University of Pennsylvania: Physiology; neurophysiology.

L. Craig Evinger, Associate Professor, Ph.D., University of Washington: Sensorimotor integration.



Joseph Fetcho, Assistant Professor, Ph.D., University of Michigan: Motor systems.

James W. Gnadt, Assistant Professor, Ph.D., University of Alabama: Systems neurophysiology; sensorimotor integration.

**Simon Halegoua**, Associate Professor, Ph.D., State University of New York at Stony Brook: Molecular neurobiology.

Joel M. Levine, Associate Professor, Ph.D., Washington University: Developmental neurobiology.

Gail Mandel, Associate Professor, Ph.D., University of California, Los Angeles: Molecular neurobiology.

**Gary G. Matthews, Professor, Ph.D., University of Pennsylvania: Cellular neurobiology; synaptic transmission.** 

**David McKinnon**, Assistant Professor, Ph.D., Australian National University: Molecular biology of learning.

**Lorne M. Mendell,** Professor, Ph.D., Massachusetts Institute of Technology: Sensorimotor integration.

**S.M. Sherman,** Professor, Ph.D., University of Pennsylvania: Functional organization and plasticity of mammalian visual systems.

**Benjamin Walcott**, Associate Professor, Ph.D., University of Oregon: Physiology.

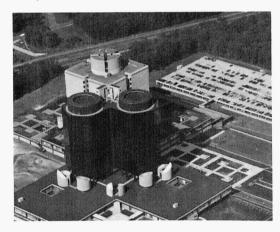
**Stephen Yazulla,** Professor, Ph.D., University of Delaware: Physiology.

Affiliated Faculty
Marian Evinger, Pediatrics
Fritz Henn, Psychiatry
Edmund LaGamma, Pediatrics
Stuart S. McLaughlin, Physiology and Biophysics
Jeffrey White, Endocrinology

The Division of Biological Sciences sponsors two undergraduate majors: biochemistry (BCH) and biology (BIO). Both majors lead to the Bachelor of Science degree. The division encourages students in both majors to explore the exceptional opportunities available throughout the campus for biological research. The division also offers a minor in biology.

#### Department of Chemistry

Chairperson: David M. Hanson



Director of Undergraduate Studies: Joseph W. Lauher

#### Faculty

**Mohammad J. Akhtar,** Lecturer and Coordinator of General Chemistry Laboratories, Ph.D., University of the Pacific: Kinetics and mechanisms of inorganic reactions.

John M. Alexander, Professor, Ph.D., Massachusetts Institute of Technology: Nuclear chemistry.

**Scott L. Anderson,** Professor and Graduate Studies Director, Ph.D., University of California, Berkeley: Chemical reaction dynamics.

**Thomas W. Bell,** Professor, Ph.D., University College, London: Isolation and synthesis of insect pheromones; synthetic methods; synthesis and study of new cation complexing agents.

Jacob Bigeleisen, Distinguished Professor Emeritus, Ph.D., University of California, Berkeley: Chemistry of isotopes.

**Francis T. Bonner,** Professor Emeritus, Ph.D., Yale University: Nitrogen and isotope chemistry.

Cynthia J. Burrows, Professor, Ph.D., Cornell University: Organic coordination chemistry; biomimetic chemistry.

**Benjamin Chu,** Distinguished Professor, Ph.D., Cornell University: Light-scattering spectroscopy; X-ray scattering.

Frank W. Fowler, Professor, Ph.D., University of Colorado: Synthesis and study of heterocycles.

Harold L. Friedman, Professor, Ph.D., University of Chica-

go: Theory of equilibrium; dynamic properties of solutions.

**Theodore D. Goldfarb,** Professor, Ph.D., University of California Berkeley: Environmental chemistry. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1979.

Albert Haim, Professor, Ph.D., University of Southern California: Kinetics and mechanisms of inorganic reactions. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1981.

**David M. Hanson,** Professor, Ph.D., California Institute of Technology: Theoretical and experimental investigations of molecular crystals.

**Takanobu Ishida,** Professor, Ph.D., Massachusetts Institute of Technology: Chemistry of stable isotopes.

**Philip M. Johnson, Professor**, Ph.D., Cornell University: Optical molecular spectroscopy.

Marjorie Kandel, Lecturer and Coordinator of Organic Chemistry Laboratories, M.S., Indiana University.

Robert C. Kerber, Professor, Ph.D., Purdue University: Organo-transition metal chemistry. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1986, and the President's Award for Excellence in Teaching, 1986.

**Stephen A. Koch,** Associate Professor, Ph.D., Massachusetts Institute of Technology: Bioinorganic chemistry.

**Chirakkal V. Krishnan,** Visiting Professor, part-time, Ph.D., University of Bombay: Chemistry education.

Roy Lacey, Assistant Professor, Ph.D., State University of New York at Stony Brook: Nuclear chemistry.

Joseph W. Lauher, Professor, Ph.D., Northwestern University: Inorganic and organometallic synthesis and structure. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1990, and the President's Award for Excellence in Teaching, 1990.

**William J. le Noble,** Professor, Ph.D., University of Chicago: Chemistry of highly compressed solutions.

**Andreas Mayr,** Associate Professor, Ph.D., University of Munich: Synthesis, reactivity, and physical properties of new transition metal compounds.

**Michelle M. Millar,** Associate Professor, Ph.D., Massachusetts Institute of Technology: Transition metal complexes; organometallic chemistry; bioinorganic chemistry.

Marshall D. Newton, Adjunct Professor, Ph.D., Harvard University: Theoretical chemistry; prediction and analysis of molecular structure and energetics.

**Iwao Ojima,** Professor, Ph.D., University of Tokyo: Synthetic, bioorganic, and organometallic chemistry.

Yoshi Okaya, Professor Emeritus, Ph.D., Osaka University: Crystallography; computer-controlled data acquisition.

**Richard N. Porter,** Professor, Ph.D., University of Illinois at Urbana-Champaign: Theoretical chemistry.

**Glenn D. Prestwich,** Professor, Ph.D., Stanford University: Bioorganic chemistry; chemical ecology.

**Steve E. Rokita,** Associate Professor, Ph.D., Massachusetts Institute of Technology: Bioorganic and enzyme chemistry; DNA photochemistry.

**Robert F. Schneider,** Associate Professor, Ph.D., Columbia University: Nuclear quadrupole resonance.

**Stanley Seltzer,** Adjunct Professor, Ph.D., Harvard University: Elucidation of enzyme and organic reaction mechanisms.

**Scott McN. Sieburth,** Assistant Professor, Ph.D., Harvard University: Synthetic and bioorganic chemistry.

**Richard Solo**, Adjunct Associate Professor, Ph.D., University of California, Berkeley: Gas phase kinetics.

**Charles S. Springer,** Professor, Ph.D., Ohio State University: Metal coordination chemistry; nuclear magnetic resonance in membranes.

**George Stell,** Professor, Ph.D., New York University: Molecular theory of the fluid state; ionic fluid structural properties; transport in multiphase systems.

**Daniel R. Strongin,** Assistant Professor, Ph.D., University of California, Berkeley: Surface science.



Dr. Goldfarb, Chemistry

Hans Thomann, Adjunct Assistant Professor, Ph.D., State University of New York at Stony Brook: Magnetic resonance in disordered heterogeneous and amorphous condensed matter.

**Frank Webster,** Assistant Professor, Ph.D., University of Chicago: Computational quantum dynamics in gases and liquids.

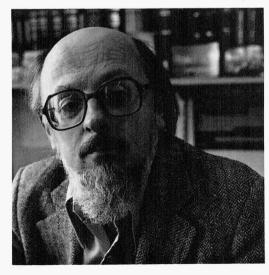
**Arnold Wishnia,** Associate Professor, Ph.D., New York University: Physical chemistry of proteins.

**Affiliated Faculty** 

Patrick J. Herley, Materials Science and Engineering Francis Johnson, Pharmacological Sciences Franco P. Jona, Materials Science and Engineering

Teaching Assistants
Estimated number: 45

The Bachelor of Science program in chemistry is designed to prepare the student for graduate study in chemistry or for industrial or other employment. It includes options in biological chemistry, chemical physics, and environmental



Dr. Robert Kerber, Chemistry

chemistry, in addition to the traditional chemical science option. The program of the Department of Chemistry is approved by the Committee on Professional Training of the American Chemical Society.

The Bachelor of Arts program allows more flexibility in the choice of electives, accommodating the needs of premedical students and others whose career objectives may call for a substantial introduction to chemistry. It can also accommodate students who wish to obtain a strong undergraduate background in another science or mathematics while earning a degree in chemistry.

Students interested in combining the study of chemistry with the study of materials science should see also the Interdisciplinary Program in Engineering Chemistry.

#### Department of **Comparative Studies**

Chairperson: Roman de la Campa

Director of Undergraduate Studies: Peter Manchester

Thomas J.J. Altizer, Professor, Ph.D., University of Chicago: Religion and literature; theology.

Ruth S. Bottigheimer, Adjunct Associate Professor, D.A., State University of New York at Stony Brook: German literature; fairy tales.

William Chittick, Associate Professor, Ph.D., Teheran University: Islamic studies; comparative mysticism

Dorothy Figueira, Assistant Professor, Ph.D., University of Chicago: East-West literary reception; religions in literature.

Krin Gabbard, Associate Professor, Ph.D., Indiana University: The arts and their interrelations; film; drama.

Aaron W. Godfrey, Lecturer, M.A., Hunter College: Latin;

Robert Goldenberg, Associate Professor, Ph.D., Brown University: Jewish thought; history of Judaism; Talmudic

Robert Hoberman, Associate Professor, Ph.D., University of Chicago: Linguistic theory; Hebrew; Arabic; Aramaic.

Carole Kessner, Assistant Professor, part time, Ph.D., State University of New York at Stony Brook: Modern Jewish literature and culture; multicultural literature; Bible as literature.

Peter B. Manchester, Associate Professor, Ph.D., Graduate Theological Union: Christian origins; philosophical theology.

Sachiko Murata, Assistant Professor, Ph.D., Teheran University: Islam; Japanese religions.

Sung-Bae Park, Professor, Ph.D., University of California, Berkeley: Buddhist studies; Indian, Chinese, Japanese, and Korean religious thought.

Sandy Petrey, Professor, Ph.D., Yale University: 19th-century French literature.

Ilona Rashkow, Assistant Professor, Ph.D., University of Maryland at College Park: Literature and politics; Hebrew Bible and literary theory.

Louise O. Vasvari, Professor, Ph.D., University of California, Berkeley: Medieval Spanish literature; Romance philology; linguistics; translation theory. Recipient of the State Univer sity Chancellor's Award for Excellence in Teaching, 1976.

**Affiliated Faculty** Russell E. Brown, German Roman de la Campa, Spanish Thomas A. Kerth, German Thomas Kranidas, English Mary C. Rawlinson, Philosophy Elias Rivers, Spanish Nicholas Rzhevsky, Slavic Languages Hugh J. Silverman, Philosophy Michael Sprinker, English Eleonore Zimmermann, French

Adjunct Faculty Estimated number: 2

Teaching Assistants Estimated number: 10

The Department of Comparative Studies integrates the efforts of a number of humanities programs centering on comparative studies in literature, language, and culture. In addition to the major in comparative studies in literature, described below, the department offers major programs in humanities and religious studies and minor programs in classical civilization, Japanese studies, Judaic studies, Korean studies, and religious studies. Requirements for these programs appear under each program title elsewhere in the alphabetical listings of Arts and Sciences programs. Further information is available in the Comparative Studies Office.

#### Child and **Family Studies**

Director: Beverly Birns, Social Sciences Interdisciplinary

Barbara Baskin, Social Sciences Interdisciplinary

Joan F. Kuchner, Social Sciences Interdisciplinary

Requirements for the Minor in Child and Family Studies

The child and family studies minor (CFS) focuses on the child's development and its role in the family and in the wider society. Theoretical and practical issues will be explored from an interdisciplinary perspective. Students will complement coursework and observations with directed work in campus day care centers and other approved facili-ties. In order to fulfill the minor, students will complete at least 24 credits of designated SSI courses, including three upper-division courses, one of them at the 400 level

#### Chinese Studies

Director: Shi Ming Hu, Social Sciences Interdisciplinary

#### **Affiliated Faculty**

Eli Seifman, Social Sciences Interdisciplinary

The Chinese studies minor (CNS) is designed for students interested in an interdisciplinary study of China that combines coursework in social and behavioral sciences with that in humanities and fine arts. Students design an individualized program of study with the approval of the director of the Chinese studies minor. Consultation with the director is encouraged for those students considering special opportunities for overseas studies programs.

Minor Coordinator: Amy Sullivan, Theatre Arts

The minor in dance (DAN) provides an approach to the educational experience of dance that integrates movement, thought, sensation, and feeling. The minor, which requires 21 credits, offers a foundation for further study in choreography, performance, education, and criticism.

#### Department of Earth and Space Sciences

Chairperson: Gilbert N. Hanson

Director of Undergraduate Studies: Teng-fong Wong

Peter W. Bretsky, Professor, Ph.D., Yale University: **Paleontology** 

Daniel M. Davis, Associate Professor, Ph.D., Massachusetts Institute of Technology: Geophysics.

Robert T. Dodd, Jr., Professor, Ph.D., Princeton University: Geochemistry.

Gilbert N. Hanson, Professor and Graduate Studies Director, Ph.D., University of Minnesota: Geochemistry.

William E. Holt, Assistant Professor, Ph.D., University of Arizona: Geophysics.

James M. Lattimer, Professor, Ph.D., University of Texas at Austin: Astronomy

Robert C. Liebermann, Professor, Ph.D., Columbia University: Geophysics.

Donald H. Lindsley, Professor, Ph.D., The Johns Hopkins University: Geochemistry; petrology.

Jack J. Lissauer, Assistant Professor, Ph.D., University of California, Berkeley: Astronomy.

Scott M. McLennan, Associate Professor, Ph.D., Australian National University: Geochemistry.

William J. Meyers, Professor, Ph.D., Rice University: Sedimentology.

Hanna Nekvasil, Assistant Professor, Ph.D., Pennsylvania State University: Geochemistry; petrology. John B. Parise, Associate Professor, Ph.D. James Cook Uni-

versity: Crystallography; mineral physics. Deane M. Peterson, Associate Professor, Ph.D., Harvard

University: Astronomy, Richard J. Reeder, Professor, Ph.D., University of California,

Berkeley: Geochemistry; sedimentology Martin A.A. Schoonen, Assistant Professor, Ph.D., Pennsyl-

vania State University: Geochemistry. Michal Simon, Professor, Ph.D., Cornell University:

Philip M. Solomon, Professor, Ph.D., University of Wiscon-

sin: Astronomy, Frederick M. Walter, Assistant Professor, Ph.D., University

of California, Berkeley: Astronomy. Donald J. Weidner, Professor, Ph.D., Massachusetts Insti-

tute of Technology: Geophysics. Teng-fong Wong, Professor, Ph.D., Massachusetts Institute

Amos Yahil, Professor, Ph.D., California Institute of Tech-

nology: Astronomy.

#### Curator

Steven C. Englebright, M.S., State University of New York at Stony Brook: Geology.

of Technology: Geophysics.

Robert C. Aller, Marine Sciences Research Center Henry J. Bokuniewicz, Marine Sciences Research Center J. Kirk Cochran, Marine Sciences Research Center Marvin Geller, Marine Sciences Research Center David W. Krause, Anatomical Sciences Charles Nittrouer, Marine Sciences Research Center

Teaching Assistants Estimated number: 18

The Department of Earth and Space Sciences offers undergraduate programs leading either to a Bachelor of Science or to a Bachelor of Arts degree. The B.S. program in geology (GEO), which includes an environmental geoscience track, and the B.S. program in astronomy/planetary sciences (AST) aim at giving the student maximum preparation to carry out graduate and professional work in each of these fields. The B.A. program (ESS) is more flexible in that it is designed to meet the needs of students who desire a more diverse liberal arts and sciences background. The various programs prepare students to choose careers in teaching, law, environmental science, or research in private industry and government.

Minimum course requirements for both the B.S. and B.A. programs are listed below. Upon declaring a major, the student will be assigned a faculty advisor in the appropriate area who, along with the director of undergraduate studies, will assist in the selection of a course sequence leading to the desired degree. Students should consult frequently with their faculty advisors regarding their progress and regarding appropriate science courses.

#### Department of **Economics**

Chairperson: Thomas Muench

Director of Undergraduate Studies: William Dawes

#### Faculty

Chunrong Ai, Assistant Professor, Ph.D., Massachusetts Institute of Technology: Econometrics; microeconomics; applied economics.

**Reiko Aoki,** Assistant Professor, Ph.D., Stanford University: Industrial oranization; game theory.

**Robert J. Aumann,** Professor, Ph.D., Massachusetts Institute of Technology: Game theory; mathematical economics. Member, Institute for Decision Sciences.

Steven Cassou, Assistant Professor, Ph.D., University of Minnesota: Macroeconomics; monetary economics.

William Dawes, Lecturer, Ph.D., Purdue University: Econometrics; economic history. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.

**Pradeep Dubey,** Professor, Ph.D., Cornell University: Game theory; mathematical economics. Member, Institute for Decision Sciences.

**John Hause,** Professor, Ph.D., University of Chicago; Theory of measurement and econometric estimation in human capital; industrial organization; applied microeconomics.

**John Hillas,** Assistant Professor, Ph.D., Stanford University: Game theory; microeconomic theory. Member, Institute for Decision Sciences.

**Bryce Hool**, Professor, Ph.D., University of California, Berkeley: Macroeconomics; general equilibrium theory; monetary theory. Member, Institute for Decision Sciences.

Michael Hurd, Professor, Ph.D., University of California, Berkeley: Econometrics; labor; macroeconomics.

**Estelle James,** Professor, Ph.D., Massachusetts Institute of Technology: Welfare economics; human resources.

Jean-Francois Mertens, Professor, Ph.D., Universite Catholique de Louvain: Game theory; mathematical economics. Member, Institute for Decision Sciences.

**Stefan Mittnik**, Assistant Professor, Ph.D., Washington University: Econometrics; macroeconomics.

Mark Montgomery, Associate Professor, Ph.D., University of Michigan: Economic demography; developmen economics.

Thomas Muench, Professor, Ph.D., Purdue University: Mathematical economics; econometrics; urban economics.

**Egon Neuberger,** Professor, Ph.D., Harvard University: Comparative systems; Soviet and East European economics.

**Abraham Neyman,** Professor, Ph.D., Hebrew University: Game theory; mathematical economics. Member, Institute for Decision Sciences.

**Thomas Prusa,** Assistant Professor, Ph.D., Stanford University: International economics; industrial organization.

**Warren Sanderson,** Professor and Director of Graduated Studies, Ph.D., Stanford University: Economic history; economic demography.

**James Schmitz,** Assistant Professor, Ph.D., University of Minnesota: Industrial organization; macroeconomics.

Charles Staley, Associate Professor, Ph.D., Massachusetts Institute of Technology: History of economic thought; international trade.

Yair Tauman, Professor, Ph.D., Hebrew University: Industrial organization; game theory. Member, Institute for Decision Sciences.

**Dieter Zschock,** Professor, Ph.D., Tufts University: Development economics; labor economics.

Michael Zweig, Associate Professor, Ph.D., University of Michigan: Political economy; labor economics. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1991, and the President's Award for Excellence in Teaching, 1991.

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 20

The undergraduate major in economics provides training for graduate studies in economics, business, and law. Students may also use it to prepare for entry-level positions in research and policy-making organizations such as the government, banks, and consulting firms.

Economics is a quantitative social science, and the curriculum reflects that. Although major requirements include only a semester of calculus, students planning to use their background in economics for graduate studies or in their careers are strongly urged to take additional courses in mathematics and in computer science.

The areas of study in the department fall into three broad classifications. The first of these, microeconomics, deals with the theoretical and empirical study of the behavior and interrelationships of individual economic agents, such as firms and individuals, and their interaction through markets. Next, macroeconomics examines the large sectors of the economy such as government, business, money and banking, and international trade. It also covers such topics as unemployment, inflation, and economic growth. Finally, econometrics uses statistics to estimate, test, and predict patterns of behavior of the various units and relationships that make up the economy.

Interdisciplinary Program in Engineering Chemistry

Program Committee

Patrick Herley: Materials Science and Engineering Joseph W. Lauher: Chemistry

The interdisciplinary program in engineering chemistry (ECM), which leads to the Bachelor of Science degree, is designed to provide students with a basic understanding of the chemistry and materials technology underlying modern materials engineering.

This program emphasizes a strong background in physical chemistry infused with an orientation toward the solid-state sciences and materials technology. Its central theme is a chemistry core strengthened by materials science and laboratory courses, the latter with a unique "chemistry of materials" component. The choice of suitable electives will help the student to prepare for work or advanced study in areas such as electronic materials, interfacial phenomena, solid-state science and technology, polymers, ceramics, biomaterials, etc.

Jointly sponsored by the College of Arts and Sciences and the College of Engineering and Applied Sciences, the program is a basic preparation for training chemical and materials professionals who can enter a wide range of industries or proceed to graduate work in either solid-state chemistry or materials science.

## Department of English

Chairperson: Thomas Kranidas

Director of Undergraduate Studies: Diane Fortuna

Director of Writing Programs: Patricia A. Belanoff

Faculty

**Bruce W. Bashford,** Assistant Professor, Ph.D., Northwestern University: Literary criticism; rhetoric and composition.

Patricia A. Belanoff, Associate Professor, Ph.D., New York University: Composition; Old English; Middle English; rhetoric.

**Timothy Brennan,** Assistant Professor, Ph.D., Columbia University: Cross-cultural literary studies; history and theory of criticism.

**Dennis A. Clarke,** Lecturer and Director of the Writing Center, M.A., Louisiana State University: Composition; rhetoric.

**Helen Cooper**, Associate Professor, Ph.D., Rutgers University: Victorian literature; creative writing; women's studies.

**Paul J. Dolan,** Associate Professor, Ph.D., New York University: Modern British and American literature; Yeats; literature and politics.

**Cornelius Eady**, Assistant Professor and Director of the Poetry Center: Poetry; creative writing.

**Elsa Emenheiser,** Lecturer, Ph.D., State University of New York at Stony Brook: Modern British and American literature; secondary education.

**David V. Erdman,** Professor Emeritus, Ph.D., Princeton University: Romantic literature; Blake; textual and critical editing.

**Thomas B. Flanagan**, Professor, Ph.D., Columbia University: Irish literature; modern British literature; Joyce; Yeats.

**Diane Fortuna,** Assistant Professor, Ph.D., The Johns Hopkins University: 20th-century British and American literature; 19th-century American literature.

**Clare A. Frost, Lecturer**, M.A., State University of New York at Stony Brook: Composition; creative writing.

**Leonard Gardner**, Lecturer Emeritus, Ph.D., University of Chicago: Secondary education.

Homer B. Goldberg, Distinguished Teaching Professor Emeritus, Ph.D., University of Chicago: Restoration and 18th-century literature; the novel; literary criticism. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1973, and the President's Award for Excellence in Teaching, 1987.

James Harvey, Associate Professor, A.M., University of Michigan: The novel; drama; film.

**Laura Henigman,** Assistant Professor, Ph.D., Columbia University: Early American literature.

**Clifford C. Huffman,** Professor, Ph.D., Columbia University: Renaissance literature; Shakespeare.

**E.** Ann Kaplan, Professor, Ph.D., Rutgers University: 19th-and 20th-century British and American literature; women's studies; film.

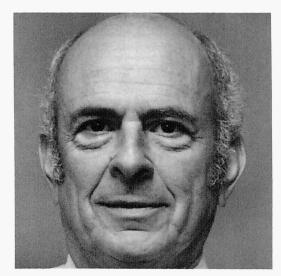
**Thomas Kranidas**, Professor, Ph.D., University of Washington: 17th-century literature; Milton.

**Richard L. Levin,** Professor, Ph.D., University of Chicago: Renaissance drama; literary criticism.

**Richard A. Levin,** Professor, Ph.D., Indiana University: Victorian literature; the novel; literature and society.

**Aaron Lipton**, Associate Professor and Coordinator of English Teacher Preparation, Ed.D., New York University: The teaching of reading, composition, and literature; the psychology of literature.

**Ira Livingston**, Assistant Professor, Ph.D., Stanford University: Romanticism; literary theory.



Louis Simpson, English

**Jack Ludwig,** Professor, Ph.D., University of California, Los Angeles: 20th-century literature; Joyce; Yeats; creative writing.

**Thomas E. Maresca,** Professor, Ph.D., The Johns Hopkins University: Restoration and 18th-century literature; the epic; satire.

Joaquin Martinez-Pizarro, Associate Professor, Ph.D., Harvard University: Old English; Middle English.

Carolyn McGrath, Lecturer, M.A., State University of New York at Stony Brook: Creative writing; composition.

**Adrienne Munich**, Associate Professor, Ph.D., City University of New York: Victorian literature; women's studies.

Gerald B. Nelson, Associate Professor and Graduate Studies Director, Ph.D., Columbia University: 20th-century British and American literature; poetry.

Paul A. Newlin, Associate Professor, Ph.D., University of California, Los Angeles: 19th-century American literature; creative writing. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1985, and the President's Award for Excellence in Teaching, 1985.

Stacey Olster, Associate Professor, Ph.D., University of Michigan: 20th-century British and American literature; the novel. Recipient of the President's Award for Excellence in Teaching, 1986, and the Chancellor's Award for Excellence in Teaching, 1987.

Ron Overton, Lecturer, M.A., State University of New York at Stony Brook: Composition and rhetoric; contemporary poetry.

Joseph Pequigney, Professor, Ph.D., Harvard University: 17th-century literature; Shakespeare.

William Reynolds, Lecturer, M.A., Syracuse University: Composition.

Alice B. Robertson, Assistant Professor and Associate Director of Writing Programs, Ph.D., Arizona State University: Composition theory and practice; 19th- and 20th-century American literature.

Walter Scheps, Associate Professor, Ph.D., University of Oregon: Old English; Middle English; the history of the English language.

Sallie Sears, Associate Professor, Ph.D., Brandeis University: The novel; Henry James: literary criticism; women's studies.

David Sheehan, Associate Professor, Ph.D., University of Wisconsin: Restoration and 18th-century literature.

Louis Simpson, Distinguished Professor, Ph.D., Columbia University: 19th- and 20th-century British and American literature; poetry; creative writing; literary criticism.

Clifford H. Siskin, Associate Professor, Ph.D., University of Virginia: British romanticism; critical theory.

Stephen J. Spector, Professor, Ph.D., Yale University: Old English; Middle English; the history of the English language.

Michael Sprinker, Professor, Ph.D., Princeton University: Literary criticism; 19th- and 20th-century British and American literature.

Susan Squier, Associate Professor, Ph.D., Stanford University: 19th- and 20th-century British literature; women's studies.

Judah L. Stampfer, Professor Emeritus, Ph.D., Harvard University: Renaissance and 17th-century literature; Shakespeare; literature and psychology.

Frances Zak, Lecturer, M.A., Boston University: Composition and rhetoric.

Adjunct Faculty Estimated number: 11

Teaching Assistants Estimated number: 51

Courses offered by the Department of English seek to develop students' understanding of important works of literature written in English, to provide a historical awareness of the range of thought and experience that has found expression in the English language, and to enlarge students' personal horizons by reflection upon cultural, social, and aesthetic experience. The development of this kind of knowledge also means a development of students' ability to express themselves effectively in speech and in writing. Courses in English instruct students in becoming more observant, thoughtful, and articulate in response to what they read. In addition, the department regularly offers courses in creative writing

#### English as a Second Language

Director: Kamal K. Sridhar

Teaching Assistants Estimated number: 7

A variety of courses in English may be taken by students whose first language is not English. Ranging in level from elementary to advanced, these courses are designed to improve students' speaking, reading, writing, and comprehension of English and to enable students to participate more fully in their university program and American life.
These courses are open both to regularly enrolled Stony

Brook students and to members of the community.

#### Foreign Languages Secondary Teacher **Preparation Program**

Program Coordinator: Paul Ferrotti, French and Italian

#### Department of French and Italian

Chairperson: Mario B. Mignone

Director of Undergraduate Studies: Charles Franco

#### Faculty

Harriet Allentuch, Professor and Undergraduate Coordinator in French, Ph.D., Columbia University. 17th-century French literature. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1990, and the President's Award for Excellence in Teaching, 1990.

Carol Blum, Professor Emerita, Ph.D., Columbia University: 18th-century French literature; literature of the French Revolution.

Frederick Brown, Professor, Ph.D., Yale University: 19thand 20th-century French literature.

Paul Ferrotti, Lecturer, M.A., Rutgers University: Pedagogy; teaching certification.



Professor Tom Keen German Dept

Luigi Fontanella, Associate Professor and Graduate Coordinator in Italian, Ph.D., Harvard University: Modern Italian

**Angelica Forti-Lewis**, Associate Professor, Ph.D., University of Pennsylvania: 18th- and 19th-century Italian literature; history of genres; comparative literature.

Charles Franco, Associate Professor, Ph.D., Rutgers University: Medieval Italian literature.

Robert Harvey, Assistant Professor, Ph.D., University of California, Berkeley: Contemporary French literature.

Mario B. Mignone, Professor, Ph.D., Rutgers University: Contemporary Italian literature.

Sandy Petrey, Professor, Ph.D., Yale University: 19th-century French literature; comparative literature; literary theory.

Lori Repetti, Assistant Professor, Ph.D., University of California, Los Angeles: Romance linguistics; Italian dialectology; history of the Italian language.

Anthony Rizzuto, Associate Professor, Ph.D., Columbia University: 19th- and 20th-century French literature.

Antonio Toscano, Visiting Assistant Professor, Ph.D., Rutgers University: Italian humanism; Renaissance.

Joseph A. Tursi, Professor Emeritus, Ph.D., New York University: 18th-century Italian literature. Recipient of the State University Chancellor's Award for Excellence in Teaching,

Ruth Plaut Weinreb, Assistant Professor and Director of Doctor of Arts in Foreign Languages Program, Ph.D., Columbia University: Pedagogy; 18th-century French literature.

Mark Whitney, Professor, Ph.D., University of Pennsylvania: 16th-century French literature.

Eleonore M. Zimmermann, Professor and Graduate Studies Director, Ph.D., Yale University: 17th-, 19th-, and 20th-century French literature; comparative literature.

Adjunct Faculty Estimated number: 3

Teaching Assistants Estimated number: 11

The Department of French and Italian offers a diversified program that meets the needs of all students interested in the study of French or Italian. Those wishing to major in either or both languages are offered several possible concentrations, each structured to assist students preparing for future careers or advanced study. The department also of-fers a minor in each language and a variety of courses of interest to non-majors, some in translation (see FRN 141, 281, 299, and 381 and ITL 141, 299, 281, 381, and 383), some in the original language.

#### Department of **Hispanic Languages** and Literature

Chairperson: Maria Luisa Nunes

Director of Undergraduate Studies: Lou Charnon-Deutsch

#### Faculty

Roman de la Campa, Associate Professor, Ph.D., University of Minnesota: Latin American and Caribbean literature; contemporary critical theory.

Lou Charnon-Deutsch, Associate Professor, Ph.D., University of Chicago: 18th- and 19th-century Peninsular literature; feminist theory. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1990, and the President's Award for Excellence in Teaching, 1990.

Flora Klein-Andreu, Associate Professor and Graduate Studies Director, Ph.D., Columbia University: Linguistic meaning; language evolution and variation; standardization; research methods.

Pedro Lastra, Professor, University of Chile; (University Professor, University of Chile, 1960-1973): Colonial, modern, and contemporary Spanish-American literature.

James B. McKenna, Associate Professor, Ph.D., Harvard University: 20th-century Hispanic culture and literature.

Elizabeth Monasterios, Assistant Professor, Ph.D., University of Toronto: Modern and contemporary Spanish-American literature; Latin American poetry.

Maria Luisa Nunes, Professor, Ph.D., City University of New York: 19th- and 20th-century Luso-Brazilian literatures; women's studies.

Elias L. Rivers, Professor Emeritus, Ph.D., Yale University: 16th- and 17th-century literature of Spain; sociolinguistic theory of literature.



**Victoriano Roncero-Lopez,** Assistant Professor, Ph.D., University of Illinois at Urbana-Champaign; 16th- and 17th-century literature of Spain.

**Georgina Sabat-Rivers,** Professor Emerita, Ph.D., The Johns Hopkins University: Spanish Golden Age and Spanish-American colonial literature.

**Antonio Vera-Leon,** Assistant Professor, Ph.D., Princeton University: 19th- and 20th-century Caribbean literatures; literary theory; interdisciplinary study of narrative.

**Kathleen Vernon,** Assistant Professor, Ph.D., University of Illinois at Urbana-Champaign: 20th-century Spanish narrative and film.

## Affiliated Faculty Louise Vasvari, Comparative Studies

Adjunct Faculty
Estimated number: 1

Teaching Assistants

Estimated number: 29

The department offers a major program leading to the Bachelor of Arts degree in Spanish language and literature, a minor in Spanish, and courses in Portuguese. Students wishing to major in Spanish should consult with a departmental advisor to choose individual programs.

Department of Germanic and Slavic Languages and Literatures

Chairperson: Thomas Kerth

Director of Undergraduate Studies: Ferdinand A. Ruplin

Faculty

Christina Y. Bethin, Associate Professor Ph.D., University of Illinois at Urbana-Champaign: Slavic linguistics; Russian, Polish, and Ukrainian languages. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1983.

**Russell E. Brown,** Professor, Ph.D., Harvard University: Modern German literature; expressionist poetry; Trakl; Brecht; Jahn.

**Edward J. Czerwinski,** Professor Emeritus, Ph.D., University of Wisconsin: Comparative Slavic literature; Slavic drama and theatre; Polish literature; Russian literature. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.

**Barbara Elling,** Distinguished Teaching Professor and Graduate Studies Director, Ph.D., New York University: Romanticism; literature and sociology; methods of language teaching. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1973.

Thomas A. Kerth, Associate Professor, Ph.D., Yale University: Medieval literature; Middle High German; philology. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1992, and the President's Award for Excellence in Teaching, 1992.

Ferdinand A. Ruplin, Associate Professor Emeritus, Ph.D., University of Minnesota: Applied linguistics; Middle High German; computer-assisted instruction.

John R. Russell, Associate Professor Emeritus, Ph.D., Princeton University: Rococo; novella; computer-assisted instruction.

**Nicholas Rzhevsky**, Associate Professor, Ph.D., Princeton University: Russian and Soviet literature; Russian theatre; Russian intellectual history.

**Leif Sjoberg,** Professor Emeritus, Ph.D., Uppsala University: Scandinavian literature; Ibsen; Strindberg; Lagerkvist; Ekelof; Old Norse.

**Lucy E. Vogel,** Associate Professor Emerita, Ph.D., New York University: Slavic cultures; Russian poetry; Russian literature of the 19th and 20th centuries.

Joanna Radwanska Williams, Assistant Professor, Ph.D., University of North Carolina at Chapel Hill: Historical and theoretical linguistics; poetics; philology; Polish; Russian.

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 9

Interdisciplinary Program in the Humanities

Director of Undergraduate Studies: Peter Manchester, Comparative Studies

The interdisciplinary program in the humanities, which is housed in the Department of Comparative Studies, is designed for undergraduates attracted to humanistic study—art, history, languages, literature, music, philosophy, religious studies, theatre—who prefer not to specialize in any single field. It involves introductory and upper-division work in several departments, described in the requirements below.

Potential majors are strongly urged to consult the director of undergraduate studies to help them prepare individual programs.

#### Department of History

Chairperson: Wilbur R. Miller Director of Undergraduate Studies: Michael Barnhart

Faculty

**Per A. Alin,** Associate Professor, Ph.D., University of Vienna: Ancient; pre-classical archaeology.

Michael Barnhart, Associate Professor, Ph.D., Harvard University: U.S. foreign policy; 20th-century U.S. and modern Japan. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1985, and the President's Award for Excellence in Teaching, 1985.

**Susan Battley**, Adjunct Assistant Professor, Ph.D, State University of New York at Stony Brook: Early modern social and economic history of Europe; Tudor-Stuart England.

**Karl S. Bottigheimer,** Associate Professor, Ph.D., University of California, Berkeley: England and Ireland.

**David B. Burner,** Professor, Ph.D., Columbia University: 20th-century U.S. political and social.

Paul W. Chase, Adjunct Assistant Professor, Ph.D., State University of New York at Stony Brook: Modern Germany.

**Ruth Schwartz Cowan,** Professor, Ph.D., The Johns Hopkins University: History of biology and technology; women in modern society.

**Karl W. Demuth,** Adjunct Lecturer, M.A., Harvard University: Modern Europe; France.

**Tiden G. Edelstein,** Professor, Ph.D., The Johns Hopkins University: 19th-century U.S.; Civil War and reconstruction.

**Elizabeth Garber**, Associate Professor, Ph.D., Case Western Reserve University: History of physics and thermodynamics; European intellectual and social.

Paul Gootenberg, Assistant Professor, Ph.D., University of Chicago: 19th-century Latin America; Andean, Mexican, and economic.

Young Sun Hong, Assistant Professor, Ph.D., University of Michigan, Ann Arbor: Modern Germany.

Matthew Jacobson, Assistant Professor, Ph.D., Brown University: U.S. Immigration; political institutions.

**Temma Kaplan,** Professor, Ph.D., Harvard University: Spain; comparative women's history; popular culture.

**Richard F. Kuisel,** Professor, Ph.D., University of California, Berkeley: Modern Europe; France.

**Eric E. Lampard,** Professor, Ph.D., University of Wisconsin-Madison: Economic and urban.

**Ned Landsman,** Associate Professor, Ph.D., University of Pennsylvania: U.S. colonial.

**Brooke Larson,** Associate Professor, Ph.D., Columbia University: Andean history; colonial and modern Latin America.

**Herman E. Lebovics,** Professor, Ph.D., Yale University: Modern European intellectual and social.

Helen Rodnite Lemay, Associate Professor, Ph.D., Columbia University: Medieval and Renaissance intellectual; paleography. Recipient of the President's Award for Excellence in Teaching, 1984.

**Gary Marker**, Associate Professor, Ph.D., University of California, Berkeley: 18th- and 19th-century Russian social.

**Wilbur R. Miller,** Associate Professor, Ph.D., Columbia University: 19th-century U.S.

John W. Pratt, Associate Professor, Ph.D., Harvard University: U.S. constitutional and legal; New York State.

**Janet Riesman**, Assistant Professor, Ph.D., Brown University: The early national era; the Constitution.

**Joel T. Rosenthal,** Professor, Ph.D., University of Chicago: Medieval Europe; England.

**Wolf Schafer**, Professor, Ph.D., University of Bremen: Social history of the sciences and science policy.

William R. Taylor, Professor Emeritus, Ph.D., Harvard University: 19th- and 20th-century U.S. cultural and intellectual. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1989, and the President's Award for Excellence in Teaching, 1989.

Nancy Tomes, Associate Professor, Ph.D., University of Pennsylvania: U.S. social, medical, and women's history.

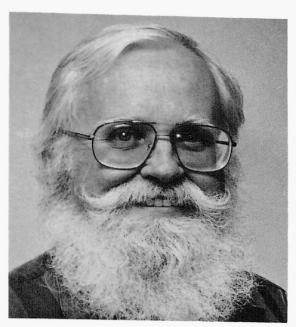
**Barbara Weinstein,** Associate Professor, Ph.D., Yale University: Brazil; colonial and modern Latin America; slave societies.

Fred Weinstein, Professor, Ph.D., University of California, Berkeley: Psychohistory; Russia.

**John A. Williams,** Associate Professor, Ph.D., University of Wisconsin-Madison: British Empire; Africa; the Commonwealth; expansion of Europe.

**Kathleen Wilson,** Assistant Professor, Ph.D., Yale University: Modern British social and intellectual.

Jane E. Yahil, Adjunct Assistant Professor, Ph.D., The Hebrew University of Jerusalem: Medieval Europe; medieval English constitutional history; Crusades.



Dr. David Sheehan Chairmen: Humanities Dept.

Affiliated Faculty
Floris Cash, Africana Studies
Leslie Owens, Africana Studies
Eli Seifman, Social Sciences Interdisciplinary
Judith Wishnia, Social Sciences Interdisciplinary

Adunct Faculty
Estimated number: 1

Teaching Assistants
Estimated number: 5

The department's offerings range over many eras, regions, and topics, concentrating on the United States, Europe, Latin America, East Asia, and the history of science. Surveys of these fields are offered at the 100 level for the United States and Europe and the 200 level for other areas. Students interested in the study of history should take these survey courses first, since they serve as prerequisites for more advanced coursework. American and European courses at the 200 level customarily examine a specific period in these regions' pasts, while 300-level courses typically examine specific topics (such as social or political history) or countries (such as Germany, Brazil, or China). History colloquia at the 400 level are small classes offering intensive reading and discussion on closely focused themes. The study of history imphasizes the mastery of large amounts of informatin and he ability to demonstrate that mastery through skillful vriting.

Each semester the department issues a booklet with detailed descriptions of its offerings. Students interested in history, whether as a major, a minor, a related social science course, or for general liberal arts purposes, are invited to read this booklet and to seek advice from the department's director of undergraduate studies and other faculty members.

#### luman Sexual and ender Development

inor Coordinator: Helen Rodnite Lemay, History

The minor in human sexual and gender development 'D) is designed primarily for the residents of Langmuir llege who wish to add an academic dimension to their idential experience. The minor brings an interdisciplinary expective to the examination of evolving concepts of a indered, sexual self. Small group seminars focus on sex, nder, and the human life course, while students broaden eir understanding with relevant courses in the arts, scinces, and social sciences.

#### ournalism

inor Coordinator: Diane Fortuna, English

**culty an Eysen,** Lecturer, M.A., University of California, Los ngeles: Political writing.

**Robert W. Greene**, Lecturer, Fordham University: Investigative reporting.

**David Kahn,** Lecturer, Ph.D., Oxford University: Viewpoints.

**Paul Schreiber,** Lecturer, B.A., University of Miami: Business writing.

The journalism minor (JRN), housed in the Department of English, is staffed by professional, working journalists. Students who have an interest in careers in journalism will find that the program is committed to an academically sound background in arts and sciences, develops the writing and editing skills needed in journalism, and fosters understanding of the principles and responsibilities of journalism.

#### **Judaic Studies**

Director: Robert Goldenberg, Comparative Studies



Kamal and S.N. Sridhar, Linguistics

Minor Coordinator: Robert Hoberman, Comparative Studies

Affiliated Faculty Stephen Spector, English

Adjunct Faculty
Estimated number: 1

The minor in Judaic studies offers students an opportunity to acquire background in one or more Jewish languages and to study selected areas of Jewish history, culture, or religion. With the approval of an advisor from the Judaic studies program faculty, the student must construct a program of at least 21 credits fulfilling the requirements listed below. The advisor will help assure that the student's program has a curricular focus; courses from other departments suiting that focus may be included.

## Department of Linguistics

Chairperson: Mark Aronoff

Director of Undergraduate Studies: Richard Larson

**Faculty** 

**Frank Anshen,** Associate Professor, Ph.D., New York University: Sociolinguistics.

Mark Aronoff, Professor, Ph.D., Massachusetts Institute of Technology: Phonology; morphology.

**Ellen Broselow,** Associate Professor, Ph.D., University of Massachusetts-Amherst: Phonetics, phonology, applied linguistics.

**Aaron S. Carton,** Professor Emeritus, Ph.D., Harvard University: Psycholinguistics; teaching English to speakers of other languages.

**Daniel L. Finer**, Associate Professor and Graduate Studies Director, Ph.D., University of Massachusetts-Amherst: Syntax; semantics; language acquisition.

**Dorit Kaufman,** Visiting Assistant Professor, Ph.D., State University of New York at Stony Brook: TESOL; language attrition.

**Richard Larson,** Associate Professor, Ph.D., University of Wisconsin-Madison: Syntax; semantics.

Kamal K. Sridhar, Associate Professor, Ph.D., University of Illinois at Urbana-Champaign: Teaching English to speakers of other languages; bilingualism; English around the world.

**S.N. Sridhar,** Associate Professor, Ph.D., University of Illinois at Urbana-Champaign: Psycholinguistics; sociolinguistics; second language acquisition; Indian linguistics.

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 6

The Department of Linguistics is concerned with the study of language as a central human attribute. It offers courses of general interest as well as programs for students with specialized objectives. In accordance with the pattern developed in modern linguistic theory, courses are offered in three areas. The core area examines the units of human language and their structural relations. The peripheral area is concerned with physiological, psychological, and social problems of language use. The applied area is concerned with language education and includes the application of scientific linguistics in communication technology and language policy.

The major in linguistics serves either as preparation for graduate study or as an organizing theme for a rich undergraduate education. The minor in linguistics is a valuable supplement to many majors offered on campus. The Department of Linguistics also prepares students for provisional certification as teachers of English to speakers of other languages (TESOL).

Instruction in uncommonly taught languages not offered elsewhere in the university is provided by the Department of Linguistics.

#### Japanese Studies

Director: Sachiko Murata, Comparative Studies

In the Japanese studies minor (JNH) students take a series of courses centering on the history and civilization of Japan while keeping in view Japan's close ties with China and Korea. Students design their own program with the approval of the director of the minor. The minor requires 18 credits that must be taken for a letter grade and passed with a C or higher.

#### **Korean Studies**

Director: Sung Bae Park, Comparative Studies

Teaching Assistants
Estimated number: 4

Students who undertake the Korean studies minor (KRH) design an individual program that combines coursework in Korean history, literature, art, religion, and philosophy. The director of the Korean studies program advises and oversees each student's program. For those considering overseas exchange programs with Korean universities, consultation with the director is encouraged. The minor requires 21 credits (18 for those who fulfill requirement 1 by examination).

#### Middle Eastern Studies

Minor Coordinator: Elizabeth C. Stone, Anthropology

The interdisciplinary minor in Middle Eastern Studies (MES) allows students interested in the Middle East to design an individual program of study centered around a particular area of concentration in consultation with an advisor. The minor requires 18 credits.

#### **Religious Studies**

Program Coordinator: William Chittick, Comparative

Teaching Assistants Estimated Number: 4

The Program in Religious Studies offers an interdisciplinary approach to the analysis of religion in its many forms and aspects. To the variety of religious traditions, both living and historical, it brings the techniques and questions of philosophy, history, literature, and the human sciences. Designed for flexibility in meeting student interests and needs, the

Religious Studies Program offers a major, a minor, an honors program, and a variety of strong electives useful for broadening one's knowledge of religious phenomena, for supplementing the major program in many related fields of humanities and social science, and for meeting D.E.C. requirements. Further information and advising in regard to any of the program's services are available through the program coordinator.

#### Multidisciplinary Studies

Director: Alan O. Ross, Psychology

The multidisciplinary studies major (MTD), which offers no courses of its own, allows students to design their own program of study drawing on all the offerings of the university. It requires careful planning and should be undertaken only after thorough exploration of academic goals with a multidisciplinary studies advisor. (Students whose primary interest focus on disciplines within the social sciences should select the interdisciplinary major in social sciences, described on p. 198.)

#### **Medieval Studies**

Minor Coordinator: Thomas Kerth, Germanic and Slavic Languages and Literatures

Affiliated Faculty
Charles Franco, French and Italian
Sarah Fuller, Music
Aaron W. Godfrey, Comparative Studies
Jacques Guilmain, Art
Helen Rodnite Lemay, History
Anita Moskowitz, Art
Joaquin Martinez-Pizarro, English
Clyde Lee Miller, Philosophy
Joel Rosenthal, History
Walter Scheps, English
Stephen Spector, English
Louise Vasvari, Comparative Studies



The minor in medieval studies (MVL) offers students the opportunity to acquire an understanding of the historical, cultural, and social forces that shaped Western civilization during the European Middle Ages. Under the direction of an advisor from the medieval studies program faculty, the student must establish an advisement folder with the minor coordinator and construct a program of at least 24 credits fulfilling the requirements listed below.

#### Marine Sciences Research Center

Affiliated Faculty
Robert L. deZafra, Physics
William H. Greene, Medicine
Herbert Herman, Materials Science and Engineering
Lee E. Koppelman, Political Science
Jeffrey Levinton, Ecology and Evolution
William J. Meyers, Earth and space Sciences
Sheldon Reaven, Technology and Society
Lawrence B. Slobodkin, Ecology and Evolution
Franklin F.Y. Yang, Materials Science and Engineering

Teaching Assistants
Estimated number: 11

The Marine Sciences Research Center (MSRC) is the center for research, undergraduate and graduate education, and public service in the marine sciences for the State University of New York system. In addition, MSRC features five distinguished institutes: the Living Marine Resources Institute, the Coastal Ocean Action Strategies Institute, the Institute for Urban Ports and Harbors, the Waste Management Institute, and the Institute for Terrestrial and Planetary At-

mospheres. Three features distinguish MSRC from other leading oceanographic institutions: a clear focus on the coastal ocean, a persistent effort to integrate the marine and atmospheric sciences, and a commitment to translate the results of research into forms readily usable by decision makers in resolving important environmental and management problems.

MSRC offers an undergraduate major in atmospheric sciences/meteorology, a minor in marine sciences, and a certificate program in waste management. In addition, MSRC offers joint five-year programs with the Department of Earth and Space Sciences and with the College of Engineering and Applied Sciences, leading to the B.S. degree in geology or the B.E. degree in engineering science and the M.S. degree in marine environmental sciences. Students interested in entering one of these joint five-year programs should consult with their undergraduate departmental advisor and with the graduate studies director of MSRC.

MSRC offers a number of marine and atmospheric science courses that are geared toward both non-science and science majors. The first-year graduate courses at MSRC are, with the permission of the instructor and subject to university limits (see p. 74), available for advanced undergraduate students. MSRC offers opportunities to undergraduates for research and training in marine sciences, atmospheric sciences, and waste management.

#### Department of Mathematics

Chairperson: Dusa McDuff

Director of Undergraduate Studies: C. Denson Hill

Faculty

**Alfred Adler,** Professor Emeritus, Ph.D., University of California, Los Angeles: Differential geometry and mathematical economics.

**Michael T. Anderson,** Professor, Ph.D., University of California, Berkeley: Differential geometry.

**William Barcus**, Professor, D. Phil., Oxford University: Algebraic topology.

**Emili Bifet**, Associate Professor, Ph.D., University of Chicago: Algebraic geometry.

**Christopher Bishop,** Associate Professor, Ph.D., University of Chicago: Analysis.

**Philip Boyland,** Assistant Professor, Ph.D., University of lowa: Dynamical systems.

**Ronald Douglas,** Professor, Ph.D., Louisiana State University: Operator theory; functional analysis.

**David Ebin,** Professor, Ph.D., Massachusetts Institute of Technology: Global analysis.

**William Fox**, Associate Professor, Ph.D., University of Michigan: Complex analysis.

**Lenore Frank,** Lecturer, M.S., Yeshiva University: Mathematics education.

**Daryl Geller,** Professor, Ph.D., Princeton University: Analysis.

James Glimm, Distinguished Professor, Ph.D., Columbia University: Applied mathematics; numerical analysis.

**Christophe Gole,** Assistant Professor, Ph.D., Boston University: Hamiltonian dynamics.

**Detlef Gromoll,** Professor, Ph.D., Bonn University: Differential geometry.

**C. Denson Hill,** Professor, Ph.D., New York University: Partial differential equations; several complex variables.

Lowell Jones, Professor, Ph.D., Yale University: Topology.

**Anthony Knapp,** Professor, Ph.D., Princeton University: Lie groups.

Irwin Kra, Professor, Ph.D., Columbia University: Complex analysis; Kleinian groups.

Paul G. Kumpel, Professor, Ph.D., Brown University: Algebraic topology. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1990, and the President's Award for Excellence in Teaching, 1990.

Henry Laufer, Professor, Ph.D., Princeton University: Several complex variables.

**H. Blaine Lawson, Jr., Professor, Ph.D., Stanford University:** Differential geometry; topology.

Claude Le Brun, Associate Professor, D. Phil., Oxford University: Complex analysis; mathematical physics.

William Lister, Professor Emeritus, Ph.D., Yale University: Algebra.

**Mikhail Lyubich,** Associate Professor, Ph.D., Tashkent State University: Dynamical systems.

Marco Martens, Assistant Professor, Ph.D., Technical University of Delft: Dynamical systems.

**Bernard Maskit,** Professor and Graduate Studies Director, Ph.D., New York University: Complex analysis; Kleinian groups.

Hisayosi Matumoto, Assistant Professor, Ph.D., Massachusetts Institute of Technology; Lie groups.



**Dusa McDuff,** Professor, Ph.D., Cambridge University: Operator theory; topology.

Marie-Louise Michelsohn, Professor, Ph.D., University of Chicago: Differential geometry.

John W. Milnor, Distinguished Professor, Ph.D., Princeton University: Dynamical systems.

**Anthony Phillips**, Professor, Ph.D., Princeton University: Differential topology.

Joel Pincus, Professor, Ph.D., New York University: Operator theory and integral equations.

**Bradley James Plohr,** Associate Professor, Ph.D., Princeton University: Mathematical physics; numerical analysis.

**Chih-Han Sah,** Professor, Ph.D., Princeton University: Algebra; group theory and its applications.

**Vadim V. Schechtman,** Professor, Ph.D., Moscow State University: Mathematical physics.

**E. Rapaport Strasser,** Professor Emerita, Ph.D., New York University: Combinatorial group theory.





cott Sutherland, Assistant Professor, Ph.D., Boston Univerty: Dynamical systems.

**irzegorz Swiatek**, Assistant Professor, Ph.D., University of Varsaw: Dynamical systems.

eter Szusz, Professor, Ph.D., University of Budapest: Anaytic number theory.

**Leon Takhtajan,** Professor, Ph.D., Leningrad Branch of the Steklov Mathematical Institute: Mathematical physics.

**Nicholas Teleman,** Professor, Ph.D., Massachusetts Institute of Technology: Differential geometry.

**Gang Tian,** Associate Professor, Ph.D., Harvard University: Differential geometry.

**Ira Wolf**, Lecturer, Ph.D., Rutgers University: Mathematics education.

Eugene Zaustinsky, Professor, Ph.D., University of Southern California: Differential geometry.

## Affiliated Faculty

Abraham Neyman, Applied Mathematics and Statistics

Michael Taksar, Applied Mathematics and Statistics

Teaching Assistants
Estimated number: 41

Mathematics is an essential element in a wide range of human activities. It is the language of the physical sciences, and as such is an indispensable tool in the formulation of the laws of nature. In the social and biological sciences it plays an increasingly important role in modeling complicated, large-scale phenomena. In addition, mathematics has an aesthetic side; awareness of the possibility of elegance and beauty in mathematical arguments has been a significant feature of human culture throughout history. Today more mathematics is being done, and more needs to be done, than ever before.

The faculty of the Department of Mathematics enjoys an outstanding international reputation. The department offers courses at many levels, meeting the diverse needs of Stony Brook students. Courses range from those at the freshman level, which are offered in several sequences running at different paces, to advanced courses suitable for graduate students studying at a major research university.

The undergraduate course offerings in mathematics allow students to set up individualized programs of study consistent with their academic interests and career plans. Students should consider majoring in mathematics even if they do not plan to become mathematicians or teachers of mathematics. The training in abstract reasoning and problem solving is an excellent foundation for many different careers, such as law, graduate health professions, and business. Completion of a major in mathematics points to a thinking

person

Students are encouraged to explore the various branches of pure and applied mathematics, as well as other mathematically oriented disciplines, in order to gain both breadth of knowledge and insight into career options. Mathematics majors can use their training as the foundation for advanced professional study, leading to research and teaching in universities or research in industrial research laboratories; they can use it also in secondary school teaching. In industry, undergraduate training in mathematics is excellent preparation for the important task of liaison work between the technological arm of a company and its marketing arm. A major in mathematics is particularly appropriate for work in computer applications, operations research, and actuarial science. Double majors in mathematics and another field, such as physics, computer science, applied mathematics and statistics, or economics, are common and are encouraged.

The secondary teacher preparation option is designed for students planning a career teaching mathematics in a secondary school. This option is described in detail in the section "Mathematics Secondary Teacher Preparation Program."

The honors program is designed for students with a high standard of achievement who wish to study mathematics at an advanced level. This option is described in detail in the subsection "Honors Program in Mathematics." Any student interested in graduate studies in mathematics, or in mathematics-intensive sciences such as theoretical physics, should consider participating in the honors program.

The Department of Mathematics offers tutorial help to all undergraduate students in its 100-level courses. The Mathematics Learning Center focuses on precalculus mathematics, and the Calculus Resource Room focuses on calculus courses.

The department encourages students to seek information and advice on appropriate mathematics courses, programs, and career goals. Professors in mathematics are available as advisors in the Undergraduate Mathematics Office to help with these matters. Advising hours can be obtained by calling the Department of Mathematics.

#### Mathematics Secondary Teacher Preparation Program

Director: Ira Wolf, Mathematics

This program prepares students for a career as a teacher of mathematics in the secondary schools. It satisfies all requirements for New York State provisional certification for teaching mathematics, grades 7-12.

Students wishing to enroll in the program should register with the director of mathematics teacher preparation by the end of the freshman year, if possible, and at the latest before registering for the junior year.

#### Department of Music

Chairperson: Sarah Fuller

Director of Undergraduate Studies: Judith Lochhead

#### Faculty

Joseph Auner, Assistant Professor, Ph.D., University of Chicago: 19th- and 20th-century history and theory.

Samuel Baron, Professor, B.S., Julliard School of Music; pupil of George Barrere and Arthur Lora: Flute; chamber music.

**E. Anthony Bonvalot,** Associate Professor Emeritus, Ph.D., Harvard University: Renaissance history.

**Timothy Eddy,** Professor, M.Mus., Manhattan School of Music: Cello; chamber music.

Sarah Fuller, Associate Professor, Ph.D., University of California, Berkeley: Medieval and Renaissance history and theory. Recipient of the President's Award for Excellence in Teaching, 1984.

**Robert Gjerdingen,** Associate Professor, Ph.D., University of Pennsylvania: Music theory; psychology of music; ethnomusicology.

Lazar Gosman, Professor, Diploma, Moscow State Conservatory; pupil of David Oistrakh: Violin; chamber music.

**Perry Goldstein,** Assistant Professor, D.M.A., Columbia University: Musicianship.

**Gilbert Kalish,** Professor and Codirector of Contemporary Chamber Players, B.A., Columbia University: Piano; chamber music.

**Richard Kramer,** Professor, Ph.D., Princeton University: 18th-century history; Beethoven; Schubert.

**David Lawton,** Professor and Graduate Studies Director, Ph.D., University of California, Berkeley: Orchestral and opera conducting; 19th-century history.

**Billy Jim Layton** Professor Emeritus, Ph.D., Harvard University: Composition; theory.

John Lessard, Professor Emeritus, Diploma, Ecole Normale; Diploma, Longy School of Music: Composition, theory.

**Julius Levine,** Professor, B.S., Juilliard School of Music: String bass; chamber music.

**Judith Lochhead,** Associate Professor, Ph.D., State University of New York at Stony Brook: 20th-century theory and history.

**Bradley Lubman,** Lecturer and Director of the Stony Brook Symphony Orchestra, M.M., State University of New York at Stony Brook: Conducting; contemporary music performance.

**Timothy Mount,** Associate Professor and Director of Choral Music, D.M.A., University of Southern California: Choral conducting.

**Charles Rosen,** Distinguished Professor Emeritus, Ph.D., Princeton University: History; interdisciplinary studies in music, literature, art, and philosophy.

**Daria Semegen,** Associate Professor and Director of Electronic Music Studio, M.Mus., Yale University: Composition; theory; electronic music.

**Sheila Silver,** Associate Professor, Ph.D., Brandeis University: Composition; theory.

Jane Sugarman, Assistant Professor, Ph.D., University of California, Los Angeles: Ethnomusicology; world music cultures.

**Daniel Weymouth,** Assistant Professor and Director of Computer Music Studio, Ph.D., University of California, Berkeley: Composition; computer music and technology.

Peter Winkler, Associate Professor, M.F.A., Princeton University: Composition; theory, popular music. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1977.

#### Performing Artists in Residence

**Ronald Anderson,** M.S., Juilliard School of Music; Ed.D., Columbia University: Trumpet; chamber music.

**Elaine Bonazzi,** B. Mus., Eastman School of Music: Voice; opera workshop.

**Ronald Borror,** D.M.A., Yale University: Trombone; chamber music.

Martin Canin, M.S., Juilliard School of Music: Piano; chamber music.

**Raymond Des Roches,** Codirector, Contemporary Chamber Players, M.Mus., Manhattan School of Music: Percussion; chamber music.

**Arthur Haas,** M.A., University of California, Los Angeles: Harpsichord; performance of early music.

Jack Kreiselman, Director of University Wind Ensemble and University Orchestra, Manhattan School of Music; pupil of Simeon Bellison and Simon Koyar: Clarinet; chamber music.

Caroline Levine, B.Mus., The Curtis Institute of Music: Viola; chamber music.

**William Ludwig,** M.Mus., Yale School of Music: Bassoon; wind ensemble; chamber music.

Thomas Muraco, M.Mus., Eastman School of Music: Vocal

Charles Neidich, B.A., Yale University; Diploma, Moscow State Conservatory: Clarinet; chamber music.

William Purvis, M.Mus., Hunter College: Horn; chamber music.

**Joyce Robbins**, B.S., Juilliard School of Music: Violin; viola; pedagogy; chamber music.

Jerry Willard, Cleveland Institute of Music; study with John Williams and Misha Mishakoff: Guitar; chamber music.

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 54

The undergraduate major in music is designed as a balanced educational program that serves as preparation for professional careers and advanced training in performance, composition, scholarship, and teaching.

#### Department of Philosophy

Acting Chairperson: Clyde L. Miller

Director of Undergraduate Studies: Patrick Grim

Faculty

**David B. Allison,** Associate Professor, Ph.D., Pennsylvania State University: Contemporary European philosophy.

**Kenneth Baynes**, Assistant Professor, Ph.D., Boston University: Social and political philosophy; moral theory; modern and contemporary German philosophy.

**Edward S. Casey,** Professor, Ph.D., Northwestern University: Philosophy of psychology; aesthetics; phenomenology.

**Robert Crease**, Assistant Professor, Ph.D., Columbia University: Philosophy of science; aesthetics; modern philosophy.

**David A. Dilworth,** Professor, Ph.D., Fordham University; Ph.D., Columbia University: History of philosophy; Chinese and Japanese philosophy.

**Sidney Gelber,** Distinguished Service Professor Emeritus, Ph.D., Columbia University: Political philosophy.

Patrick Grim, Associate Professor, Ph.D., Boston University: Ethics; logic; contemporary analytic philosophy. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1988, and the President's Award for Excellence in Teaching, 1988.

Patrick Aidan Heelan, Professor Emeritus, Ph.D., University of Louvain; Ph.D., St. Louis University: Philosophy of science.

**Dick Howard,** Professor, Ph.D., University of Texas: Political and social philosophy.

**Don Ihde**, Professor, Ph.D., Boston University: Phenomenology; philosophy of technology; hermeneutics.

**Eva Feder Kittay,** Associate Professor and Graduate Studies Director, Ph.D., City University of New York: Philosophy of language; philosophy and literature; feminism.

**Peter Ludlow,** Assistant Professor, Ph.D., Columbia University: Philosophy of linguistics; philosophy of cognitive science; philosophy of language.

Gary Mar, Assistant Professor, Ph.D., University of California, Los Angeles: Logic; philosophy of science; philosophy of mathematics

Clyde Lee Miller, Associate Professor, Ph.D., Yale University: History of philosophy. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1980.

**Rita D. Nolan,** Associate Professor, Ph.D., University of Pennsylvania: Theory of knowledge; philosophy of language; philosophy of psychology.

**Francois Raffoul,** Assistant Professor, Ancien eleve de l'Eccole Normale Superieure, Agrege de Philosophie: History of philosophy; continental philosophy.

Mary C. Rawlinson, Associate Professor, Ph.D., Northwestern University: 19th-century philosophy; philosophy of medicine; aesthetics and literary theory; Hegel; philosophical psychology.

**Hugh J. Silverman,** Professor, Ph.D., Stanford University: Continental philosophy; literary theory; history of ideas. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1977.

**Michael Simon,** Professor, Ph.D., Harvard University; J.D., Cardozo School of Law: Philosophy of mind; philosophy of biology and of the social sciences; philosophy of law; social philosophy.

Marshall Spector, Professor, Ph.D., The Johns Hopkins University: Philosophy of science; philosophy of technology.

Victorino Tejera, Professor Emeritus, Ph.D., Columbia University: Aesthetics; classical philosophy.

Walter Watson, Professor Emeritus, Ph.D., University of Chicago: History of philosophy.

**Donn Welton,** Associate Professor, Ph.D., Southern Illinois University: Phenomenology; epistemology.

**Anthony Weston,** Associate Professor, Ph.D., University of Michigan: Ethics and value theory; environmental ethics; social philosophy.

Peter Williams, Associate Professor, J.D., Ph.D., Harvard University: Philosophy of law; ethics. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1978.

Affiliated Faculty
Donald Kuspit, Art
Peter Manchester, Comparative Studies

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 17

#### Department of Physical Education

Chairperson: John W. Ramsey

Faculty

**David B. Alexander,** Instructor, part time, M.S., Adelphi University: Aquatics.

**Peter G. Angelo,** Assistant Professor, Ph.D., State University of New York at Stony Brook: Aquatics.

**Kathleen P. Borbet,** Lecturer, part time, A.A., State University of New York College of Technology at Farmingdale: Aerobics.

**Stephen Borbet**, Lecturer, part time, M.A., Adelphi University: Track and field.

**David Caldiero,** Instructor, M.S., University of Bridgeport: Football; general physical education.

**Lizanne Coyne**, Instructor, M.S., Norwich University: Soccer; general physical eduction.

**John DeMarie**, Associate Professor, M.A., Adelphi University: Aquatics; general physical education.

**Susan DiMonda**, Instructor, M.A., Adelphi University: General physical education.

**Paul J. Dudzick,** Associate Professor and Associate Director of Men's Athletics, M.A., State University of New York at Stony Brook: General physical education.

**John Espey**, Assistant Professor, M.A., University of North Carolina at Chapel Hill: Lacrosse; general physical education.

**Nobuyoshi Higashi,** Associate Professor, part time, M.A., New York University: Self-defense; judo.

**Samuel B. Kornhauser,** Associate Professor and Director of Men's Athletics, M.S., Southern Illinois University: Football; general physical education.

Kathyrn Ann Koshansky, Assistant Professor, M.S., University of Illinois at Urbana-Champaign: Athletic training; first aid and safety. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1989, and the President's Award for Excellence in Teaching, 1989.



David Lawton, Music

**Ira S. Levine,** Instructor, M.S., C.W. Post College: Athletic training; first aid and cardiopulmonary resuscitation.

**George Lukemire,** Assistant Professor, part time, B.S., Cornell University: Horsemanship.

**Colin A. Martindale,** Associate Professor and Director of Professional Studies, Ph.D., City University of New York: General physical education.

**Declan X. McMullen,** Lecturer, part time, M.A., New York University: Basketball.

**Susan Moor,** Assistant Professor, part time, M.S., Smith College: General physical education.

**Masataka Mori,** Associate Professor, part time, B.A., Takushoku University: Karate.

**John W. Ramsey**, Associate Professor, M.S., Hofstra University: General physical education.

Susan Ryan, Assistant Professor, M.A., State University of New York at Stony Brook: Soccer; general physical education.

**Nicholas Sansom**, Instructor, M.A., Adelphi University: Soccer, general physical education.

Matthew Senk, Lecturer, part time, B.S., State University College at Cortland: Baseball.

**Robert B. Snider,** Assistant Professor, B.S., College of William and Mary: Squash; general physical education.

**RossJames Tazzetta,** Lecturer, part time, B.A., State University of New York at Stony Brook: First aid and cardiopulmonary resuscitation.

**Theresa Tiso,** Associate Professor, M.S., State University College at Cortland: Volleyball; general physical education.

**Bernard Tomlin,** Lecturer, B.A., Hofstra University: Basketball

**David Villano**, Lecturer, part time, Certificate, Dance Educators of America: Dance.

**A. Henry von Mechow,** Professor Emeritus, M.S., State University College at Cortland: General physical education.



Dr. Don Idhe, Philosophy

Sandra Weeden, Associate Professor and Director of Women's Athletics, M.Ed., University of North Carolina at Greensboro: General physical education.

Adjunct Faculty
Estimated number: 3

Teaching Assistants
Estimated number: 3

The Department of Physical Education is dedicated to developing the abilities and character of each student in order to foster a healthy and productive life. The curriculum is directed toward helping each student acquire a foundation in movement, skill, knowledge, and appreciation that has lifetime application.

The Department of Physical Education supports and is

The Department of Physical Education supports and is enhanced by the positive interaction among intramurals, intercollegiate athletics, and related Continuing Education programs.

Students in the College of Arts and Sciences may offer a maximum of ten PEC credits, including no more than four credits of 100-level courses, toward the 120 credits required for the bachelor's degree. Only three credits of physical education may be counted toward degree requirements in the College of Engineering and Applied Sciences.

#### **Facilities**

Indoor sports facilities are housed in the Indoor Sports Complex, which has a main arena that seats 3,900 for basket-ball and volleyball and 5,000 for special events such as lectures, concerts, and graduation ceremonies. The complex contains a four-lane, five-sprint-lane track (177 meters in distance); six glass, back-walled squash courts, locker room facilities including six team rooms, and a training room with capacity for hydrotherapy and electrotherapy.

The complex also includes a gymnasium that seats 1,800 for basketball or volleyball. When not in use for competition, the gymnasium contains three multipurpose courts suitable for basketball, volleyball, badminton, and indoor soccer. The facility also houses a six-lane, 25-yard pool, eight racquetball courts, two Universal weight rooms, a dance studio, and an exercise room.

Outdoor physical education and athletic facilities extend over 25 acres and include the 2,500-seat Patriot Field, which is the home of football and lacrosse; 20 tennis courts; a sixlane, 400-meter running track; four single-wall handball-paddleball courts; and fields for varsity soccer, baseball, and softball. Intramural fields are available for softball, touch football, soccer, beach volleyball, and many other sports.

Most facilities may be used for recreational purposes when they are not scheduled for classes, intercollegiate athletics, intramural competitions, or special events. Current schedules of recreation hours may be obtained in the Physical Education Office.

#### **Department of Physics**

Chairperson: Gene D. Sprouse

Director of Undergraduate Studies: Robert L. McCarthy

#### **Faculty**

Philip B. Allen, Professor, Ph.D., University of California, Berkeley: Theoretical solid-state physics; superconductors and superconductivity.

**Dimitri Averin,** Assistant Professor, Ph.D., Moscow State University: Solid-state physics.

**Nandor L. Balazs,** Professor, Ph.D., University of Amsterdam: Theoretical physics; statistical mechanics; general relativity.

**Ilan Ben-Zvi,** Adjunct Professor, Ph.D., Weizmann Institute: Accelerator and beam physics.

**Peter Braun-Munzinger,** Professor, Ph.D., University of Heidelberg: Experimental nuclear physics.

**Gerald E. Brown,** Distinguished Professor, Ph.D., Yal University; D.Sc., University of Birmingham: Theoretical nuclear physics. Member, Institute for Theoretical Physics.

**Robert L. deZafra,** Professor, Ph.D., University of Maryland at College Park: Experimental atomic physics; optical pumping and double resonance quantum electonics.

**Roderich Engelmann**, Professor, Ph.D., University of Heidelberg: Experimental elementary particle physics.

**Richard C. Fernow,** Adjunct Professor, Ph.D., Syracuse University: Experimental accelerator physics.

**Guido Finocchiaro,** Professor, Ph.D., Catania University: Experimental particle physics.

**David B. Fossan,** Professor, Ph.D., University of Wisconsin-Madison: Experimental nuclear physics; nuclear structure and reactions.

**David Fox,** Professor Emeritus, Ph.D., University of California, Berkeley: Theoretical physics; solid-state theory; properties of molecular crystals.

Marvin Geller, Adjunct Professor, Ph.D., Massachusetts Institute of Technology: Atmospheric dynamics.

**Alfred S. Goldhaber**, Professor, Ph.D., Princeton University: Theoretical physics; nuclear theory; particle physics. Member, Institute for Theoretical Physics.

**Vladimir Goldman**, Associate Professor, Ph.D., University of Maryland at College Park: Experimental low-temperature physics.

**Myron L. Good,** Professor Emeritus, Ph.D., Duke University: Experimental elementary particle physics.

**Erlend H. Graf,** Associate Professor, Ph.D., Cornell University: Experimental low-temperature physics.

**Paul D. Grannis,** Professor, Ph.D., University of California, Berkeley: Experimental high-energy physics; elementary particle reactions.

Michael Gurvitch, Professor, Ph.D., State University of New York at Stony Brook: Experimental solid-state physics.

**Thomas Hemmick**, Assistant Professor, Ph.D., University of Rochester: Experimental relativistic heavy-in nuclear physics.

**Andrew D. Jackson, Professor, Ph.D., Princeton University:** Nuclear theory.

**Chris Jacobsen,** Assistant Professor, Ph.D., State University of New York at Stony Brook: X-ray physics.

Jainendra Jain, Assistant Professor, Ph.D., State University of New York at Stony Brook: Theoretical solid-state physics.

**Chang Kee Jung**, Assistant Professor, Ph.D., Indiana University: Experimental high-energy physics.

**Peter B. Kahn,** Professor, Ph.D., Northwestern University: Theoretical physics; the many-body problem; statistical properties of spectra; curriculum development.

Janos Kirz, Professor, Ph.D., University of California, Berkeley: Experimental particle physics. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1976.

**Peter M. Koch,** Professor, Ph.D., Yale University: Experimental atomic physics; synchrotron radiation.

**Vladimir Korepin**, Professor, Ph.D., Leningrad University: Exactly solvable models in quantum field theory. Member, Institute for Theoretical Physics.

**T.T.S. Kuo,** Professor, Ph.D., University of Pittsburgh: Nuclear theory.

**Linwood L. Lee, Jr.,** Professor, Ph.D., Yale University: Experimental nuclear structure.

**Juliet Lee-Franzini,** Professor, Ph.D., Columbia University: Experimental particle physics.

**Konstantin Likharev**, Professor, Ph.D., Moscow State University: Solid-state physics.

**James Lukens,** Professor, Ph.D., University of California, San Diego: Experimental solid-state physics.

**Robert L. McCarthy,** Professor, Ph.D., University of California, Berkeley: Experimental elementary particle physics.

**Barry M.** McCoy, Professor, Ph.D., Harvard University: Statistical mechanics. Member, Institute for Theoretical Physics.

**Robert L. McGrath,** Professor, Ph.D., University of Iowa: Experimental physics; nuclear structure.

**John H. Marburger,** Professor, Ph.D., Stanford University: Theoretical laser physics.

**Michael Marx,** Professor, Ph.D., Massachusetts Institute of Technology: Experimental high-energy physics.

Harold J. Metcalf, Professor and Graduate Studies Director, Ph.D., Brown University: Atomic physics; level crossing techniques. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.

**Laszlo Mihaly,** Professor, Ph.D., University of Budapest: Experimental low-temperature physics.

**Mohammad Mohammadi,** Assistant Professor, Ph.D., University of Wisconsin-Madison: High-energy physics.

**Richard A. Mould,** Associate Professor, Ph.D., Yale University: Theoretical physics; general relativity; quantum theory of measurements.

**Herbert R. Muether,** Professor, Ph.D., Princeton University: Experimental nuclear physics; neutron physics. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1978.

**Robert Nathans,** Professor, Ph.D., University of Pennsylvania: Experimental solid-state physics.

**Hwa-Tung Nieh,** Professor, Ph.D., Harvard University: Theoretical physics; elementary particles. Member, Institute for Theoretical Physics.

**Luis Orozco,** Assistant Professor, Ph.D., University of Texas at Austin: Experimental atomic physics.

**Robert Palmer,** Adjunct Professor, Ph.D., Imperial College: Accelerator physics.

**Peter Paul,** Distinguished Service Professor, Ph.D., University of Freiburg: Experimental nuclear physics.

Michael Rijssenbeek, Associate Professor, Ph.D., University of Amsterdam: Experimental high-energy physics.

Martin Rocek, Professor, Ph.D., Harvard University: Theoretical physics. Member, Institute for Theoretical Physics.

**Robert Shrock,** Professor, Ph.D., Princeton University: Theoretical physics; gauge theories. Member, Institute for Theoretical Physics.

**Edward Shuryak,** Professor, Ph.D., Novosibirsk Institute of Nuclear Physics: Theoretical nuclear physics.

Warren Siegel, Professor, Ph.D., University of California, Berkeley: Theoretical physics; strings. Member, Institute for Theoretical Physics.

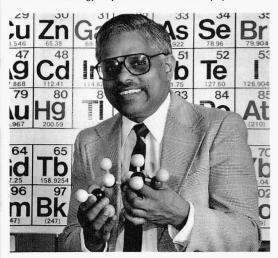
Henry B. Silsbee, Professor Emeritus, Ph.D., Harvard University: Experimental physics; molecular and atomic beams; magnetic resonance.

**John Smith,** Professor, Ph.D., University of Edinburgh: Elementary particle physics. Member, Institute for Theoretical Physics.

**Gene D. Sprouse,** Professor, Ph.D., Stanford University: Experimental nuclear structure.

**Johanna Stachel**, Associate Professor, Ph.D., University of Mainz: Experimental nuclear structure.

**Peter W. Stephens,** Professor, Ph.D., Massachusetts Institute of Technology; Experimental solid-state physics.



#### Dr Krishnan Physics, Chemistry

**George Sterman,** Professor, Ph.D., University of Maryland at College Park: Theoretical physics; elementary particles. Member, Institute for Theoretical Physics.

**Arnold A. Strassenburg**, Professor, Ph.D., California Institute of Technology: Experimental particle physics; high-energy instrumentation; curriculum development.

Clifford E. Swartz, Professor, Ph.D., University of Rochester: Experimental high-energy physics; school curriculum revision.

**Peter van Nieuwenhuizen,** Professor, Ph.D., Utrecht University: Theoretical physics. Member, Institute for Theoretical Physics.

**Jacobus Verbaarschot**, Assistant Professor, Ph.D., University of Utrecht: Nuclear theory.

**William I. Weisberger,** Professor, Ph.D., Massachusetts Institute of Technology: Theoretical physics. Member, Institute for Theoretical Physics.

Chen Ning Yang, Einstein Professor and Director of Institute for Theoretical Physics, D.Sc., Princeton University; Ph.D., University of Chicago: Theoretical physics; field theory; statistical mechanics; particle physics.

**Ismail Zahed,** Associate Professor, Ph.D., Massachusetts Institute of Technology: Theoretical nuclear physics.

Adjunct Faculty
Estimated number: 2

Teaching Assistants
Estimated number: 57

The main goal of the physics program is to teach students how to think about the world in a scientific manner. This basic education is applicable to many fields (physics, engineering, computer programming, astronomy, geology, biophysics, medicine, medical technology, teaching, law, business, etc.). Students preparing for research in physics or a related field should consider meeting the requirements of

the physics major with honors. Students should see their advisors often in order to plan course programs that remain current with their interests.

#### Department of Psychology

Chairperson: Alexandra W. Logue

Director of Undergraduate Studies: Paul M. Wortman

#### Faculty

**Robert Boice**, Professor, Ph.D., Michigan State University: Faculty development; clinical psychology.

**Dana Bramel**, Professor, Ph.D., Stanford University: Interpersonal perception; social psychology.

**Jasper Brener**, Professor, Ph.D., University of London: Cardiovascular psychophysiology; behavioral energetics; autonomic learning.

**Susan Brennan**, Assistant Professor, Ph.D., Stanford University: Cognitive psychology; psychology of language; memory for pictorial information.

**Barbara J. Burkhard,** Adjunct Assistant Professor, Ph.D., State University of New York at Stony Brook: Community prevention and treatment programs for child abuse and family violence; assessment of child victims.

**Edward G. Carr,** Professor, Ph.D., University of California, San Diego: Behavior modification; developmental disabilities; language and communication.

**David Cross,** Associate Professor, Ph.D., University of Michigan: Psychophysics; mathematical models.

**Thomas J. D'Zurilla,** Associate Professor, Ph.D., University of Illinois at Urbana-Champaign: Cognitive-behavior therapy; social problem solving; problem-solving therapy.

**Edward Eisenstein,** Adjunct Professor, Ph.D., University of California, Los Angeles; M.D., Michigan State University: Learning and memory mechanisms in lower animals; learning and memory pathology in humans.

**David S. Emmerich,** Professor, Ph.D., Indiana University: Sensory processing; perception.

Nancy J. Franklin, Assistant Professor, Ph.D., Stanford University: Memory; spatial cognition; mental models of dynamic physical systems.

**Robert W. Frick,** Assistant Professor, Ph.D., University of Washington: Cognitive psychology; human learning.

**Ronald Friend,** Professor and Graduate Studies Director, Ph.D., University of Toronto: Social psychology; health psychology.

**David C. Glass, Professor, Ph.D., New York University: Behavior patterns; stress and coronary disease.** 

Marvin R. Goldfried, Professor, Ph.D., State University of New York at Buffalo: Behavioral assessment; cognitive behavior therapy.

**Andrew R. Harver,** Adjunct Assistant Professor, Ph.D., Ohio University: Psychophysiology; respiratory psychophysics; symptom perception and obstructive lung disease.

**Lynette Hockman**, Adjunct Assistant Professor Ph.D., State University of New York at Stony Brook: Child, family, and school psychology; cognitive development; child abuse; social attributions.

**Paul S. Kaplan,** Adjunct Assistant Professor, Ph.D., New York University: Developmental psychology.

**Edward S. Katkin,** Professor, Ph.D., Duke University: Psychophysiological disorders; assessment of emotions.

**Daniel N. Klein,** Associate Professor, Ph.D., State University of New York at Buffalo: Mood disorders; psychopathology.

Fredric Levine, Associate Professor, Ph.D., Northwestern University: Behavior modification; motivation; schizophrenia.

Marvin Levine, Professor Emeritus, Ph.D., University of Wisconsin-Madison: Human learning with emphasis on congnitive functions.

**Robert M. Liebert,** Professor, Ph.D., Stanford University: Observational learning; laboratory methodology; statistics.

Marci Lobel, Assistant Professor, Ph.D., University of California, Los Angeles: Health psychology; prenatal stress and birth outcome.

**Alexandra W. Logue**, Professor, Ph.D., Harvard University: Choice; self-control; food preferences and aversions; history of psychology.

**Emil Menzel,** Professor, Ph.D., Vanderbilt University: Primate behavior; social behavior.

**H.** William Morrison, Associate Professor, Ph.D., University of Michigan: Perception of abstract relations; instructional techniques.

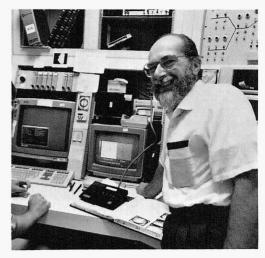
Marc Nathan, Adjunct Professor, Ph.D., University of Washington: Stress-induced hypertension; effects of drugs on learning and memory.

John Neale, Professor, Ph.D., Vanderbilt University: Behavior deviations; schizophrenia.

**K. Daniel O'Leary,** Distinguished Professor, Ph.D., University of Illinois at Urbana-Champaign: Marital discord; hyperactivity in children.

**Susan G. O'Leary,** Professor and Director of Clinical Training, Ph.D., State University of New York at Stony Brook: Child and family problems; hyperactivity in children.

**Heywood M. Petry,** Adjunct Associate Professor, Ph.D., Brown University: Neural mechanisms of vision.



**Edward Podolnick,** Adjunct Assistant Professor, Ph.D., New York University: Psychodynamic therapies; problems of student adjustment.

David M. Pomeranz, Associate Professor, Ph.D., University of Rochester: Environmental psychology; behavior modification.

**Howard C. Rachlin,** Professor, Ph.D., Harvard University: Punishment; avoidance; choice; self-control.

**Alan O. Ross,** Professor Emeritus, Ph.D., Yale University: Psychological disorders of children; child abuse. Recipient of the President's Award for Excellence in Teaching, 1988.

Deborah Lovrich Schaub, Adjunct Research Assistant Professor, Ph.D., State University of New York at Stony Brook: Reading disabilities; language processing and brain potentials.

Nancy K. Squires, Associate Professor, Ph.D., University of California, San Diego: Human neurophysiology.

**Sarah Hall Sternglanz,** Adjunct Assistant Professor, Ph.D., Stanford University: Development; gender roles.

**Stuart Valins**, Professor, Ph.D., Columbia University: Group dynamics; environmental psychology.

**Dina Vivian,** Research Assistant Professor, Ph.D., State University of New York at Stony Brook: Spouse abuse; cognitive processes in dyadic communication; marital therapy.

**Everett Waters,** Professor, Ph.D., University of Minnesota: Social and personality development.

Harriet S. Waters, Associate Professor, Ph.D., University of Minnesota: Memory and cognitive development.

**Gerdi Weidner,** Associate Professor, Ph.D., Kansas State University: Health psychology; personality.

**Sheldon Weintraub**, Adjunct Professor, Ph.D., University of Minnesota: Children at high risk.

John J. Werner, Adjunct Assistant Professor, Ph.D., Hofstra University: Clinical and school psychology; special education.

**Grover, J. Whitehurst,** Professor, Ph.D., University of Illinois at Urbana-Champaign: Early intervention for children at risk; language disorders.

## Department of Political Science

Chairperson: Mark Schneider

Director of Undergraduate Studies: Frank Myers

**Faculty** 

Tricia T. Alden, Lecturer, part time, J.D., Fordham University School of Law: Women and the law.

**Albert D. Cover**, Associate Professor, Ph.D., Yale University: American politics and institutions; legislative politics.



James F.X. Doyle, Lecturer, part time, J.D., Fordham University School of Law: Administrative law.

**Stanley Feldman,** Professor and Graduate Studies Director, Ph.D., University of Minnesota: Political behavior and political sociology; logic of inquiry and research design; statistics.

Wendy Hansen, Assistant Professor, Ph.D., California Institute of Technology: Political economy; public policy; microeconomics.

**Leonie Huddy**, Assistant Professor, Ph.D., University of California, Los Angeles: Political psychology; public opinion.

**Joel T. Kaji,** Assistant Professor, Ph.D., University of Michigan: American politics; methodology.

Elliot Kleinman, Professor, part time, J.D., Brooklyn Law School: Business law.

**Lee E. Koppelman,** Professor, D.P.A., New York University: Regional planning; resource management.

Milton Lodge, Professor, Ph.D., University of Michigan: Political psychology; political behavior.

**Kathleen McGraw**, Associate Professor, Ph.D., Northwestern University: Social psychology; cognition; research methods; psychology and the law.

**Frank Myers,** Professor, Ph.D., Columbia University: Comparative politics; political theory.

**Helmut Norpoth,** Professor, Ph.D., University of Michigan: Political behavior; legislative process; research process; research methods.

Victor C. Ottati, Assistant Professor, Ph.D., University of Illinois at Urbana-Champaign: Political psychology; experimental social psychology.

**Mitchell H. Pally,** Lecturer, part time, J.D., Albany Law School: Legislative and economic affairs; state and local politics.

Merton Reichler, Adjunct Professor Emeritus, M.A., Columbia University: Constitutional law.

**Howard A. Scarrow**, Professor, Ph.D., Duke University: Comparative politics; American government; political parties. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1987, and the President's Award for Excellence in Teaching, 1987.

Mark Schneider, Professor, Ph.D., University of North Carolina at Chapel Hill: Public policy; urban politics.

**John Scholz,** Professor, Ph.D., University of California, Berkeley: Public policy; public administration.

Jeffrey A. Segal, Professor, Ph.D., Michigan State University: American institutions; constitutional and public law.

**Charles Taber,** Assistant Professor, Ph.D., University of Illinois at Urbana-Champaign: International relations; political psychology; foreign policy.

**Paul Teske**, Assistant Professor, Ph.D., Princeton University: Political economy; urban politics; regulatory policy.

Martin B. Travis, Professor Emeritus, Ph.D., University of Chicago: International law; comparative foreign policy.

James W. Weller, Lecturer, part time, J.D., Hofstra University School of Law: Constitutional law.

Affiliated Faculty
Jeff T. Casey, Harriman School
Lester Paldy, Technology and Society
Olufemi O. Vaughan, Africana Studies

## Science, Mathematics, and Technology Education

Directors: Albert D. Carlson, Neurobiology and Behavior: Lester G. Paldy, Technology and Society

**Faculty** 

**Jacqueline Grennon Brooks,** Lecturer, Ed.D., Columbia University: Science education.

**Frederick Coverdale,** Lecturer, M.A., State University of New York at Stony Brook: Science education.

June K. Miller, Assistant Professor, Ed.D., Columbia University: Science education.

**Lester G. Paldy,** Distinguished Service Professor, M.S., Hofstra University: Arms control verification and negotiation; science education policy.

Margaret C. Squicciarini, Adjunct Assistant Professor, M.S., State University College at New Paltz: Elementary school science.

**Affiliated Faculty** 

Albert D. Carlson, Neurobiology and Behavior

Daniel M. Davis, Earth and Space Sciences

Barreld C. Davislas, Mathematics

Ronald G. Douglas, Mathematics

**Bernard S. Doduck,** Biochemistry and Cell Biology

Jules Elias, Pathology

George J. Hechtel, Ecology and Evolution Peter B. Henderson, Computer Science Robert C. Kerber, Chemistry

Chirakkal V. Krishnan, Chemistry
Thomas T. Liao, Technology and Society
Eli Seifman, Social Sciences Interdisciplinary

Eli Seifman, Social Sciences Interdisciplinary J.R. Schubel, Marine Sciences Research Center

Arnold A. Strassenburg, Physics Clifford E. Swartz, Physics

**Alan Tucker,** Applied Mathematics and Statistics

The Center for Science, Mathematics, and Technology Education (CSMTE) offers undergraduate science education courses satisfying New York State requirements for provisional



certification as a secondary school teacher of biology chemistry, earth science, physics, and general science.

Students who wish to enter this program are expected to consult with a CSMTE advisor and establish an advisement program prior to the beginning of the junior year. Failure to do so may result in a delay in meeting the certification requirements.

# Interdisciplinary Program in Science and Engineering

Director: Joseph W. Launer, Chemistry

The interdisciplinary program in science and engineering is designed for the residents of Baruch College. The program is intended for motivated students who wish to broaden their exposure to science and engineering beyond that offered by their major department. Participation in the program will add an academic component to each student's residential experience.

Students from all disciplines are invited to apply for admission to the program, but it is expected that most will pursue majors in one of the departments of the Division of Biological Sciences, the Division of Physical Sciences and Mathematics, or the College of Engineering.

#### **Interdisciplinary Program in Social Sciences**

Program Director: Eli Seifman

Director of Undergraduate Studies: Shi Ming Hu

**Faculty** 

**Barbara Baskin,** Associate Professor, Ed.D., Wayne State University: Special education.

**Beverly Birns,** Professor, Ph.D., Columbia University: Child and family studies; child development; psychology of women; social policy.

**Georges Fouron**, Associate Professor, Ed.D., Columbia University: Social studies education; bilingual education.

**Kenneth D. Gadow,** Professor, Ph.D., University of Illinois at Urbana-Champaign: Special education.

**Joan F. Kuchner,** Lecturer, Ph.D., University of Chicago: Child and family studies; child development; social policy.

**Shi Ming Hu,** Distinguished Teaching Professor, Ed.D., Columbia University: Chinese; Asian studies; social science education. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1989, and the President's Award for Excellence in Teaching, 1989.

**Eli Seifman**, Distinguished Service Professor, Ph.D., New York University: Social science education; Asian studies.

**Judith Wishnia,** Associate Professor, Ph.D., State University of New York at Stony Brook: Women's history; labor history; European history.

Affiliated Faculty
Joel T. Rosenthal, History

This interdisciplinary degree program (SSI) is designed for students with broad interests in the findings, questions, and methods of the social and behavioral sciences. Individual plans of study are created by combining courses from among the offerings of Africana studies, anthropology, economics, history, linguistics, political science, pyschology, sociology, women's studies, and the social sciences program courses (e.g., SSI 102). The student must com-

plete work in at least four of these fields.

The Social Sciences Interdisciplinary Program is the administrative home of the Social Studies Secondary Teacher Preparation Program and two minors: Chinese studies and child and family studies. Social sciences majors who wish to follow one of these minors as an area of concentration may choose courses in that minor so as to simultaneously fulfill a large number of their social sciences requirements. (Requirements for the two minors appear under each program title elsewhere in the alphabetical listing of Arts and Sciences programs.



Further information on the minors is available at the Social Sciences Interdisciplinary Program Office.)

## **Programs in Engineering and Applied Sciences**

Engineers and applied scientists are concerned with complex practical problems that can be approached only by those with a broad knowledge of mathematics and the physical sciences, supplemented by deeper training in a specific technical discipline. These problems often have social, political, economic, and legal aspects that must be considered in arriving at workable solutions. The understanding and judgment required to balance often conflicting technical and societal needs is acquired in part through study of the humanities and social and behavioral sciences. Consequently, the engineering and applied sciences curricula promote educational development not only in the technical areas, but in the social and behavioral sciences and humanities as well. They also provide a strong foundation of general principles that enables professional engineers and applied scientists to adapt to shifts in technological emphasis. The curricula include courses that examine contemporary technology and problems and courses that examine the technology and problems likely to be contemporary in the future. Graduates are well prepared for successful careers in large part because they are educated to develop with technology.

#### Department of Sociology

Chairperson: Andrea Tyree

Director of Undergraduate Studies: O. Andrew Collver

**Faculty** 

Said Amir Arjomand, Professor, Ph.D., University of Chicago: Comparative; historical; political; religion.

**Diane Barthel,** Associate Professor and Graduate Studies Director, Ph.D., Harvard University: Culture; sex roles; historical. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1989, and the President's Award for Excellence in Teaching, 1989.

**Ivan D. Chase,** Associate Professor, Ph.D., Harvard University: Social inequality; social structure; resource allocation; cross-species comparisons.

**Stephen Cole**, Professor, Ph.D., Columbia University: Science; theory; culture. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1992, and the President's Award for Excellence in Teaching, 1992.

**O.** Andrew Collver, Associate Professor, Ph.D., University of California, Berkeley: Complex organizations; demography; ecology.

**Lewis A. Coser,** Distinguished Professor Emeritus, Ph.D., Columbia University: Theory; sociology of knowledge and intellectuals; conflict and violence; political sociology.

Rose Laub Coser, Professor Emerita, Ph.D., Columbia University: Medical; family; organizations; socialization; women's roles.

**Genneth A. Feldman,** Professor, Ph.D., Univeity of Michigan: Social psychology; higher education; socialization.

,ohn H. Gagnon, Professor, Ph.D., University of Chicago: Deviance; family simulations; sexul conduct; social change.

:rich Goode, Professor, Ph.D., Columbia University: Deviance; criminology.

Norman Goodman, Distinguished Teaching Professor and Distinguished Service Professor, Ph.D., New York University: Social psychology; family; socialization. Recipient of the State University Chancellor's Award for Excellence in teaching, 1976.

**Mark Granovetter,** Professor, Ph.D., Harvard University: Economic and political sociology; stratification; theory.

**David Halle,** Associate Professor, Ph.D., Columbia University: Work; political; theory; social change.

**Nilufer Isvan,** Associate Professor, Ph.D., University of Michigan at Ann Arbor: Rural sociology; gender; comparative; social change.

Michael Kimmel, Associate Professor, Ph.D., University of California, Berkeley: Comparative and historical development; social movements; gender and sexuality.

Mark H. Lazerson, Assistant Professor, J.D., Ph.D., New York University: Economic; industrial; law; organizations.

**Frank Romo**, Associate Professor, Ph.D., Yale University: Statistics; methodology; social organizations; economic.

lan Roxborough, Professor, Ph.D., University of Wisconsin-Madison: Comparative social structures; development; Latin American politics; social change; Latin American labor movements.

**James B. Rule,** Professor, Ph.D., Harvard University: Theory; political sociology; technology.

Michael Schwartz, Professor, Ph.D., Harvard University: Methodology; historical; political economy; business structure; social movements. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1975.

**Judith Tanur,** Professor, Ph.D., State University of New York at Stony Brook: Statistics; methodology; social psychology. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1990, and the President's Award for Excellence in Teaching, 1990.

#### Social Studies Secondary Teacher Preparation Program

Director: Eli Seifman

Through this program students may prepare for a teaching career and complete the requirements for a New York State Provisional Certificate as a teacher of secondary school social studies.

Students who wish to enter this program are expected to consult the program director and establish an advising folder prior to the beginning of the junior year. Failure to do so may result in a delay in meeting the certification requirements. The program requires 75 credits, many of which also satisfy major requirements.

#### **Socio-Legal Studies**

Director: Michael Simon, Philosophy

Affiliated Faculty
Patrick Grim, Philosophy
Mark H. Lazerson, Sociology
John Pratt, History
Jeffrey Segal, Political Science
June Starr, Anthropology
Mary Vogel, Sociology
Peter Williams, Preventive Medicine

The interdisciplinary minor in socio-legal studies (SLS) is intended for students who have an interest in law and social control and a major in one of the social and behavioral science departments, interdisciplinary programs, or humanities departments. It emphasizes the interrelationships among social values, social control processes, bureaucracies, and legal institutions. It will be useful to students planning a career in public policy, law, legal services, rural development studies, and urban affairs. The minor requires 21 credits.

#### Women's Studies

Director: Adrienne Munich, English

Faculty

**Temma Kaplan,** Professor, Ph.D., Harvard University: Comparative history; 20th-century social movements of women.

**Carole Kessner,** Assistant Professor, part time, Ph.D., State University of New York at Stony Brook: Women and Judaism; women and ethnicity.

Connie Koppelman, Lecturer, part time, Ph.D., State University of New York at Stony Brook: Women in Long Island history; Long Island women artists.

**Adrienne Munich,** Associate Professor, Ph.D., City University of New York: Victorian literature; feminist theory.

**Sarah Hall Sternglanz,** Lecturer, Ph.D., Stanford University: Psychology of women; sex role development.

**Affiliated Faculty** Harriet Allentuch, French and Italian Frank Anshen, Linguistics William Arens, Anthropology Diane Barthel, Sociology Beverly Birns, Social Sciences Interdisciplinary Michele Helene Bogart, Art Ruth S. Bottigheimer, Comparative Studies Barbara Brand, Library Floris Barnett-Cash, Africana Studies Lou Charnon-Deutsch, Hispanic Languages and Literature Helen Cooper, English Ruth Schwartz Cowan, History Barbara Elling, Germanic and Slavic Languages and Literatures Dorothy Figueira, Comparative Studies

Ann Gibson, Art
Norman Goodman, Sociology
Robert O. Hawkins, Allied Health Professions
Laura Henigman, English
Leonie Huddy, Political Science
Nilufer Isvan, Sociology
E. Ann Kanlan, English

E. Ann Kaplan, English
Michael Kimmel, Sociology
Eva Feder Kittay, Philosphy
Joan Kuchner, Social Sciences Interdisciplin-

Brooke Larson, History

Helen Lemay, History
Marci Lobel, Psychology
Judith Lochhead, Music
Iona Man-Cheong, History
Rita Nolan, Philosophy
Maria Luisa Nunes, Hispanic Languages and

Literature
Lester Paldy, Center for Science, Mathematics, and Technology Education

Ilona Rashkow, Comparative Studies Carol Rosen, Theatre Arts Joel Rosenthal, History

Susan Squier, English
June Starr, Anthropology
Jane Sugarman, Music
Lauren Taaffe, Comparative Studies
Nancy Tomes, History
Gerdi Weidner, Psychology
Barbara Weinstein, History

Kathleen Wilson, History
Judith Wishnia, Social Sciences Interdisciplinary

Women's studies is a scholarly field that examines its subject—women—from an interdisciplinary perspective. By bringing the questions, methods, and theories, of one discipline to focus on the subject matter of others, scholars in this area often discover new approaches to their own fields, through their own insights and through their interactions with faculty and students trained in other disciplines. The Women's Studies Program provides a focus for scholars who are interested in the interdisciplinary study of women.

#### Department of Theatre Arts

Chairperson: Farley Richmond

Director of Undergraduate Studies: John Cam-

**Faculty** 

**Loyce Arthur,** Assistant Professor, M.F.A., New York University: Costume design; folklore.

**William J. Bruehl,** Professor, Ph.D., University of Pennsylvania: Directing; modern drama; improvisation; acting.

**John Cameron,** Assistant Professor, Ph.D., Kent State University: Acting; directing; American theatre.

**Dunsi Dai,** Assistant Professor, M.F.A., University of Illinois at Urbana-Champaign: Stage design.

**Richard Dunham**, Assistant Professor, M.F.A., Ohio State University: Theatrical design; scene and lighting design.

Theresa Kim, Assistant Professor, Ph.D., New York University: Acting; Asian drama.

Jonathan Levy, Distinguished Teaching Professor, Ph.D., Columbia University: Criticism; playwrighting. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1991, and the President's Award for Excellence in Teaching, 1991.

**John Lutterbie**, Assistant Professor and Graduate Studies Director, Ph.D., University of Washington: History and criticism.

**Thomas Neumiller,** Professor, M.F.A., Yale University: Acting; directing.

**Louis Peterson,** Associate Professor Emeritus, M.A., New York University: Playwrighting; acting.

Maria Ley Piscator, Adjunct Professor, Ph.D., Sorbonne: Acting.

**Norman Prusslin,** Adjunct Instructor, B.A., State University of New York at Stony Brook: Radio broadcasting; media leadership.

**Farley Richmond,** Professor, Ph.D., Michigan State University: Asian theatre; directing.

**Carol Rosen,** Associate Professor, Ph.D., Columbia University: Theory; criticism; modern drama.

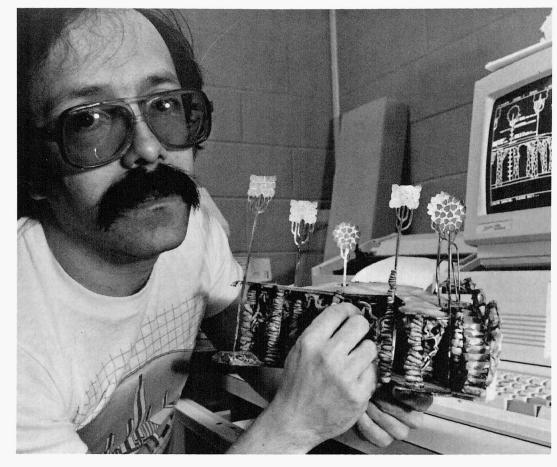
**Amy Sullivan,** Associate Professor, M.F.A., University of North Carolina at Greensboro: Modern dance with emphasis on performance and choreography.

**Randy Thomas,** Assistant Professor, M.A., Ohio State University: Ballet and jazz dance.

Rose Zimbardo, Distinguished Teaching Professor, Ph.D., Yale University: Restoration satiric drama; modern drama; the Renaissance. Recipient of the State University Chancellor's Award to Excellence in Teaching, 1981.

*Adjunct Faculty* Estimated number: 1

Teaching Assistants: Estimated number: 8



The theatre arts major offers students a comprehensive introduction to the theory and practice of the theatre arts. The core program (see A below) provides a balance of historical and practical courses, ensuring that students share a common background while encouraging them to identify and build on their strengths. Area concentrations (see B below) encourage students to develop individual talents and interests, exploring a range of information and techniques for artistic work. Students participate in theatre productions at every stage of the program. Study culminates in the senior seminar in which students pursue an advanced, individual project in theatre arts.

Students graduate with a strong background in liberal arts and theatre study. With a major in theatre arts they may pursue theatre-related careers, go on to further theatre study, or enter other professions such as law, business, publishing, advertising, and public relations.





#### **Department of Computer Science**

Chairperson: Philip M. Lewis

Undergraduate Program Director: Peter B. Henderson

Faculty

**Leo Bachmair,** Associate Professor, Ph.D., University of Illinois at Urbana-Champaign: Computational logic; automated deduction; symbolic computation.

Hussein G. Badr, Associate Professor, Ph.D., Pennsylvania State University: Computer communication networks and protocols; performance evaluation, modeling, and analysis.

**Arthur J. Bernstein,** Professor, Ph.D., Columbia University: Distributed algorithms; design and correctness of operating systems; concurrent programming.

Tzi-cker Chiueh, Assistant Professor, Ph.D., University of California, Berkeley: Experimental computer systems; computer architecture; database systems; VLSI hardware design/CAD.

**Herbert L. Gelernter,** Professor and Graduate Studies Director, Ph.D., University of Rochester: Artificial intelligence; scientific applications; knowledge-based heuristic problemsolving systems.

**Jack Heller,** Professor Emeritus, Ph.D., Polytechnic Institute of Brooklyn: Database systems; office automation; visualization.

**Peter B. Henderson**, Professor Ph.D., Princeton University: Software engineering; programming environments; computer science education.

Jieh Hsiang, Professor, Ph.D., University of Illinois at Urbana-Champaign: Automated deducation; program correctness; computational logic.

**Arie Kaufman,** Professor, Ph.D., Ben-Gurion University: Computer graphics; visualization; computer architecture; computer vision.

**Michael Kifer,** Associate Professor, Ph.D., Hebrew University of Jerusalem: Database systems; logic programming; knowledge representation; artificial intelligence.

**Ker-I Ko,** Professor, Ph.D., Ohio State University: Computational complexity; theory of computation; computational learning theory.

**Philip M. Lewis,** Professor, Ph.D., Massachusetts Institute of Technology: Computational complexity; automata theory; compiler design; concurrent systems.

**Prateek Mishra**, Associate Professor, Ph.D., University of Utah: Programming language semantics; functional programming; type inference.

**Theo Pavlidis,** Professor, Ph.D., University of California, Berkeley: Image processing; machine vision; computer graphics.

**I.V. Ramakrishnan**, Associate Professor, Ph.D., University of Texas at Austin: Computer architecture; algorithms; rewrite systems.

**Gerald Schloss,** Assistant Professor, Ph.D., University of California, Berkeley: Disaster recovery; I/O architectures; multi-disk systems and disk arrays; distributed database management systems; mass storage technologies.

**Steven Skiena,** Assistant Professor, Ph.D., University of Illinois at Urbana-Champaign: Geometric probing; data structures and algorithms; implementation of algorithms; computational and combinatorial geometry; data compression.

**David R. Smith,** Professor, Ph.D., University of Wisconsin; VLSI design; computer architecture; digital systems design.

**Scott A. Smolka**, Associate Professor, Ph.D., Brown University: Semantics of concurrency; design of distributed languages and algorithms; visual environments for concurrent systems.

Eugene W. Stark, Associate Professor, Ph.D., Massachusetts Institute of Technology: Programming language semantics; distributed algorithms; formal specifications; verification; theory of concurrency.

**Philip M. Tromovitch,** Lecturer, M.S., State University of New York at Stony Brook: Computer science education.

**David S. Warren,** Professor, Ph.D., University of Michigan: Natural language and logic; logic programming; database systems; artificial intelligence.

Anita Wasilewska, Associate Professor, Ph.D., University of Warsaw: Knowledge representation; logic; artificial intelligence.

Larry D. Wittie, Professor, Ph.D., University of Wisconsin: Distributed operating systems; computer networks and interconnection topologies; computer architecture; massively parallel algorithms; neural networks.



The Department of Computer Science offers two undergraduate majors: computer science (CSE) and information systems (ISE). Requirements and courses for the latter appear under the program title in the alphabetical listing of Engineering and Applied Sciences programs. The two programs of study share a number of courses, particularly in the first two years, so that it is possible to follow a program that permits a student to select either major by the start of the junior year. The department also offers a minor in computer science.

#### Computer Science

The computer science major provides professional education in computer science to prepare the student for graduate study or for a career in the computing field.

Students learn concepts and skills needed for designing, programming, and applying computer systems while also learning the theoretical and mathematical foundations of computer science. They have sufficient freedom in the program to pursue other academic interests in the liberal arts, sciences, and engineering to complement their study of computer science. Many students utilize the flexibility of the program to satisfy the requirements of a second major for the bachelor's degree.

**Computing Facilities** 

Computer facilities for undergraduates are maintained by both the University Computing Center and the Computer Science Department. The Computing Center operates IBM 3083, VAX 8600, and VAX 8350 systems with approximately 250 terminals available to students. Campus-wide instructional computing sites include both IBM personal computers and Apple Macintoshes, as well as a network of Hewlett Packard workstations.

The department facilities for undergraduates include a network of 16 Hewlett Packard graphics workstations, 60 terminals, and numerous printers. A second network of 16 Hewlett Packard 400 graphics workstations is available for students in graphics courses. A network of 12 Apple Macintoshes serves the course CSE 113 Foundations of Computer Science. In addition, there are 100 Sun workstations, several Silicon Graphics workstations, a Sequent 527 multi-processor, three Micro VAX-Ils, three Symbolics LISP machines, and several IBM personal computers. Almost all run Unix and are connected via Ethernets and a 50 Mbps fiber-optics ring for general departmental educational and research use. A fiber-optics network provides links to other campus computing facilities. Stony Brook is an ARPANet host and has connections to CSNet, NYSERNet, and the MOSIS VLSI foundry.

#### **Department of Applied Mathematics and Statistics**

Chairperson: James Glimm

Undergraduate Program Director: Alan C. Tucker

**Faculty** 

Esther Arkin, Assistant Professor, Ph.D., Stanford University: Computational geometry; combinatorial optimization.

**Laurence Baxter,** Associate Professor, Ph.D., University of London: Reliability theory; statistics.

**Edward J. Beltrami,** Professor, Ph.D., Adelphi University: Optimization; stochastic models.

Hung Chen, Associate Professor, Ph.D., University of California, Berkeley: Statistics; robust methods.

Yung Ming Chen, Professor, Ph.D., New York University: Partial differential equations; inverse problems.

Yuefan Deng, Assistant Professor, Ph.D., Columbia University: Computational fluid dynamics; parallel computing.

**Daniel Dicker,** Professor, Sc.D., Columbia University: Boundary value problems of solid and fluid mechanics.

Vaclav Dolezal, Professor, Sc.D., Czechoslovak Academy of Science: Distribution theory; systems theory.

**Pradeep Dubey,** Professor, Ph.D., Cornell University: Game theory; mathematical economics. Member, Institute for Decision Sciences

**Stephen Finch,** Associate Professor, Ph.D., Princeton University: Applied statistics.

**Robert Frey,** Adjunct Assistant Professor, Ph.D., State University of New York at Stony Brook: Operations research.

James Glimm, Distinguished Professor, Ph.D., Columbia University: Mathematical physics; nonlinear physics.

Charles Goldstein, Adjunct Professor, Ph.D., New York University: Numerical analysis.

**Sheldon Gordon,** Adjunct Professor, Ph.D., McGill University: Mathematics education.

John Grove, Associate Professor, Ph.D., Ohio State University: Conservation laws; computational fluid dynamics.

**Woo Jong Kim,** Professor and Graduate Studies Director, Ph.D., Carnegie-Mellon University: Ordinary differential equations.

Ulla Larsen, Visiting Assistant Professor, Ph.D., Princeton University: Demography; applied statistics.

**Brent Lindquist,** Associate Professor, Ph.D., Cornell University: Computational fluid dynamics; reservoir modeling.

Nancy Mendell, Associate Professor, Ph.D., University of North Carolina at Chapel Hill: Biostatistics; statistical genetics.

**Joseph Mitchell,** Associate Professor, Ph.D., Stanford University: Computational geometry.

**Abraham Neyman,** Professor, Ph.D., Hebrew University: Game theory; mathematical economics. Member, Institute for Decision Sciences.

**Bradley Plohr,** Associate Professor, Ph.D., Princeton University: Conservation laws; computational fluid dynamics.

**David Sharp,** Adjunt Professor, Ph.D., California Institute of Technology: Mathematical physics.

Matthew J. Sobel, Professor, Ph.D., Stanford University: Stochastic models; optimization. Member, Institute for Decision Sciences.

Ram P. Srivastav, Professor, D.Sc., University of Glasgow; Ph.D., University of Lucknow: Integral equations; numerical solutions.

Michael Taksar, Professor, Ph.D., Cornell University: Stochastic processes.

**Reginald P. Tewarson,** Professor, Ph.D., Boston University: Numerical analysis; bio-mathematics.

Alan C. Tucker, Distinguished Teaching Professor, Ph.D., Stanford University: Combinatorics; applied models. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1974.

Qiqing Yu, Assistant Professor, Ph.D., University of California, Los Angeles: Decision theory; nonparametic statistics.

**Qiang Zhang,** Assistant Professor, Ph.D., New York University: Scientific computing; computational fluid dynamics.

Affiliated Faculty
Hussein Badr, Computer Science
Eugene Feinberg, Harriman School
David Ferguson, Technology and Society
Roger Grimson, Preventive Medicine
Jean-Francois Mertens, Economics
Akira Okubo, Marine Sciences
Steven Skiena, Computer Science
Darko Skorin-Kapov, Harriman School
Jadranka Skorin-Kapov, Harriman School
Judith Tanur, Sociology
Frank Webster, Chemistry
Armen Zemanian, Electrical Engineering

The undergraduate program in applied mathematics and statistics (AMS) aims to give mathematically oriented students a liberal education in quantitative problem solving. The courses in this program survey a wide variety of mathematical theories and techniques that are currently used by analysts and researchers in government, industry, and science. Many of the applied mathematics courses give students the opportunity to develop problem-solving techniques using campus computing facilities.

#### **Department of Electrical Engineering**

Acting Chairperson: Velio A. Marsocci

Undergraduate Program Director: Harbans S. Dhadwal

#### Faculty

**Bradley Carlson**, Assistant Professor, Ph.D., Syracuse University: VLSI; circuit design.

**Ben M. Chen,** Assistant Professor, Ph.D., Washington State University: Control systems; robotics.

Chi-Tsong Chen, Professor, Ph.D., University of California, Berkeley: Systems and control theory; digital signal processing.

Harbans Singh Dhadwal, Associate Professor, Ph.D., University of London: Lasers and spectroscopy; fiber optics; signal processing.

**Petar M. Djuric,** Assistant Professor, Ph.D., University of Rhode Island: Signal and systems analysis.

**Ahmed Ghouse,** Assistant Professor, Ph.D., University of California, Irvine: Signal processing; computer architecture.

Michael Green, Assistant Professor, Ph.D., University of California, Los Angeles: Nonlinear circuit theory; computeraided design; analog integrated circuits.

**Ridha Kamoua**, Assistant Professor, Ph.D., University of Michigan: Solid-state physics; solid-state devices and circuits; solid-state microwave devices; integrated circuits.

**Velio A. Marsocci,** Professor, Eng.Sc.D., New York University: Solid-state electronics; integrated electronics; biomedical engineering.

John Murray, Associate Professor, Ph.D., University of Notre Dame: Systems, controls, and instrumentation.

**Jayantkumar P. Parekh,** Professor, Ph.D., Polytechnic Institute of Brooklyn: Microwave acoustics and magnetics; microwave electronics.

**Stephen S. Rapport,** Professor, Ph.D., New York University: Communication theory; systems.

**Thomas G. Robertazzi,** Associate Professor and Graduate Studies Director, Ph.D., Princeton University: Computer networks; local area networks.

Yacov A. Shamash, Professor, Ph.D., Imperial College: Control systems.

**Kenneth L. Short,** Professor, Ph.D., State University of New York at Stony Brook: Digital system design; microprocessors and instrumentation. Recipient of the State University Chancellor's Award for Excellence in Teaching, 1985, and the President's Award for Excellence in Teaching, 1985.

**Muralidhara Subbarao**, Associate Professor, Ph.D., University of Maryland at College Park: Computer vision; artificial intelligence; computer architecture; computer graphics.

Stephen Sussman-Fort, Associate Professor, Ph.D., University of California, Los Angeles: Electronic circuits; computeraided design; solid-state electronics; electromagnetics.

**Wendy K. Tang,** Assistant Professor, Ph.D., University of Rochester: Parallel and distributed processing; computer architecture.

**Dali Tao,** Assistant Professor, Ph.D., Syracuse University: Computer engineering; microprocessing; VLSI; computer vision; robotics; artificial intelligence.

**Hang-Sheng Tuan,** Professor, Ph.D., Harvard University: Electromagnetic theory; integrated and fiber optics; microwave acoustics; physical electronics.

**Armen H. Zemanian,** Professor, Eng.Sc.D., New York University: Network theory; mathematical models in economic geography.

Affiliated Faculty
Gene R. Gindi, Radiology
John H. Marburger, Physics
Theo Pavilidis, Computer Science
David R. Smith, Computer Science

The Department of Electrical Engineering offers a major leading to the Bachelor of Engineering degree in electrical engineering with course offerings that span the subject matter of contemporary electrical engineering. Through the department's offerings, a student can develop the requisite background and skills for his or her own interests and career goals. The department's research and teaching areas include computers, computer engineering, communications, microprocessors, computer networks, solid-state electronics, electronic circuits, networks, controls and systems, robotics, computer graphics, pattern recognition, optoelectronics, artificial intelligence, biomedical instrumentation, and computer-aided design. The computer engineering specialization is an option within the major accredited by the Accreditation Board for Engineering and Technology, Inc.

While most electrical engineering students go into industry after graduation, many go directly to graduate school for further study in engineering, business, or other professions. Many continue their education on a part-time basis. The programs described below have sufficient flexibility to meet a large variety of individual objectives.

#### Department of Materials Science and Engineering

Chairperson: Clive R. Clayton

Undergraduate Program Director: Michael Dudley

#### Faculty

**Christopher C. Berndt**, Associate Professor, Ph.D., Monash University: Mechanical properties.

Clive R. Clayton, Professor, Ph.D., University of Surrey: Structure and properties of materials; thin film processing.

Michael Dudley, Associate Professor, Ph.D., University of Warwick: Diffraction techniques; materials in art, design, and technology.

**Allen N. Goland,** Adjunct Professor, Ph.D., Northwestern University: Solid-state physics.

**Patrick J. Herley,** Professor, Ph.D., Rhodes University; Ph.D., Imperial College: Crystallography; chemistry of solids.

**Herbert Herman,** Professor and Graduate Studies Director, Ph.D., Northwestern University: Materials engineering.

**Hugh Isaacs,** Adjunct Professor, Ph.D., Imperial College: Surface defects; surface analysis.

**A. Peter Jardine,** Assistant Professor, Ph.D., Bristol University: Thermodynamics; processing of materials.

**Franco P. Jona, Professor, Ph.D., Eidgenossische Technische** Hochschule: Solid state; modern materials.

**Alexander H. King,** Professor, D.Phil., Oxford University: Electron microscopy; crystal defects.

**Miriam Rafailovich,** Professor, Ph.D., State University of New York at Stony Brook: Polymer sciences and interfaces.

**Leslie L. Seigle,** Professor Emeritus, D.Sc., Massachusetts Institute of Technology: Thermodynamics.

**Jonathan C. Sokolov,** Associate Professor, Ph.D., State University of New York at Stony Brook: Polymer sciences and interfaces.

Masaki Suenaga, Adjunct Professor, Ph.D., University of California, Berkeley: Superconducting alloys; electron microscopy.

Franklin F.Y. Wang, Professor, Ph.D., University of Illinois at Urbana-Champaign: Magnetism; dielectrics; physical ceramics.

**John B. Warren**, Adjunct Assistant Professor, Ph.D., University of Florida: Analytical electron microscopy, X-ray fluorescence; semiconductor defects.

**David O. Welch,** Adjunct Professor, Ph.D., University of Pennsylvania: Kinetics of diffusion; energetics; crystal lattice defects; radiation effects.

## Affiliated Faculty Benjamin Chu, Chemistry

The Department of Materials Science and Engineering offers the Bachelor of Engineering degree program in engineering science and the minor in materials science, as well as several interdisciplinary undergraduate programs in conjunction with other science and engineering departments on campus. These joint programs provide basic training for prospective graduates to enter a wide range of industries or to proceed to graduate studies in engineering fields. They are aimed at the materials aspect of mechanical engineering, electrical engineering, physics, and chemistry. Individualized programs are also available in biomedical materials, electronic materials, environmental properties of materials, and materials in energy conversion.

#### **Engineering Science**

The major in engineering science, in which all departments of the College of Engineering and Applied Sciences participate, furnishes the student with a broad background in the basic engineering disciplines. It is designed for those who want an engineering education of a less specialized nature, or whose career goals lie outside the boundaries of the conventional engineering departments. Through the proper choice of electives and design projects, a degree of specialization may be achieved within the major. Recommended course sequences in materials science and mechanics for this purpose are indicated below. In addition, with the help of a faculty advisor, the student may design a program uniquely suited to his or her own interests and objectives that cuts across departmental and college lines. Engineering students who wish to earn a B.E. degree with a concentration in applied analysis and statistics, computer science, or materials science should elect the major in engineering science. It is also good preparation for graduate studies in architecture, business, law, or medicine.

# **Health Services**

The Health Sciences Center (HSC) consists of five professional schools and University Hospital, the major teaching facility for the educational programs of the Health Sciences Center. The schools-Allied Health Professions, Dental Medicine, Medicine, Nursing, and Social Welfare-offer professional education to approximately 1,900 students and conduct programs of research, service, and continuing professional education. Professional, technical, and laboratory resources support the academic activities of the students and faculty.

The Health Sciences Center has four primary objectives. It seeks to increase the supply and proficiency of health professionals in fields of demonstrated regional, state, and national need; to provide health care of sufficient variety and quality to enable professional education and related research to occur; to sustain an environment in which research in health and related disciplines can flourish; and to emerge as a regional resource for advanced education, patient care, and research in broad areas of health.

University Hospital serves the health care needs of the residents of Long Island and provides training for health-care professionals. Opened in 1980, the 504-bed hospital uses the very latest in medical knowledge and technologies to meet the needs of its patients. The hospital offers highly specialized services and serves many regional roles. It also provides training for more than 400 medical residents in 38 specialty programs, including general dentistry and the subspecialties of medicine.

Although University Hospital provides a hospital teaching environment for students, the Health Sciences Center also utilizes the clinical facilities provided for its students in ong Island hospitals and health agencies that have entered into partnership agreements with the Health Sciences Center.

#### **Program Offerings**

Current offerings include both undergraduate and post-baccalaureate programs. All undergraduate programs begin in the upper division.

The School of Allied Health Professions offers bachelor's degree programs in medical technology, physical therapy, and physician assistant. Bachelor's degree programs are also offered by the schools of Nursing and Social Welfare.

The Health Sciences Center enrolls M.D. and M.D./Ph.D. candidates in the School of Medicine, D.D.S. candidates in the School of Dental Medicine, and master's degree candidates in the schools of Allied Health Professions, Nursing, and Social Welfare. Doctoral degree programs are offered in anatomical sciences (functional morphology), cellular and molecular pharmacology, molecular pathology, molecular physiology and biophysics, biochemistry, cell biology, microbiology, neurobiology and behavior, and oral biology and pathology.

## **Undergraduate Eligibility**

All Health Sciences Center baccalaureate programs begin in the upper division. To be eligible for consideration, students must have completed 57 college credits or their equivalent before matriculating in the program to which they seek admission. All programs require specific courses prerequisites. Most undergraduate programs are full time. Part-time studies are offered by the registered nurse program in the School of Nursing.

The Basic Baccalaureate Accelerated Program in the School of Nursing is designed for

college graduates who have a non-nursing bachelor's degree. To be eligible for consideration, students must have a B.S. or B.A. degree and specific course prerequisites. This is a full-time program, running from July 1 through June 30.

#### **Biomedical Engineering**

Biomedical engineering is not a field of study that can be offered easily as an academic discipline because the term describes the application of various engineering disciplines to biomedical problems rather than an engineering discipline in its own right. For example, a mechanical engineer may apply his or her skills to the design of prosthetic devices, while an instrumentation engineer might design patient-monitoring equipment for intensive care facilities; both could be considered to be engaged in biomedical engineering. What is required is a sound understanding of a particular branch of engineering along with the application of certain principles of biology and medicine. The would-be biomedical engineer must first decide which branch of engineering he or she wishes to apply to the field, then obtain the appropriate expertise. Certain technical electives may be appropriate and these are listed below. The student should also make use of open elective credits to learn the basics of biology and organic chemistry.

#### **School for Management and Policy**

Dean: Matthew J. Sobel

Director of Undergraduate Studies: Eugene A. Feinberg

#### **Faculty**

**Stanley M. Altman,** Associate Professor, Ph.D., Polytechnic Institute of Brooklyn: Analytic methods; evaluation of public agencies.

**T. Owen Carroll,** Associate Professor, Ph.D., Cornell University: Analytic methods; energy policy; social policy. Recipient of the State University Chancellor's Awar'd for Excellence in Teaching, 1974.

**Jeff T. Casey,** Assistant Professor, Ph.D., University of Wisconsin-Madison: Organizational behavior; decision making.

**Eugene A. Feinberg,** Professor, Ph.D., Vilnius State University: Operations management; operations research.

Manuel London, Professor and Director of Labor Management Studies Program, Ph.D., Ohio University: Personnel; promotion policies; management training; assessment centers.

**George Pidot,** Adjunct Associate Professor, Ph.D., Harvard University: Using computers to solve policy problems.

**Anne Preston,** Associate Professor, Ph.D., Harvard University: Labor economics; non-profit organizations.

**Matthew Porcelli,** Lecturer, part time, M.B.A., Hofstra University: Human resources; employee relations.

**Michael R. Robbins,** Lecturer, M.B.A., Harvard University: Business strategy; computer systems development for direct marketing; business planning.

**Sudipto Sarkar,** Instructor, M.B.A., University of Texas-Pan American: Corporate finance; investment analysis.

**Thomas Sexton,** Associate Professor and Graduate Studies Director, Ph.D., State University of New York at Stony Brook: Operations research; statistics; health care management.

**Donald Siegel,** Assistant Professor, Ph.D., Columbia University: Productivity measurement; industrial organization; applied econometrics; government contracting.

**Darko Skorin-Kapov**, Assistant Professor, Ph.D., University of British Columbia: Network optimization; management information systems.

Jadranka Skorin-Kapov, Assistant Professor, Ph.D., University of British Columbia: Management science; mathematical programming with applications; artificial intelligence.

**Matthew J. Sobel,** Professor, Ph.D., Stanford University: Operations management; operations research.

Harry Weiner, Associate Professor, S.M., Massachusetts Institute of Technology: Redesign of organizational structure to improve programmatic capabilities.

**Linda Whitaker,** Assistant Professor, Ph.D., Georgia Institute of Technology: Operations management; operations research.

**Gerrit Wolf,** Professor, Ph.D., Cornell University: Decision and organizational behavior.

**Glenn Yago,** Associate Professor, Ph.D., University of Wisconsin-Madison: Regional development; productivity; finance.

Affiliated Faculty
Michael Barnhart, History
Lee E. Koppelman, Political Science
Alan Leiken, Allied Health Resources
Gary Schloss, Computer Science
Mark Schneider, Political Science
John T. Scholtz, Political Science
Michael Taksar, Applied Mathematics and
Statistics

Paul E. Teske, Political Science Anthony Weston, Philosophy

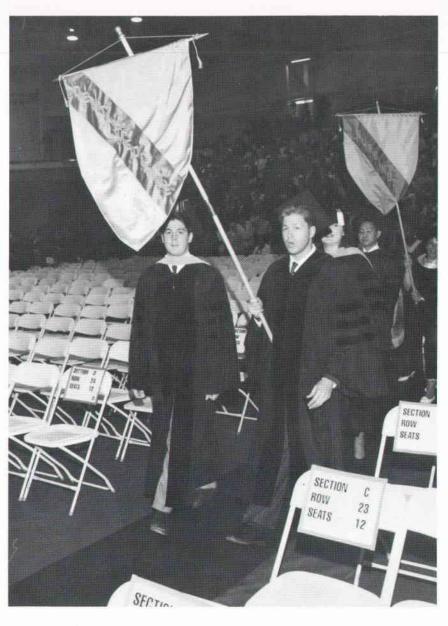
The W. Averell Harriman School for Management and Policy offers undergraduate students a major and a minor in business management. The school provides students with the skills and knowledge for managing business enterprises, as well as for managing nonprofit agencies or public policies in government. Students learn about computers and quantitative decision making, about how organizations work financially, operationally, legally, and behaviorally, and about the functions and strategies organizations play in society.

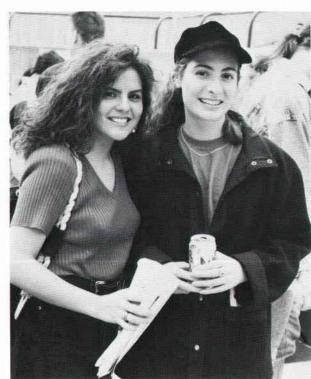
## **Business Management Major**

This major provides training in general management for those students who intend to enter the job market directly after receiving their bachelor's degree. Students learn the basic techniques and skills of management that are essential to a modern economy.

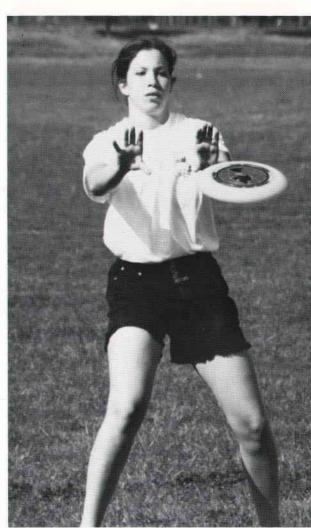
### Requirements for the Major

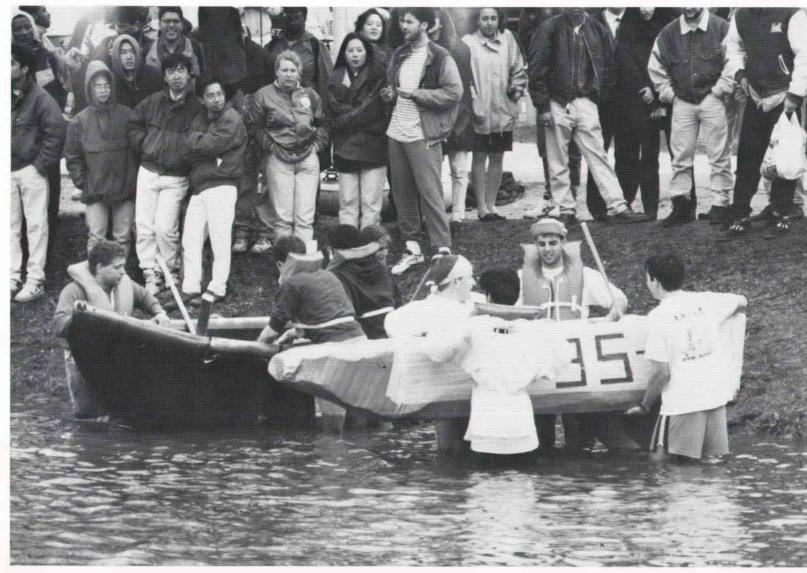
The major in business management (BUS) leads to the Bachelor of Science degree. (Students in this major must complete the same university and Diversified Education Curriculum requirements as students in the College of Arts and Sciences.) All courses must be taken for a letter grade.

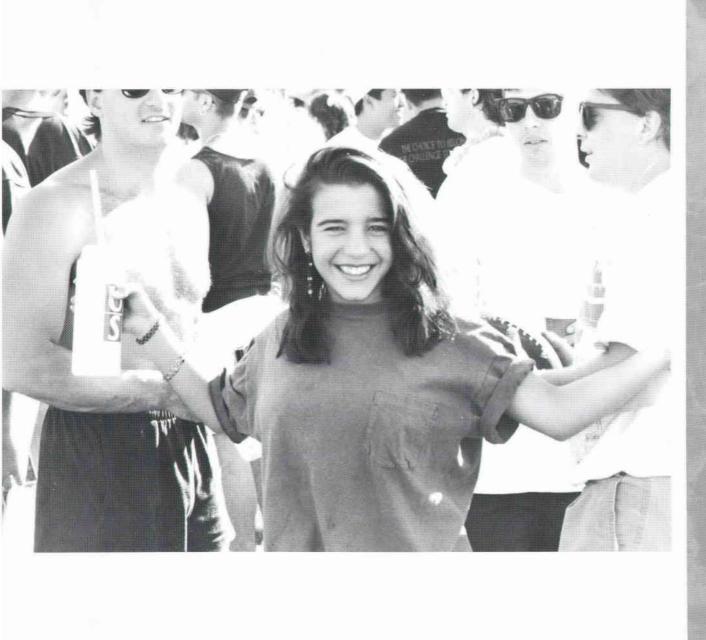




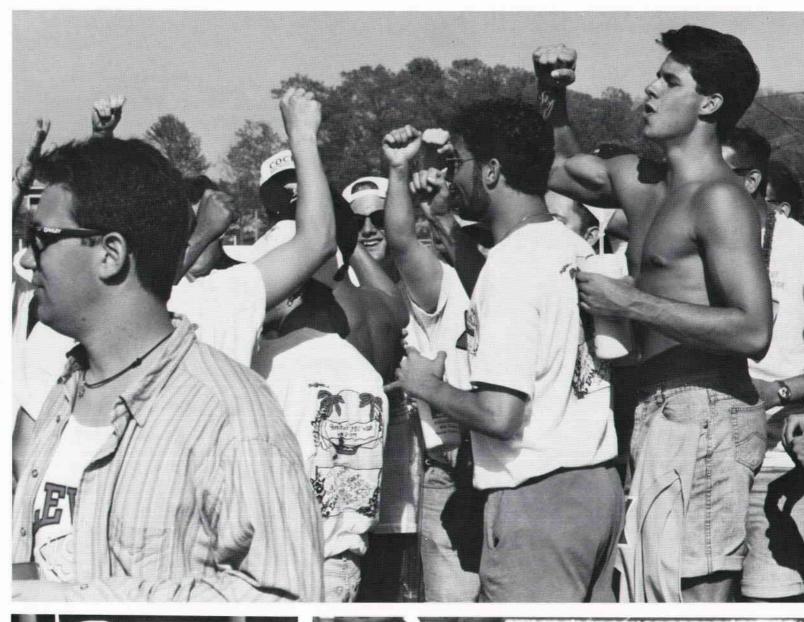








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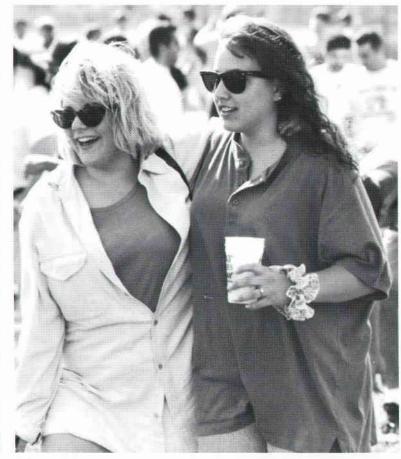




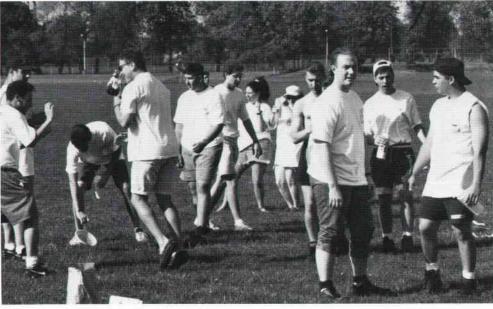


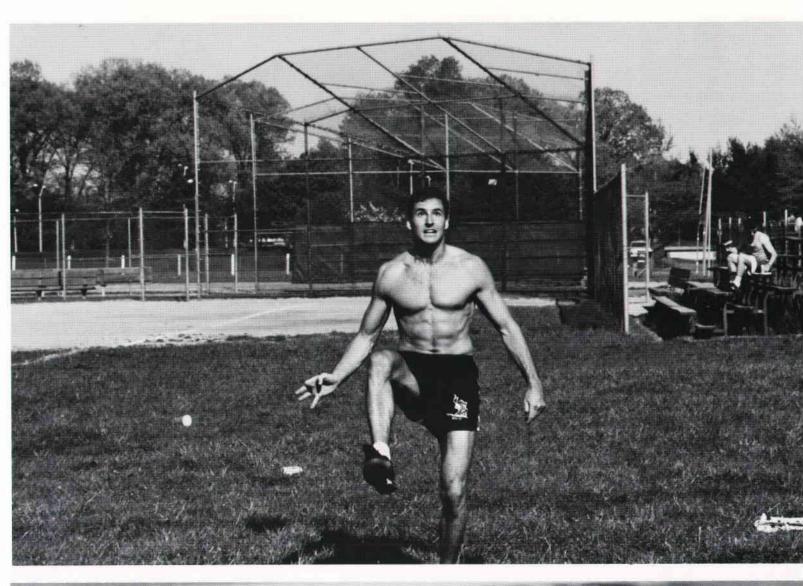






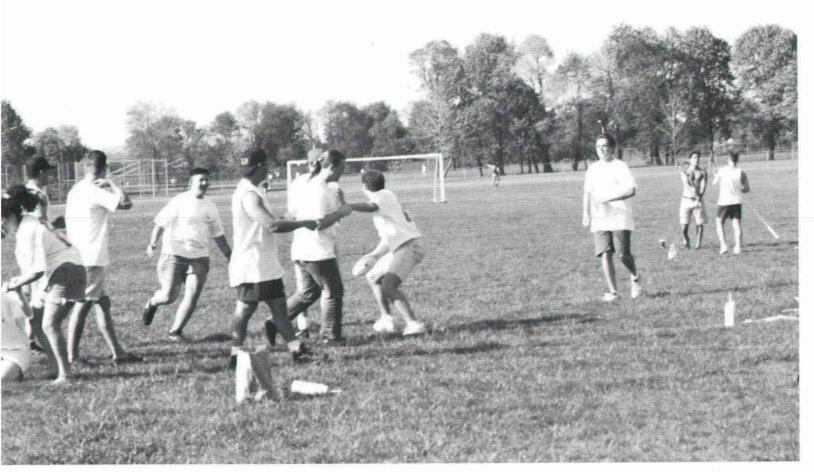




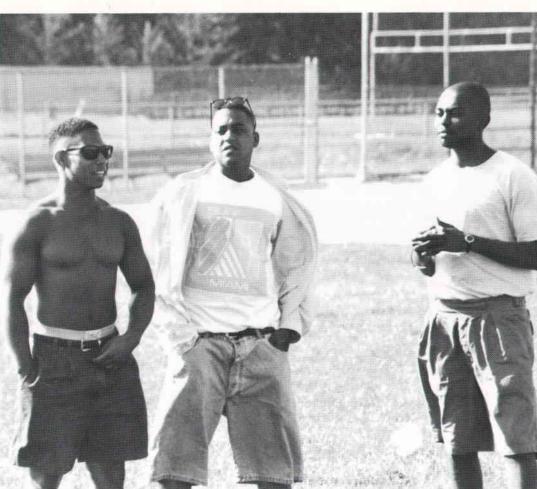


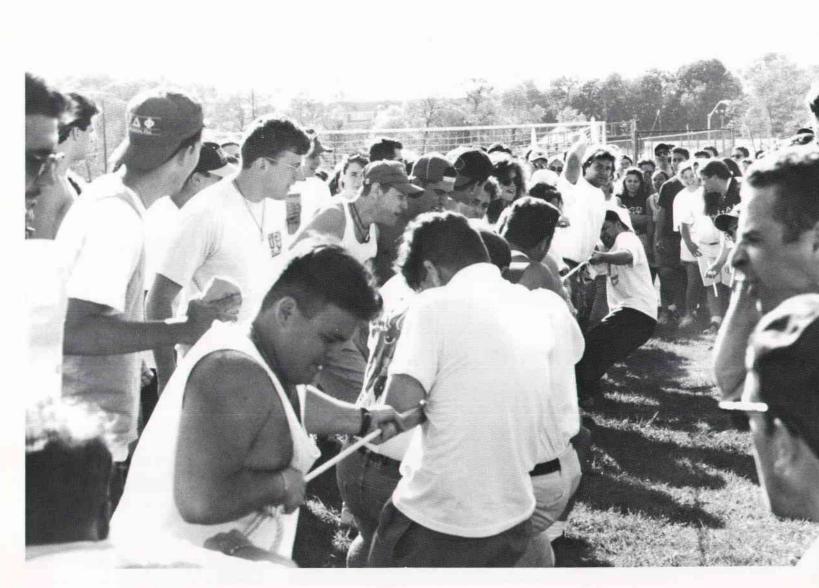








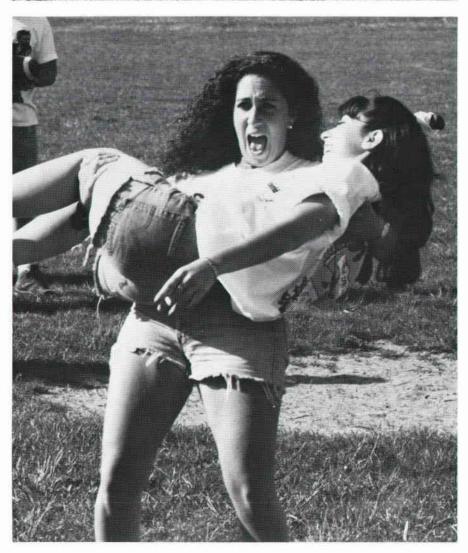


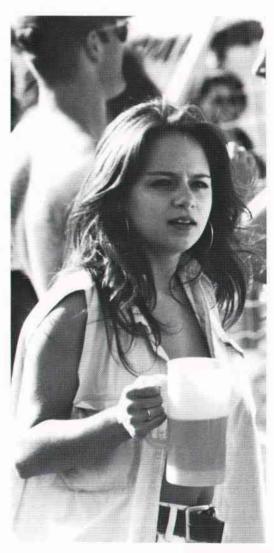


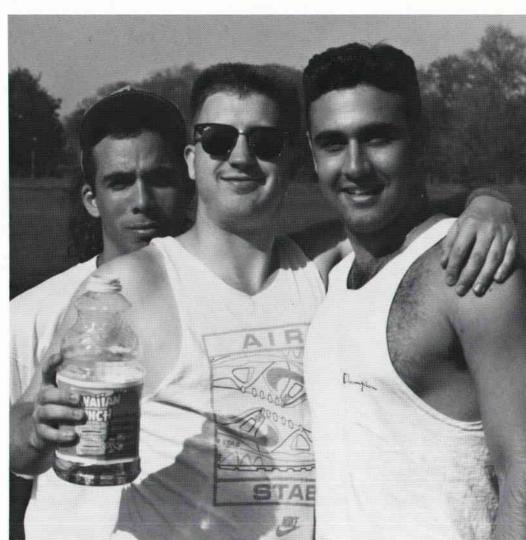


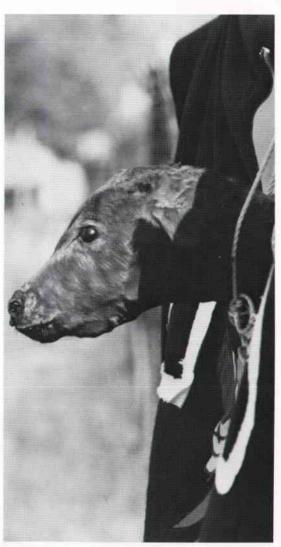






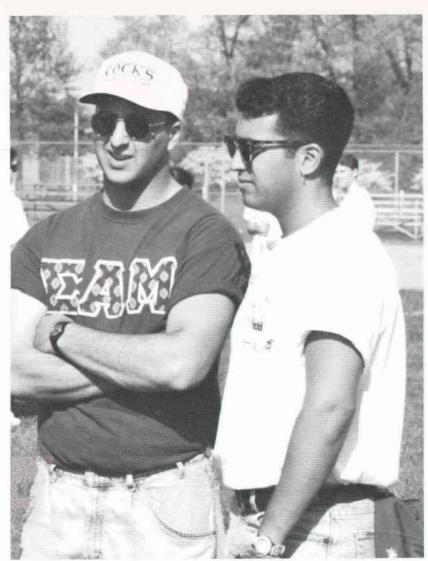


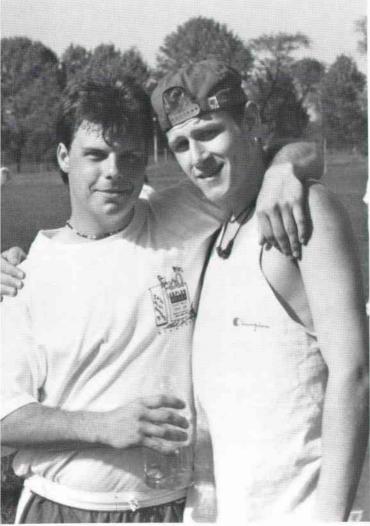


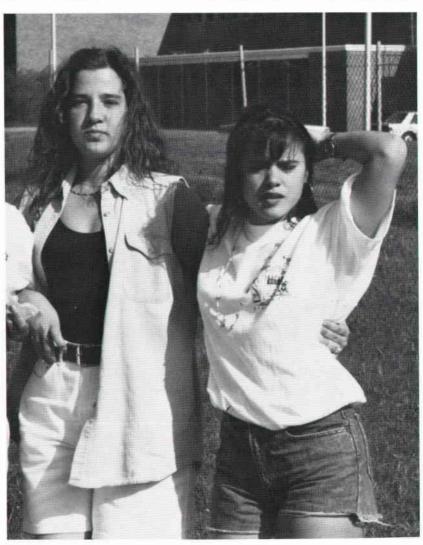














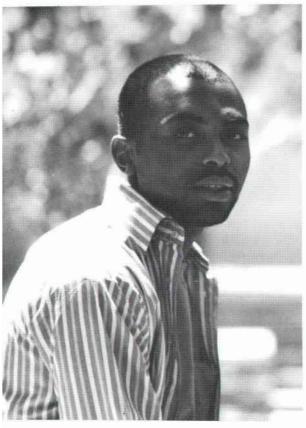








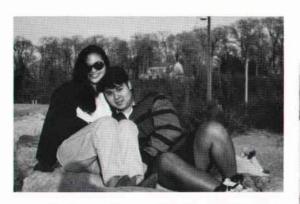








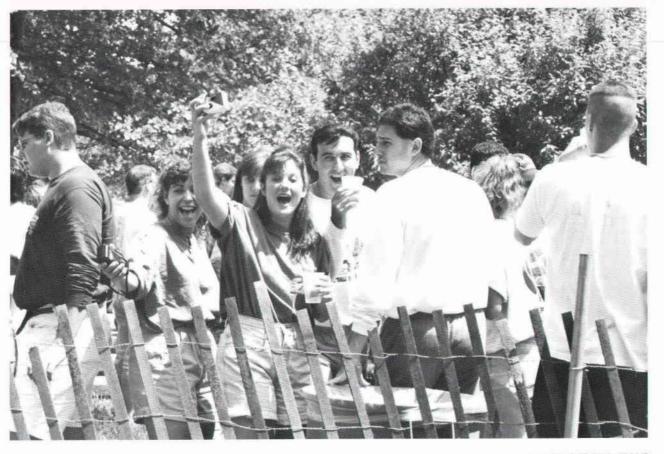










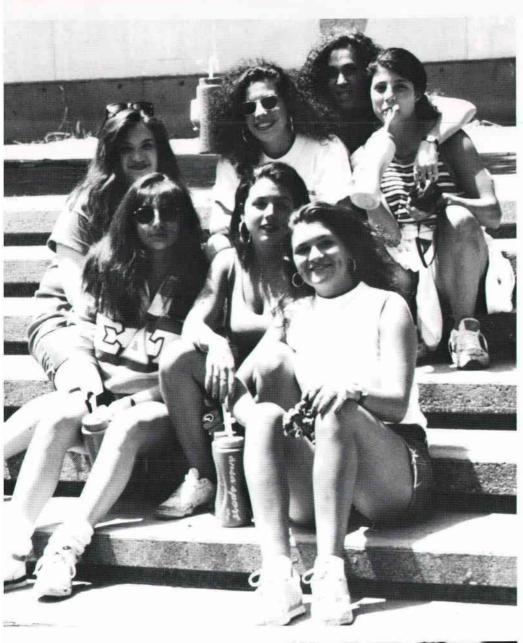




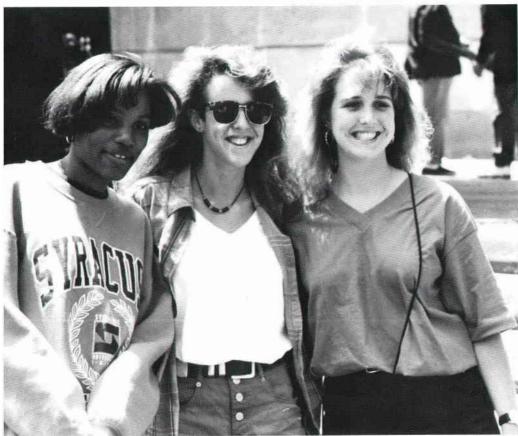






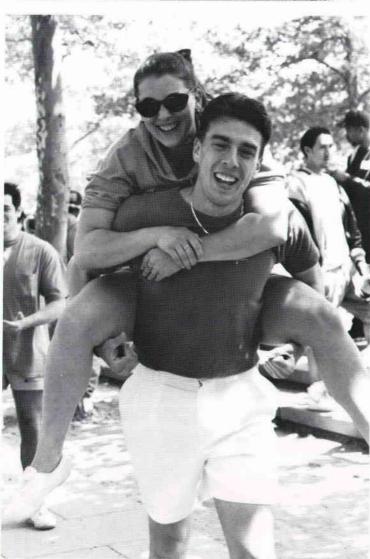














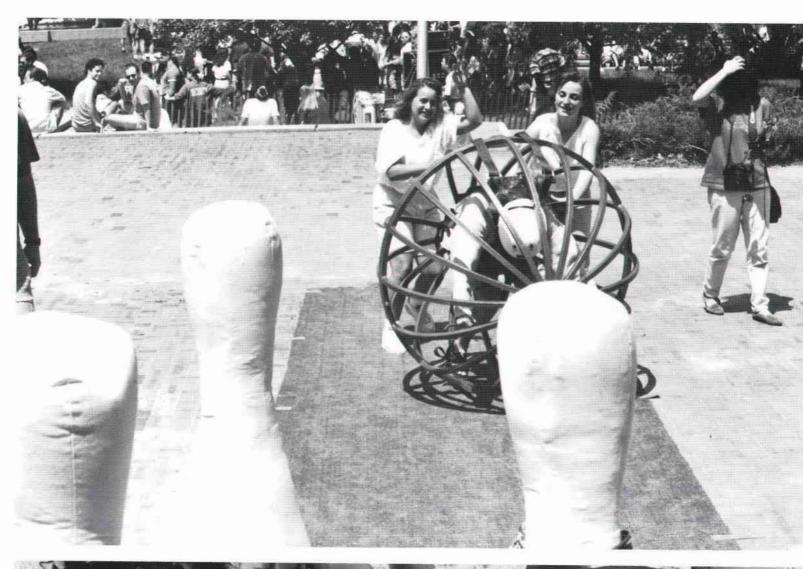


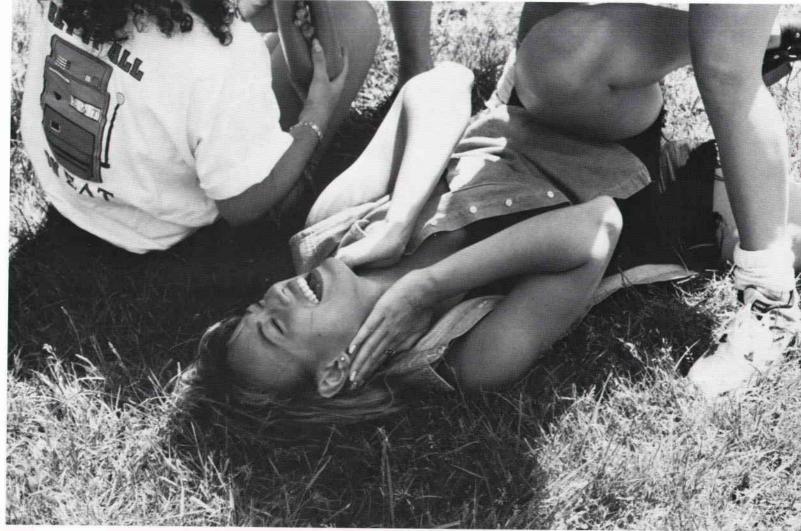










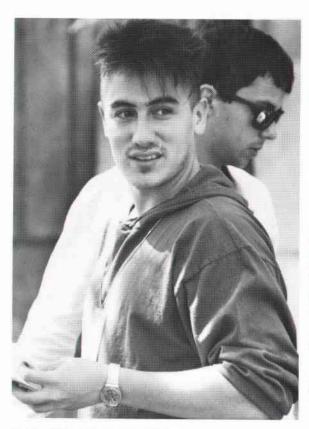


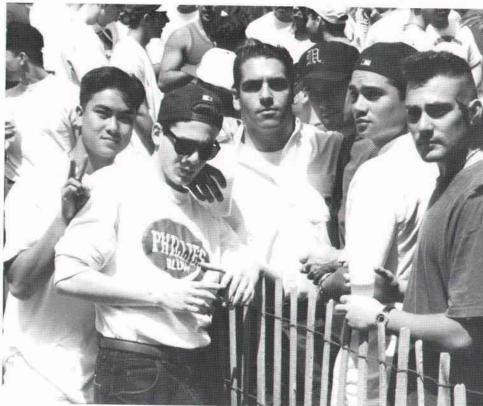








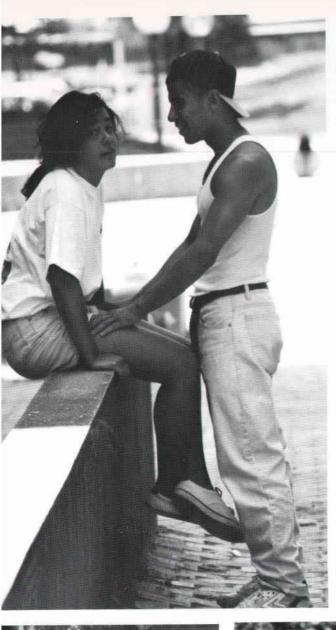








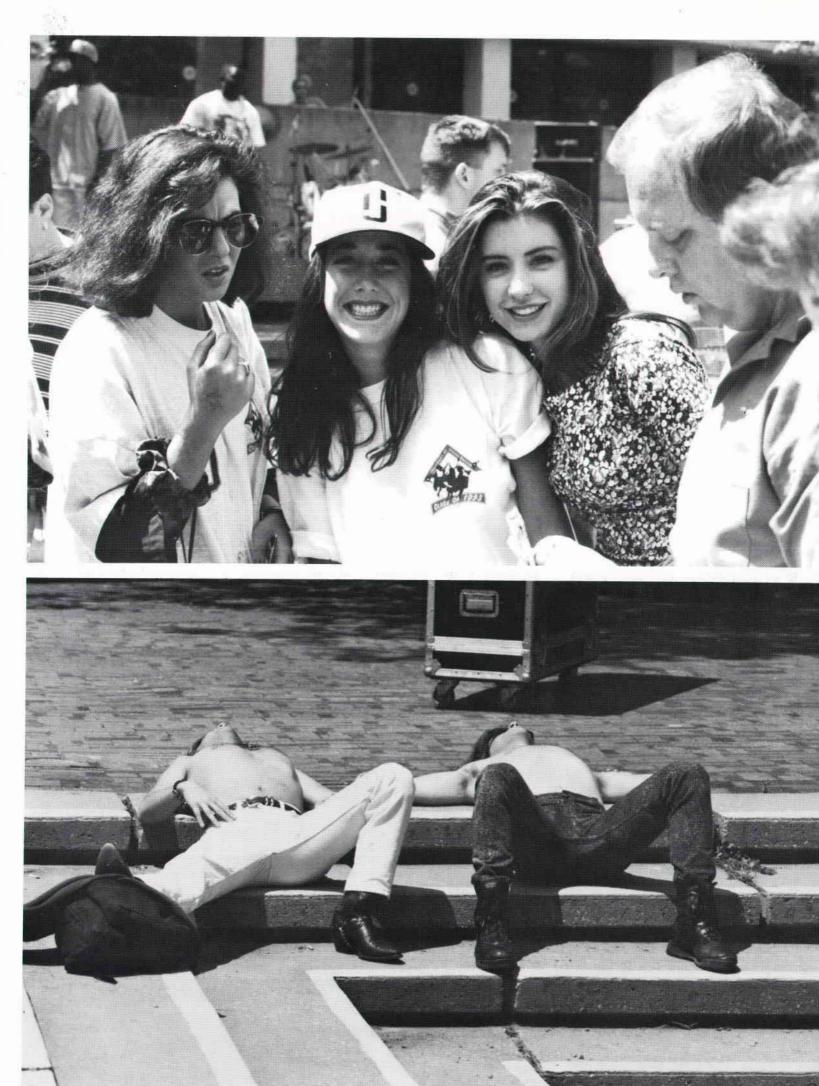




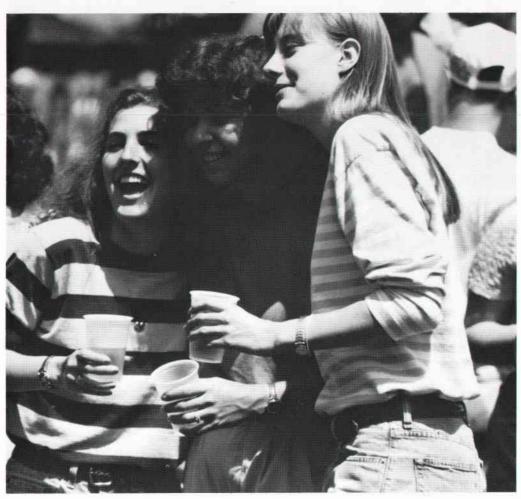


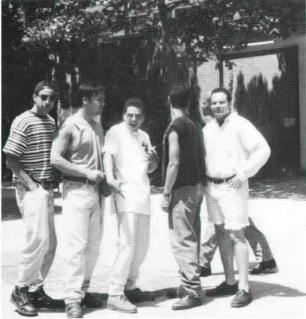








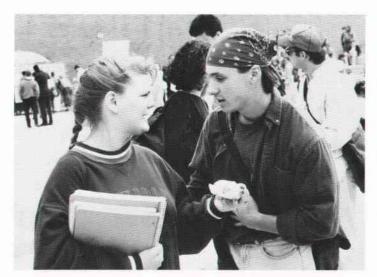








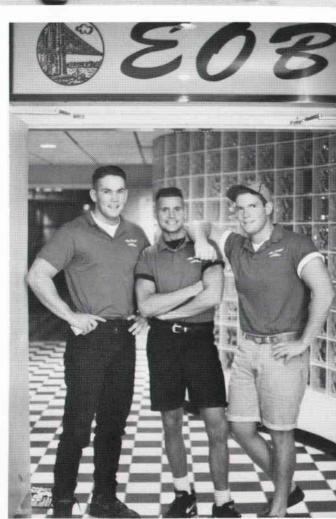


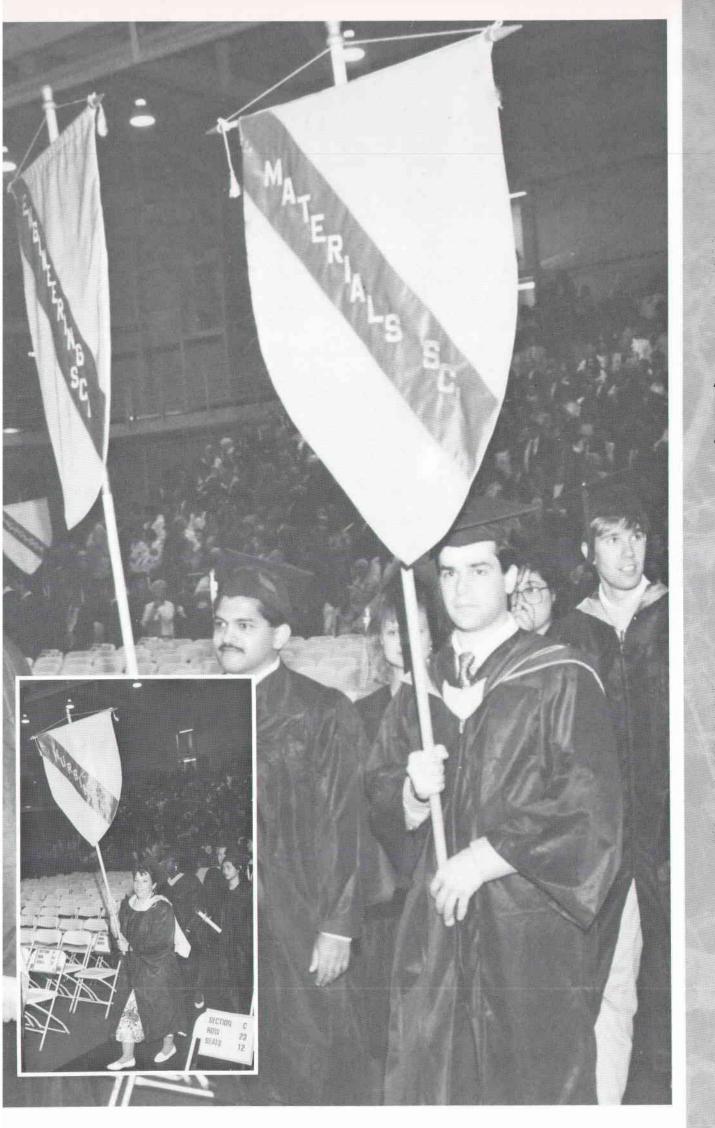




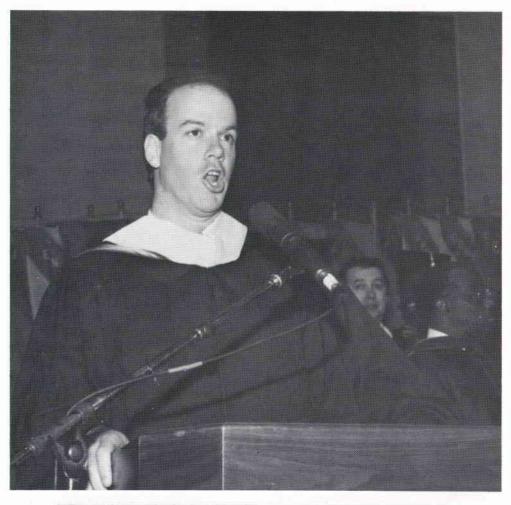


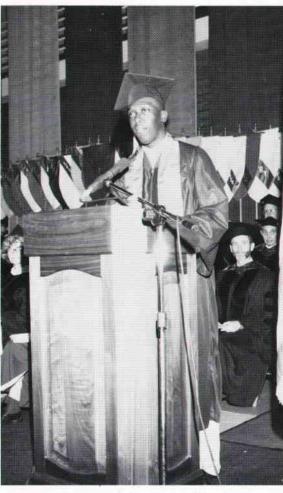


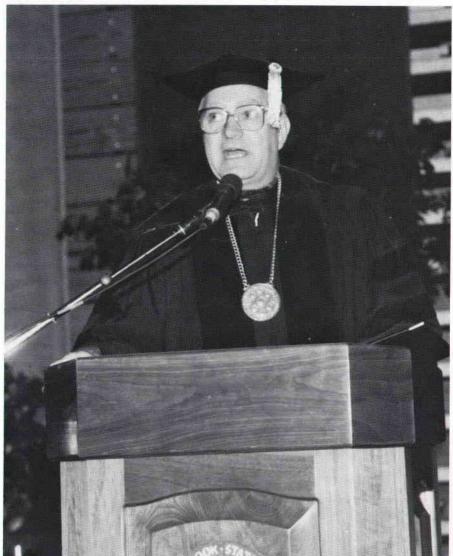


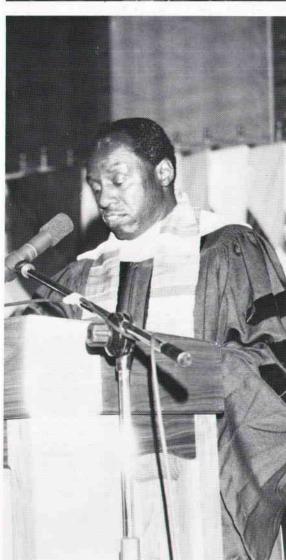


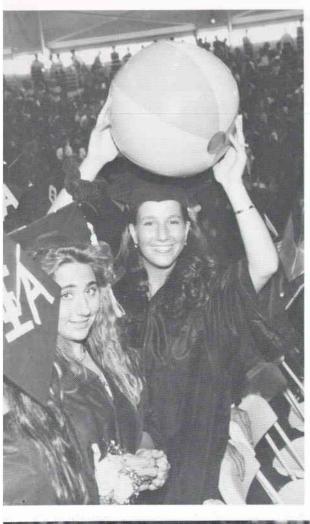
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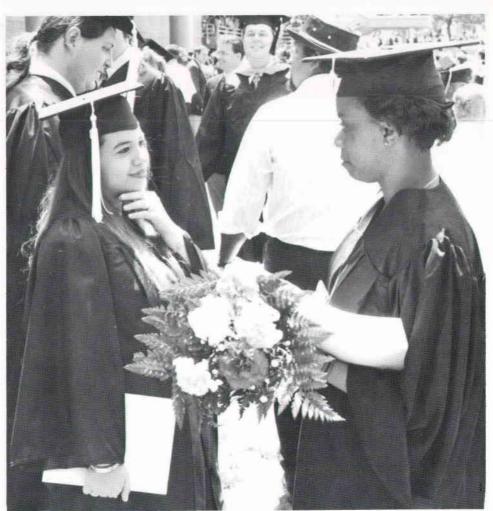


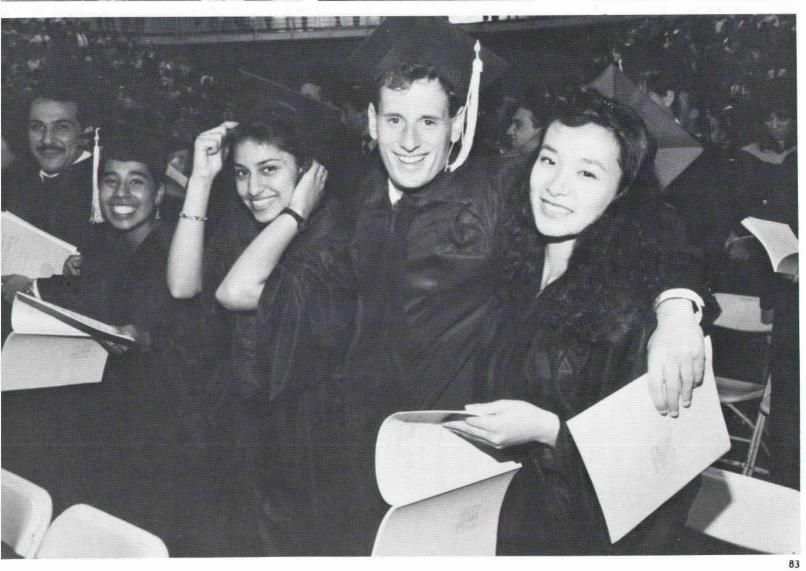


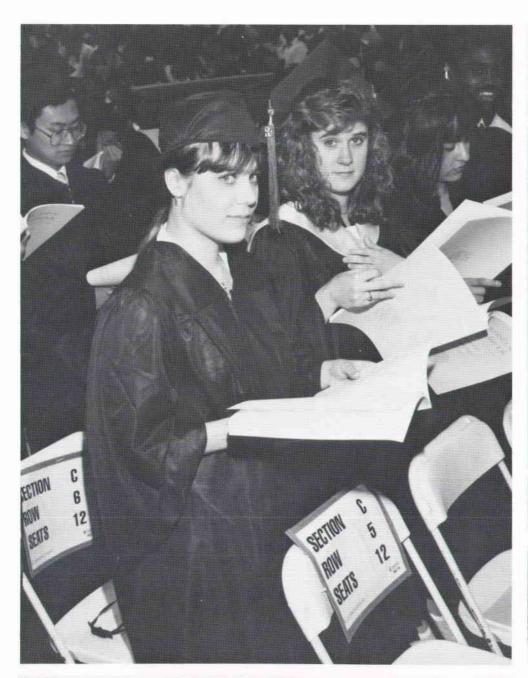


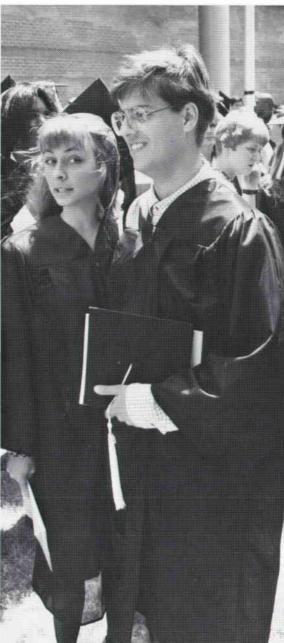




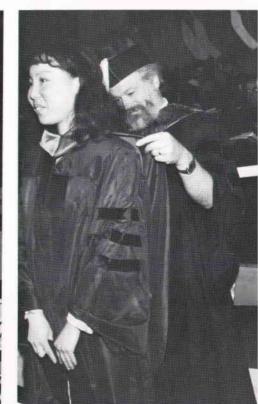


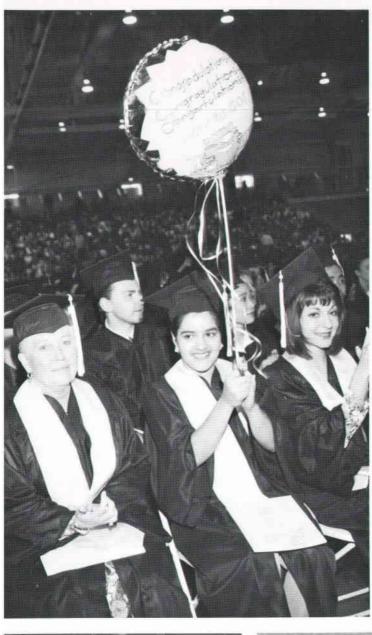








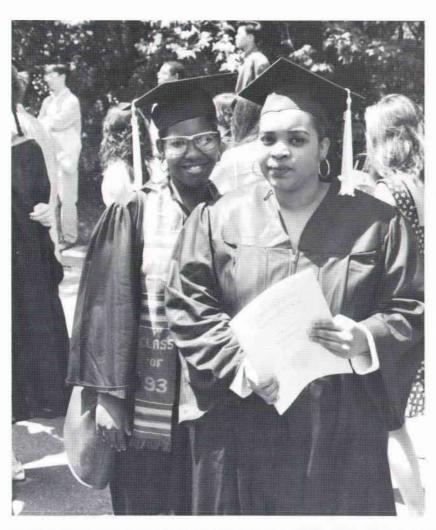


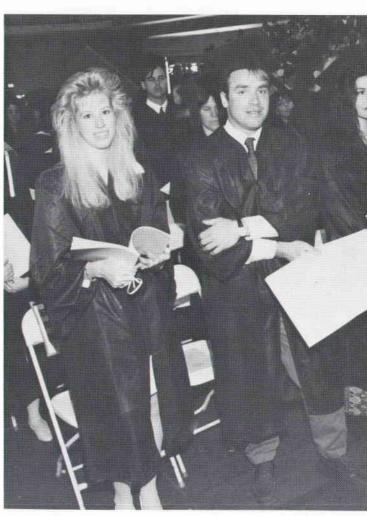


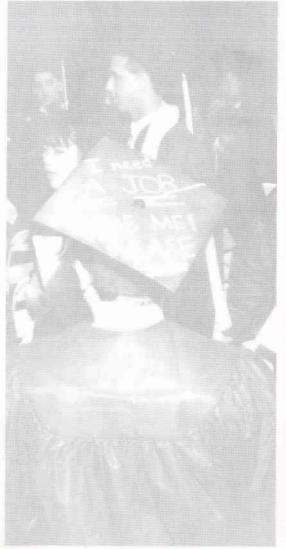


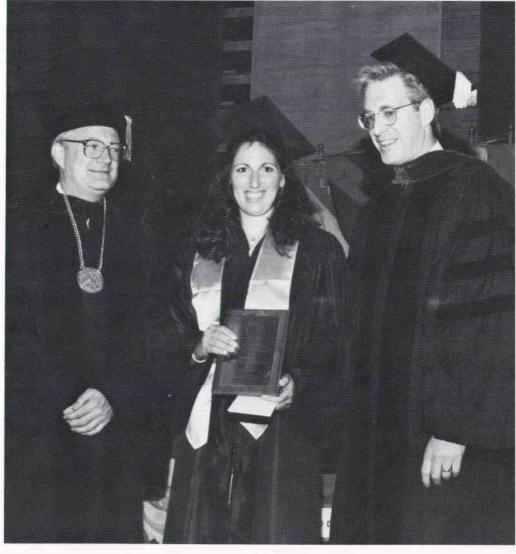


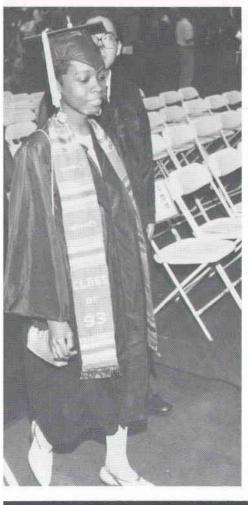


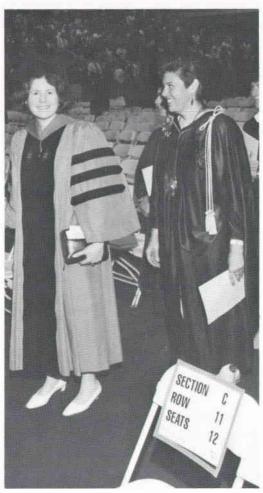


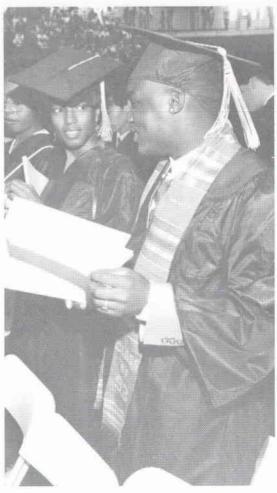


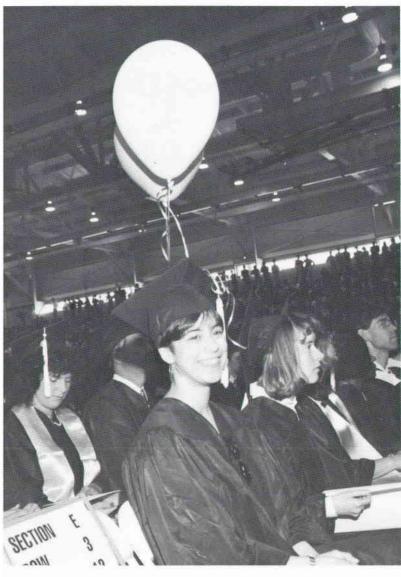




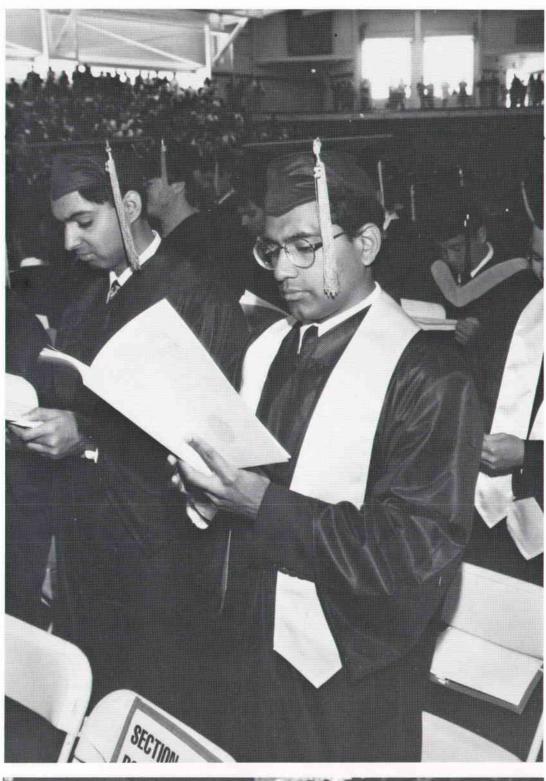


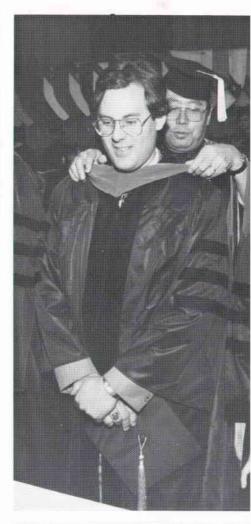


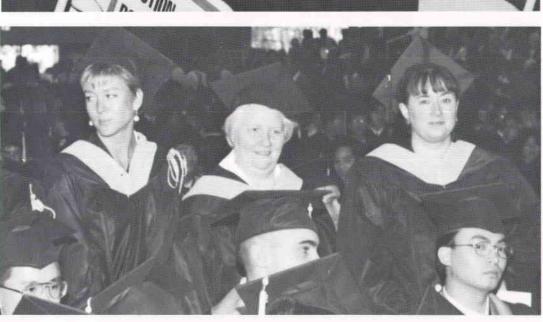




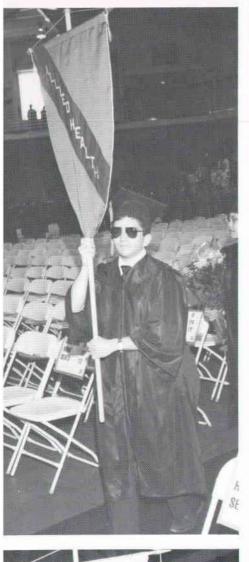


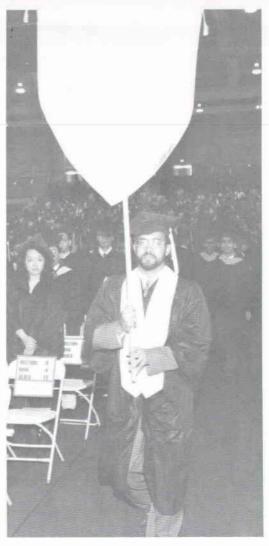






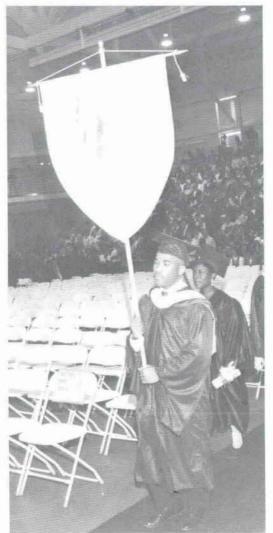










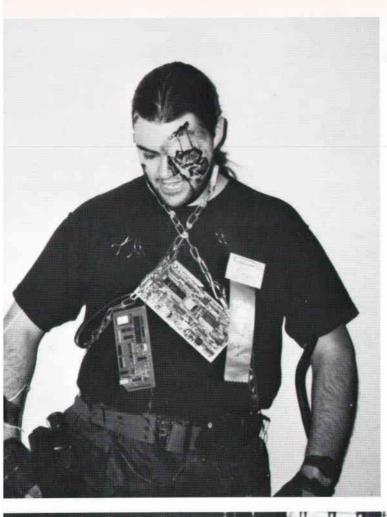


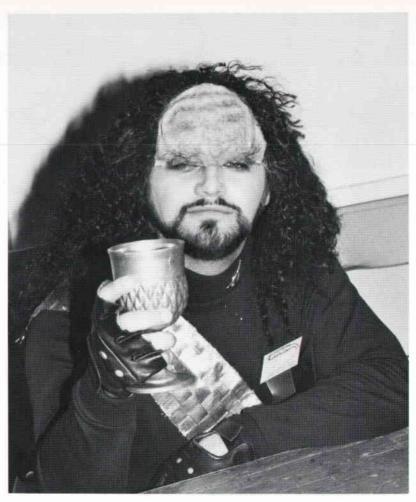


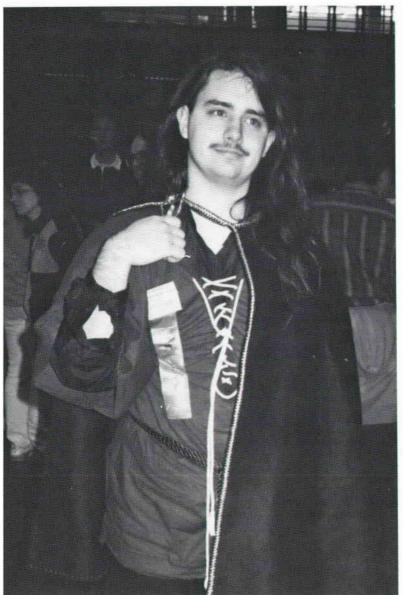
### ICON SCIENCE FICTION FESTIVAL

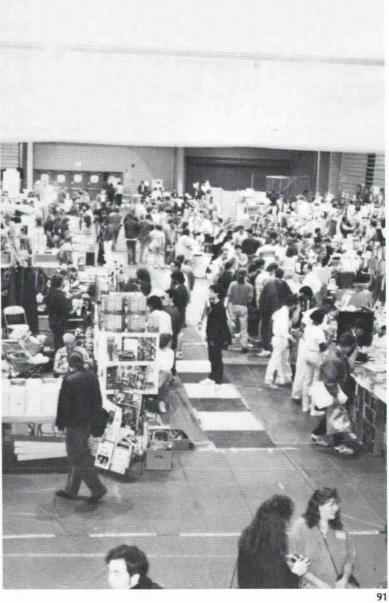


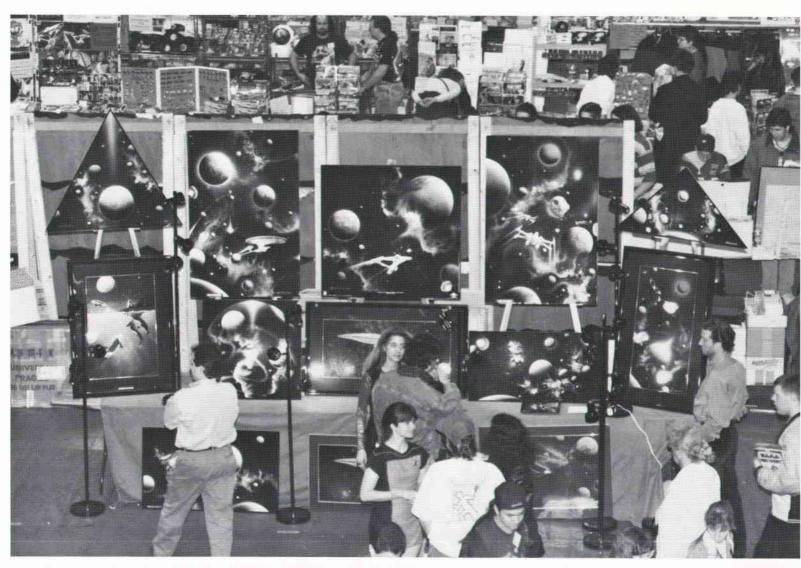






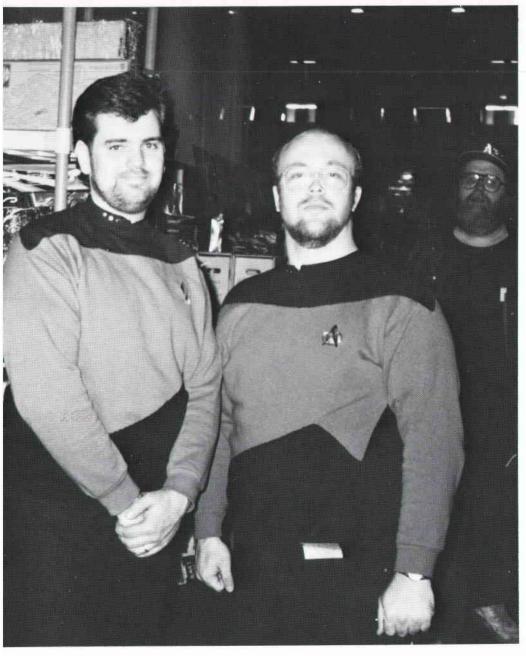


















# Stony Brook Theatre

The 1992-93 Season & Staller Center For the Arts

### M. Butterfly

by David Hwang • directed by Farley Richmond
The 1988 Tony Award winning play. "It turns everything
upside down — sexism, racism, and man's infinite ability for
self-delusion—in a whole bouncing series of acrobatic
theatrical somersaults." Clive Barnes New York Post

October 8-11, 15-18, 1992

### Australian Play

guest directed by Rod Wisslerby Alma De Groen
Rod Wissler, guest Australian director, fresh from his starring
role in John Aubrey's Brief Lives at the Staller Center's
International Theatre Festival, will present an Australian play
as our cross-cultural offering for this season.

November 5-8, 12-15, 1992

### A New "Peace"

Written & Directed by Amy Sullivan & Bill Bruehl
An original full length dance drama created by our own
faculty. Rooted in the pre-classic myths that precede the epic
tale of Dionysus, this work in progress celebrates our special
place on this planet.

December 3-6, 8-13, 1992

## Special Event!

In addition to our regular season, two Japanese Kyogen and No plays will be presented as part of an exchange between the University of Kansas/Lawrence and Stony Brook.

Tickets to this special production are available only at the Single Ticket price, and can be ordered separately on the reservation form.

November 20-21, 1992

### Burn This

Written by Lanford Wilson • Directed by Tom Neumiller Neither a straight play nor a gay one (or perhaps it's the first play that's truely straight and gay), a comedy that laughs at its own tragic roots, Burn This champions the free expression of the individual spirit.

March 4-7, 11-14, 1993

### Stony Brook Dance Ensemble

coordinated by Randy Thomas
The Stony Brook Dance Ensemble will debut with
choreographies from students, faculty, and guest artists.

From "Hip-Hop" to Coltrane, to Heavy Metal – experience the diversity of music, dance, and movement.

March 25-28, 1993

### The Rivals

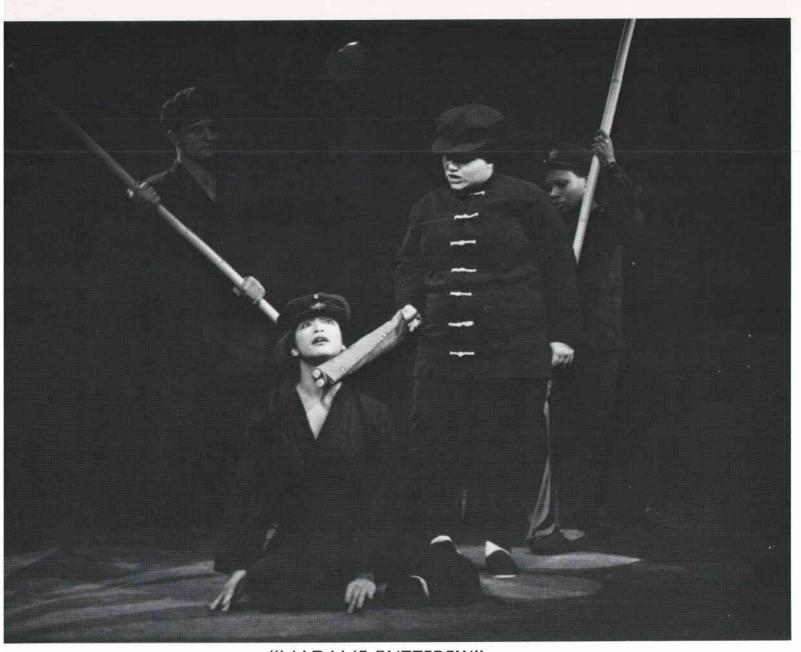
written by Richard B. Sheridan • directed by John Cameron Our classic offering of the season. This play of humorous yet well drawn characters and situations marks one of the early successes that has made Sheridan a popular playwright for several centuries.

April 29-May 2, 6-9, 1993

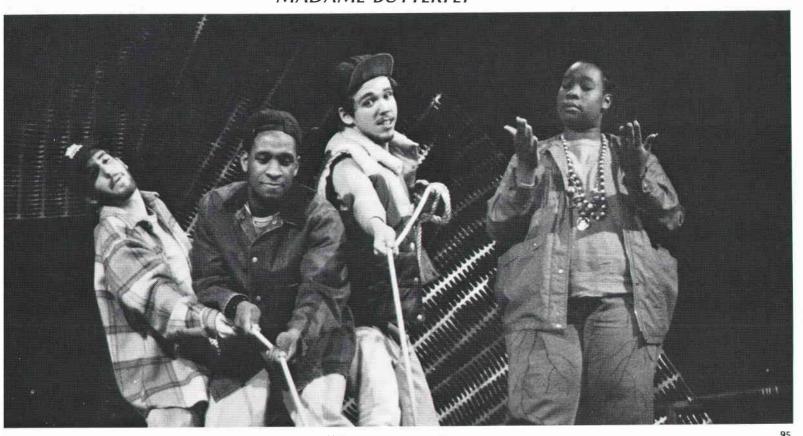
For Subscriptions & Single Tickets call (516)632-7230

Story Brook Theatre

UNIVERSITY AT STONY BROOK STATE UNIVERSITY OF NEW YORK



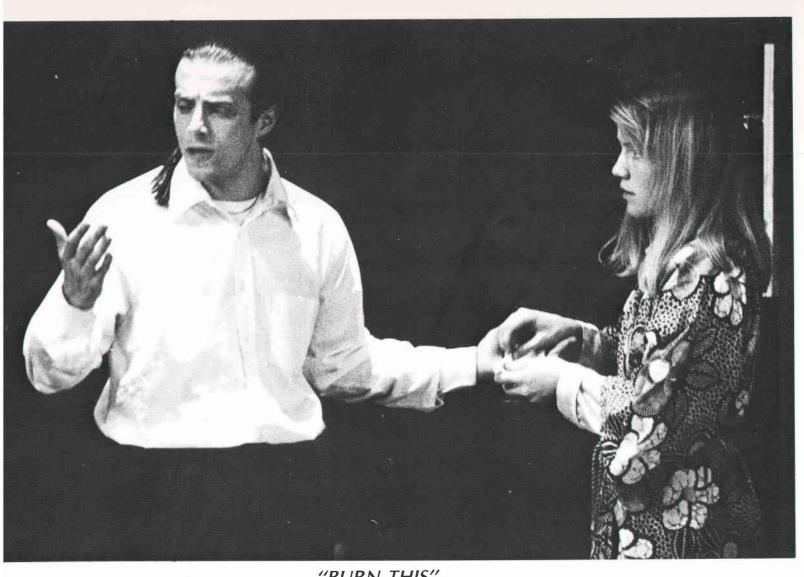
"MADAME BUTTERFLY"



"CEILLY HEY"



"THE RIVALS"



"BURN THIS"



"STONY BROOK DANCE ENSEMBLE"

Suehirogari • A Kyōgen Comedy ("Shopping for an Object that Spreads out at the End")

Sumidagawa ● A Nō Play

("The Sumida River")

Traditional Japanese Theatre
Directed by Andrew T. Tsubaki

Performed with English dialogue

8:00 pm • November 20 & 21, 1992 Theatre Two/Staller Center for the Arts

Tickets on sale in the Staller Center Box Office • 632-7230 public \$8, senior citizens and students \$6





### THE 1993 CAMPUS LIFE AWARDS



#### ULTY STUDENT ASSOCIATION AWARDS

A JONA QUALITY OF LIFE AWARD SCHOLARSHIPS - This award recognizines students have enriched campus life and the campus workplace environment. Elsa Jona was an FSA check ing supervisor who reached many students and staff through her never ending assistance and derful personality.

LLY HUNT SCHOLARSHIP AWARD - This scholarship is being presented for the first time in Spring of 1993 in bonor of Holly Hunt (1968-1992), a member of the Stony Brook Class of 1992. scholarship is presented to an FSA student staff member who has continued the wonderful tradition ive, friendship, and dedication which Holly brought the campus workplace environment.

#### DENT AND STAFF SERVICE AWARDS

se awards are in recognition of students and staff who have made a significant contribution or change shance the Stony Brook Union and campus programs, services and/or facilities.

#### DERSHIP AWARDS

Department of Student Union and Activities recognizes the leaders of major student clubs and nizations. These leaders and their organizations have significantly contributed to campus life.

#### DIA SERVICE AWARDS

award is presented in recognition of service and dedication of Editors and Program Directors of

### TERNITY/SORORITY AWARDS

ADEMIC EXCELLENCE AWARDS - Given to fraternities and sororities with the highest ulative grade point averages.

MPUS SERVICE AWARDS - Given to the fraternity or sorority who has successfully emented the most outstanding service project on the Stony Brook Campus.

MMUNITY SERVICES - Given to the fraternity or sorority who has successfully implemented the t outstanding community service project.

### DENT POLITY ASSOCIATION AWARDS

JITY APPRECIATION AWARD - Given to members of the campus community that have shown cation and concern to the improvement of the quality of student life.

ADEMIC ENHANCEMENT AWARD - Received by a Polity member who has made a significant it to improve the quality of student education and the university

IDENT POLITY EXCELLENCE IN PROGRAMMING AWARD - This award will go to a ent or organization who has demonstrated outstanding programming ability and consistent efforts ards improving campus life.

IDENT POLITY LEADERSHIP AWARDS - Students who exemplify the qualities of student ership will be eligible for this award.

IDENT POLITY ACHIEVEMENT RECOGNITION - Awarded to students in Polity that have e significant contributions to improve Student Polity and increase its effectiveness.

JITY APPRECIATION AND RECOGNITION AWARD - Given to graduating Polity members ecognition of their service and contributions to the Student Polity Association.

### HSC STUDENT ASSOCIATION AWARDS

HEALTH SCIENCE CENTER STUDENT ASSOCIATION AWARD - Given to an individual from the Schools of Nursing, Social Welfare or Allied Health Professions who has excelled in areas of community service and leadership.

#### THERESA MONTENARO 200% STUDENT LEADERSHIP AWARDS

Theresa Montenaro worked as a custodian in the Student Union Building for almost 20 years. This award is named in honor of Theresa for her generous spirit, unceasing dedication and commitment to service to the Student Union and campus activities.

\*\*\*

Welcoming Address & Opening Remarks Paul Chase

Dean of Students, Assistant V.P. of Student Affairs

PRESENTATION OF AWARDS

Faculty Student Association

Scholarships

Kevin Kelly

Executive Director, FSA

Student and Staff Service Awards

Carmen Vazquez

Director, Student Union & Activities

Media Service Awards

Norman Prusslin

Assistant Director of Media Services

Leadership Awards

Cheryl Chambers

Assistant Director of Student Union & Activities

Fraternity and Sorority Awards

Natalie Gaynor Student Activities Advisor

Student Polity Association

Stressoir Altemis

**Awards** 

Executive Director, Polity David Greene, President

**HSC Student Association Awards** 

Kari Diers

President, HSC Student Association

Theresa Montenam 200% Student Leadership Award

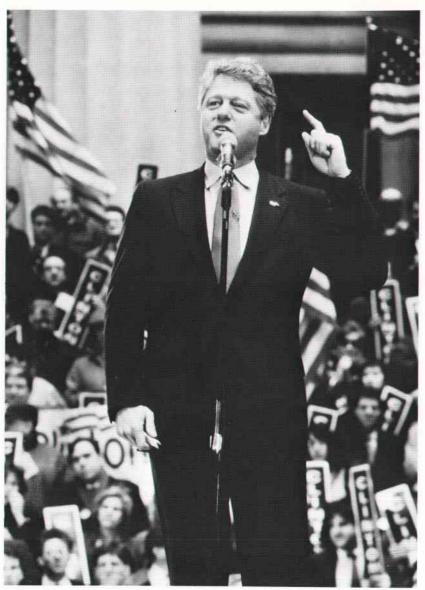
Cannen Vazuuez

Closing Remarks

Lou Copertino

Associate Director, Student Union & Activities

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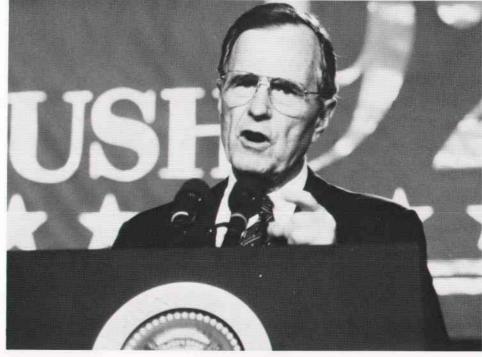




Bill Clinton

H. Ross Perot

# CURRENT EVENTS



George Bush







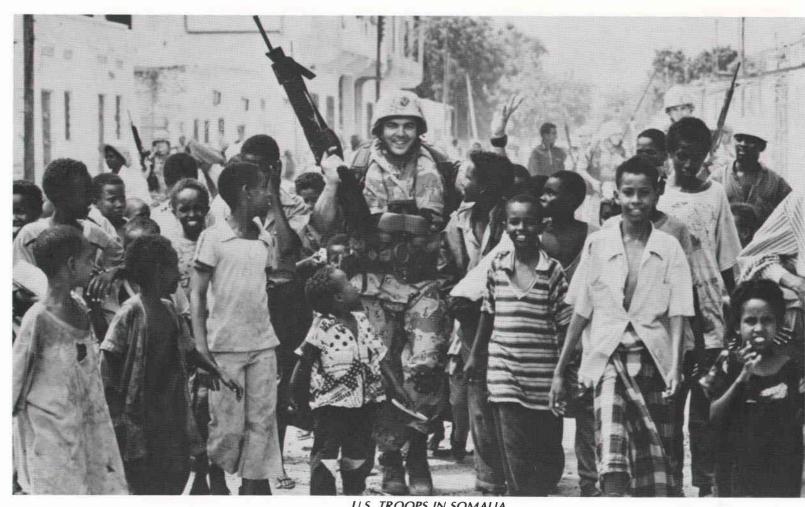
BORIS YELTSIN



AL GORE



TIPPER GORE & HILLARY CLINTON



U.S. TROOPS IN SOMALIA



LA Riots



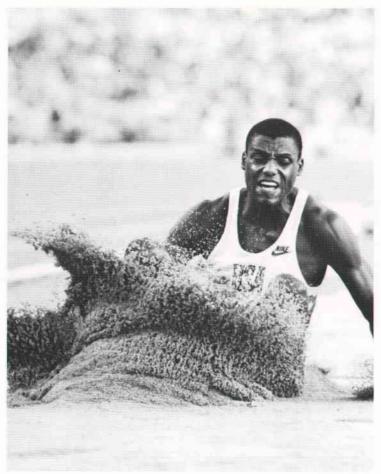


Croatian Civil War

Unemployed



Serbian Soldiers in Bosnia



1992 Olympics

1992 Olympics





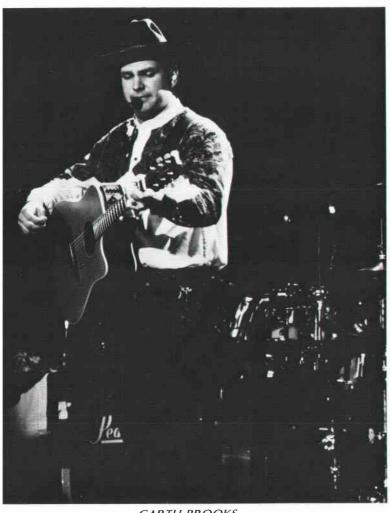
ICE-T

BILLY RAY CYRUS





RED HOT CHILI PEPPERS



GARTH BROOKS



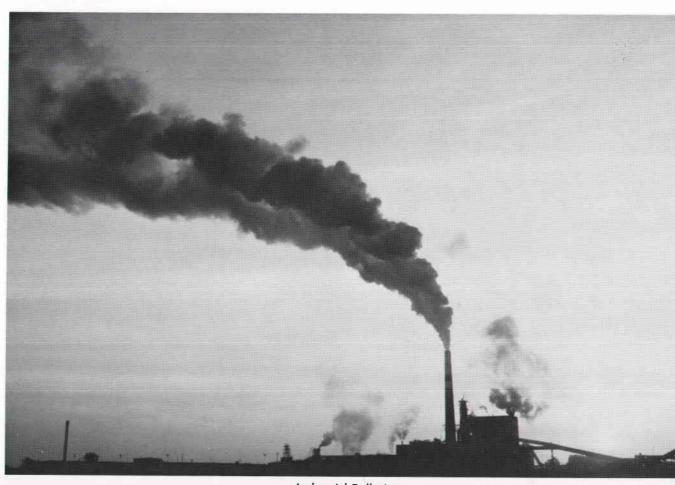
VANESSA WILLIAMS



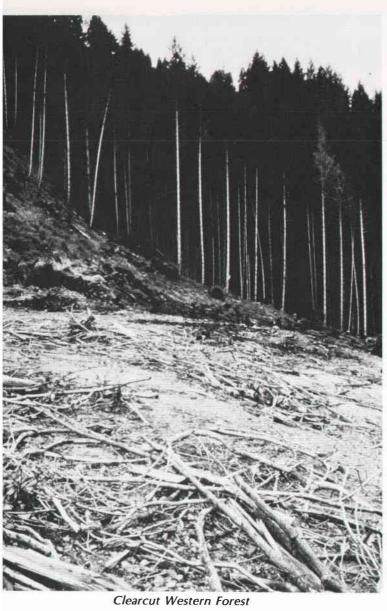


EN VOGUE

MARIAH CAREY



Industrial Pollution





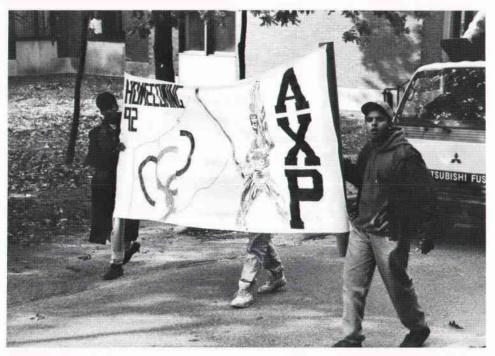


Recycle!



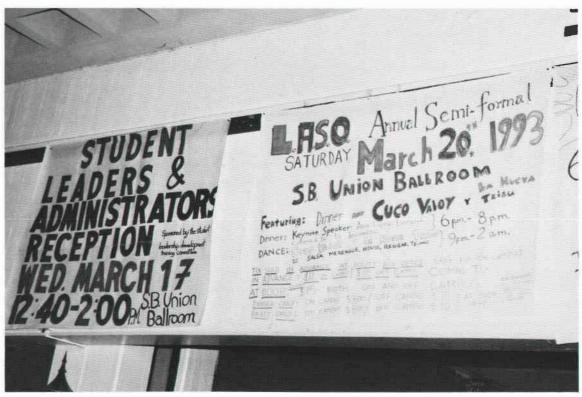
Hurricane Andrew











### STUDENT COUNCIL

#### **EXECUTIVE MEMBERS**



Top Row: Alfonso Grant - Senior Representative David Green - President Richard Ries - Freshman Representative Corey Williams - Treasurer Jerry Hall - Vice-President Crystal Plati - Sophomore Representative Rachel Richards - Secretary Tricia Stuart - Junior Representative

#### STUDENT COUNCIL



HAITIAN STUDENT ORGANIZATION



#### CARIBBEAN STUDENT ORGANIZATION







LATIN AMERICAN STUDENT ORGANIZATION





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**Associate Editor** Catherine Krupski

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Advertising policy does not necessarily reflect editorial policy. For more information on advertising and deadlines call (518)632-6451

Staff meetings are held Wednesdays promptly at 1:00 pm.

> 060 & 061 Student Union SUNY at Stony Brook Stony Brook, NY 11794-2790 (516)-632-8451

#### CHINESE ASSOCIATION AT STONY BROOK



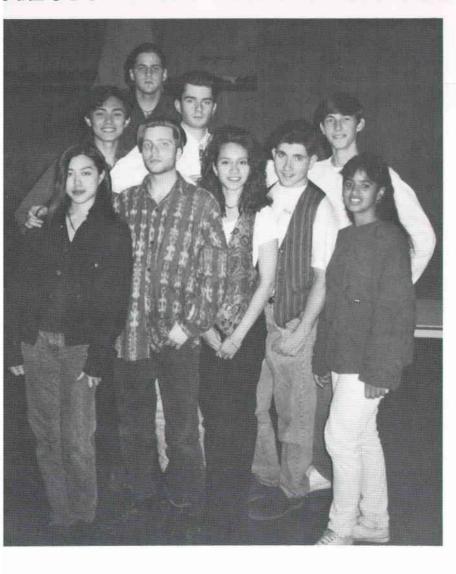




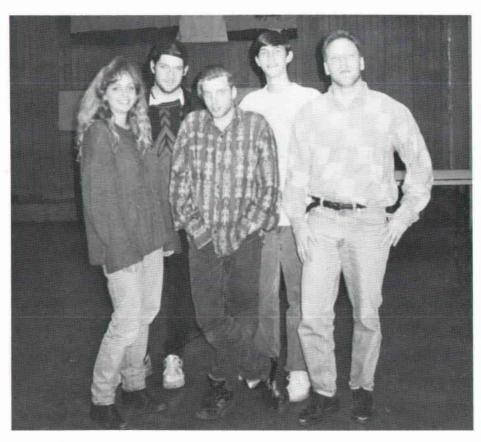




### RESHMAN COMMITTEE



PARACHUTE CLUB

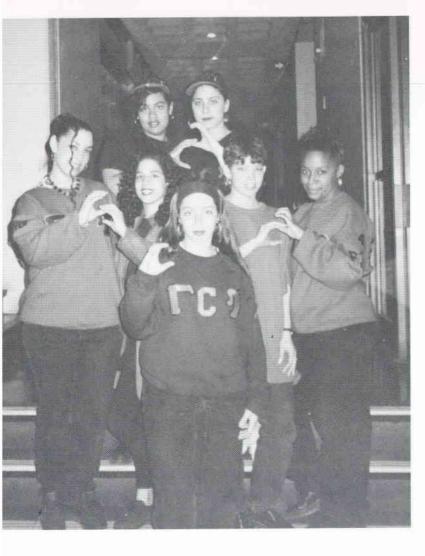


#### SIGMA IOTA ALPHA



SIGMA ALPHA ZETA

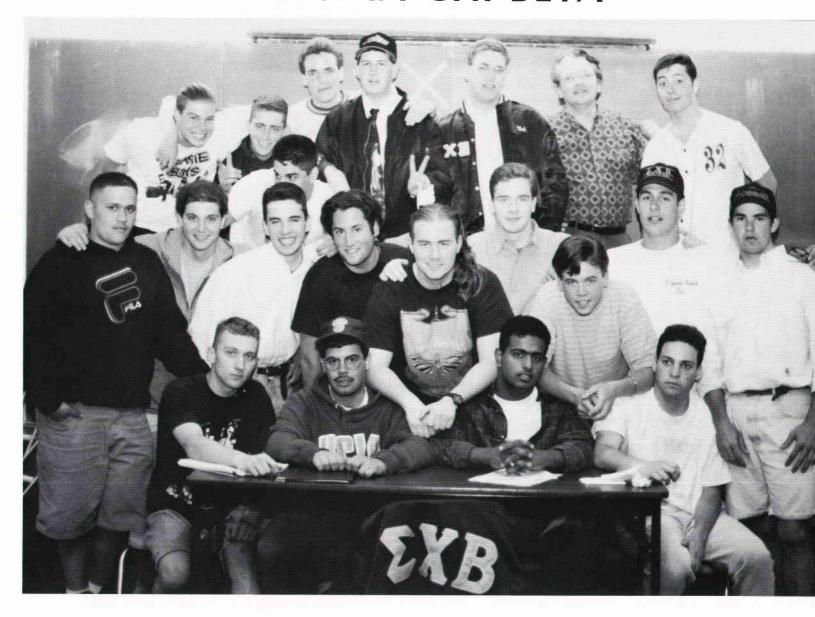




BALAAMMU TAU

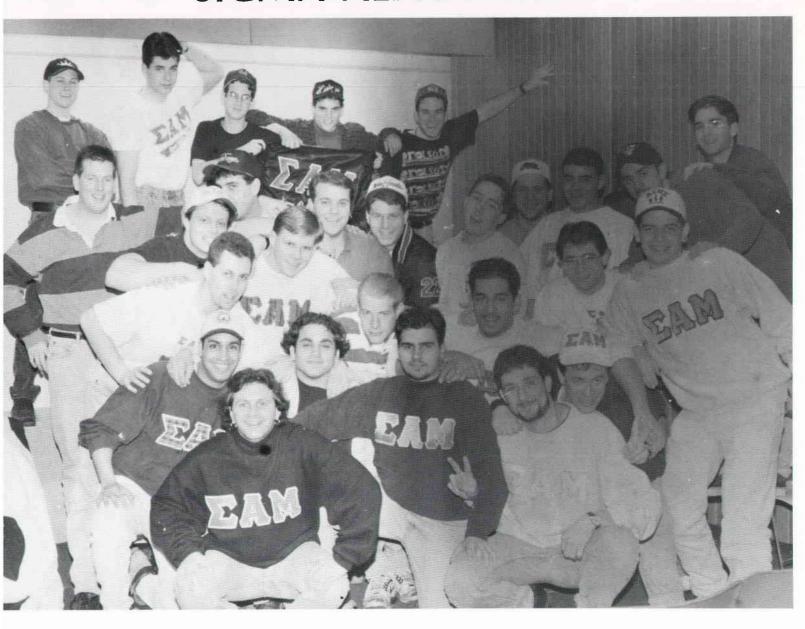


### SIGMA CHI BETA





### SIGMA ALPHA MU

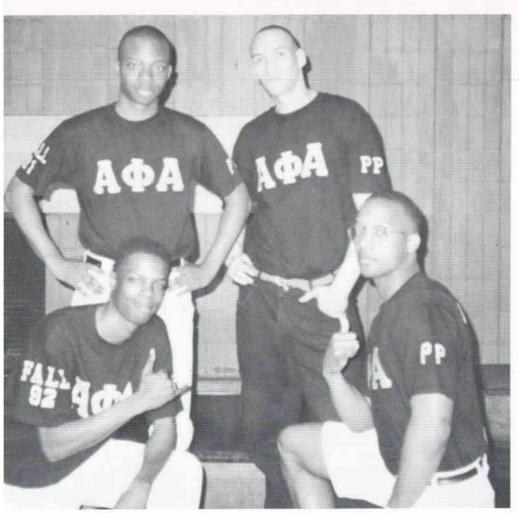


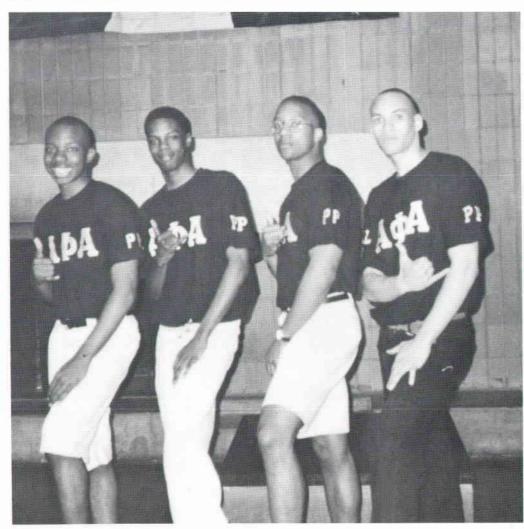
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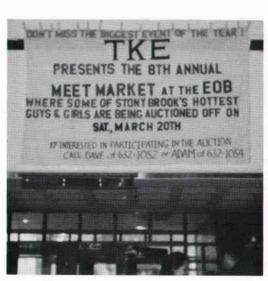


#### ALPHA PHI ALPHA





#### TAU KAPPA EPSILON

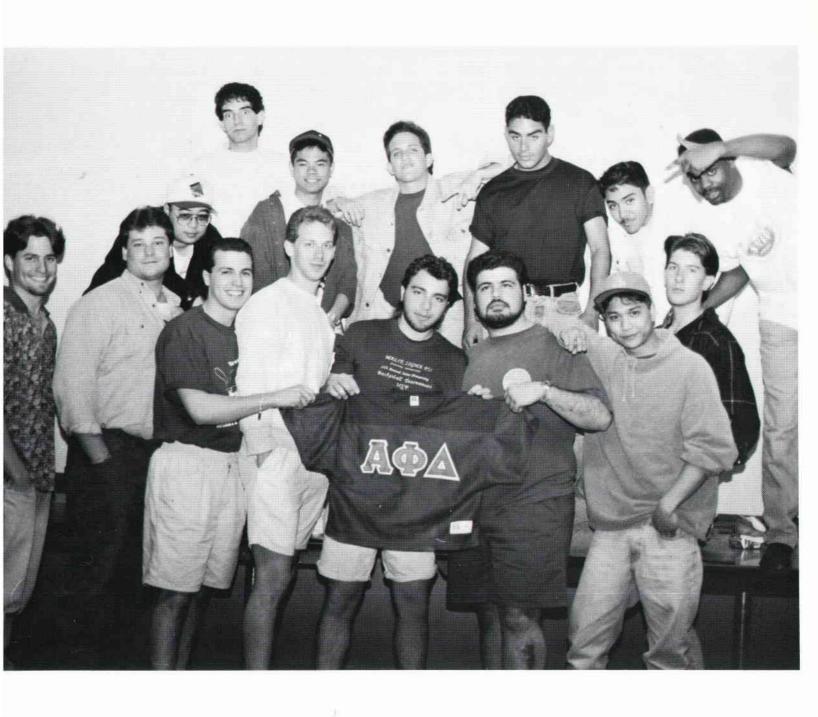




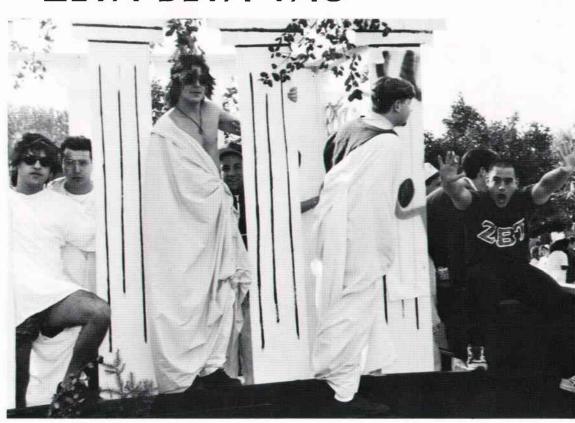


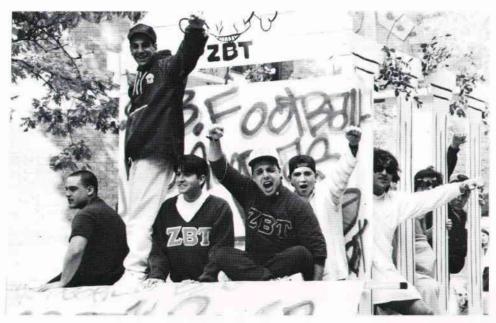


### ALPHA PHI DELTA



#### ZETA BETA TAU























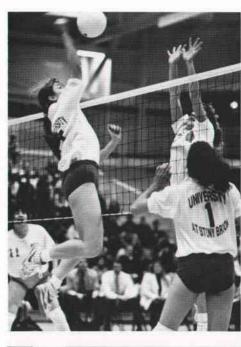


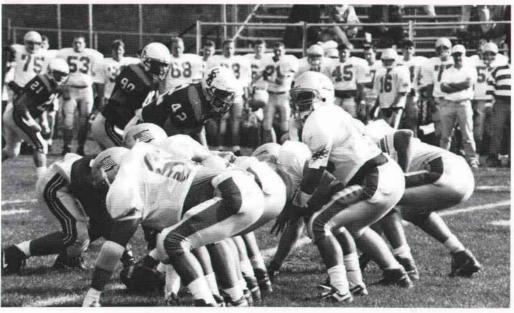


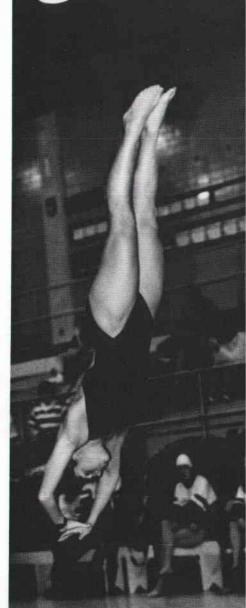


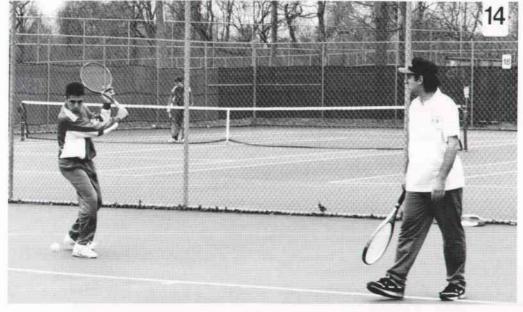










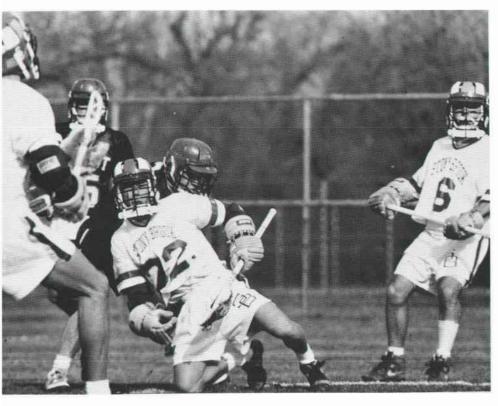


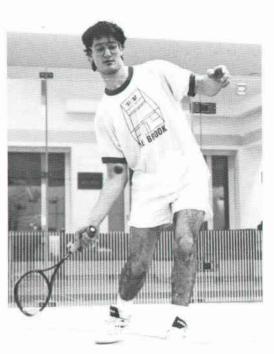




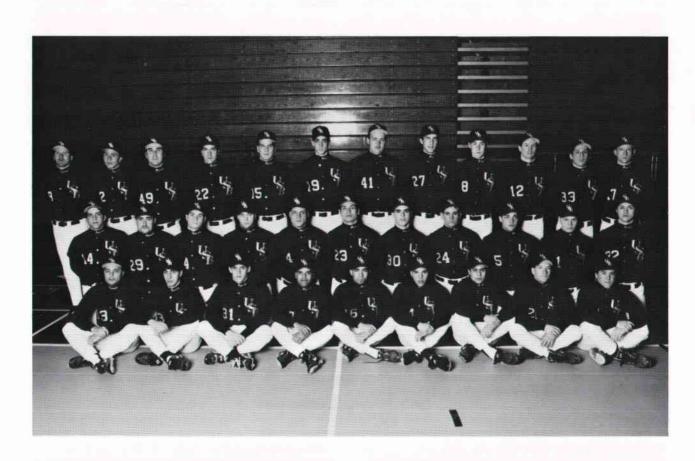








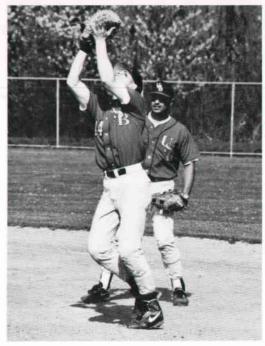
# Baseball



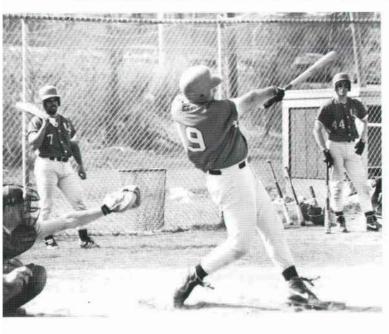
No	Name	Yr	Pos
1	Patrick Hart	Fr	P
2	Mark Balsamo	Fr	55
2 3	Sal Azzariti	Jr .	OF
4	Brian Norton	Sr	c
4 5 7 8	Carl Rasmussen	50	OF
7	Ken Kortright	Sr	2B/SS
8	Joe Nathan	Fr	3B/SS
11	Scott Shermansky	5r	OF
12	Drew McDowell	Sr	P
13	Vin Autera	Sr	2В
14	Rob Zuclich	Fr.	P
15	Bill Wilk	Sr	P/OF
16	Barry Liebowitz	Sr	P
17	Tim Lynch	Fr	P
19	Mike Robertson	50	P
21	Mark Eads	Jr	OF/P
22	Rob Panella	Sr	OF
23	Evan Karabelas	Sr .	38
24 27	Artie DellaRocca	Sr .	55
28	Mike Lorenz	Jr .	P/OF
20 29	Bruno Oliveto Erik Haag	5o	OF 10
30		Fr Fr	1B
31	Chris Livingston Jason Cifuentes	Fr	2B 2B
32	Chris Angelora	Fr	e e
33	Adam Karol	<i>''</i>	OF.
34	Dave Marcus	5o	C
41	Stan Dybus	Fr	P
44	Santo Ciccarello	Fr	1B
49	Jason Greco	Sr	ŎF
	Garrett Waller	Fr	2B/P
	Coach: Matt Senk tant: Don Willsey		

	¥ 1			
		Results — 28 Games (13-14-	-1 .482)	
DATE		OPPONENT	SCORE	
3-30		Molloy	2-3	
3-31		St. Joseph's	1-0	
4-6	(1)	Oneonta	2-0	
4-6	(2)	Oneonta	7-6	
4-7	(1)	Binghamton	5-7	
4-7	(2)	Binghamton	10-2	
4-8		St. Thomas Aquin	1-2	
4-9	(1)	Western Conn.	2-8	
4-9	(2)	Western Conn.	4-3	
4-13		Kings Point	6-7	
4-14		Lehman	9-9	(10 inn)
4-18		John Jay	7-6	
4-18	(1)	Staten Island	8-5	
4-18	(2)	Staten Island	10-12	(8 inn)
4-21		Kings Point	3-4	
4-24	(1)	New Jersey Tech	3-4	
4-24	(2)	New Jersey Tech	5-6	
4-25	(1)	Upsala	1-6	
4-25	(2)	Upsala	11-0	
4-28		St. Joseph's	8-2	
4-29	140	Kean	10-11	
4-30	(1)	Old Westbury	7-4	
4-30	(2)	Old Westbury	6-7	(8 inn)
5-1	(1)	Manhattanville	0-4	
5-1	(2)	Manhattanville	11-4	
5-5	(1)	New Paltz	9-0	
5-5	(2)	New Paltz	19-2	
5-8		Adelphi	1-5	











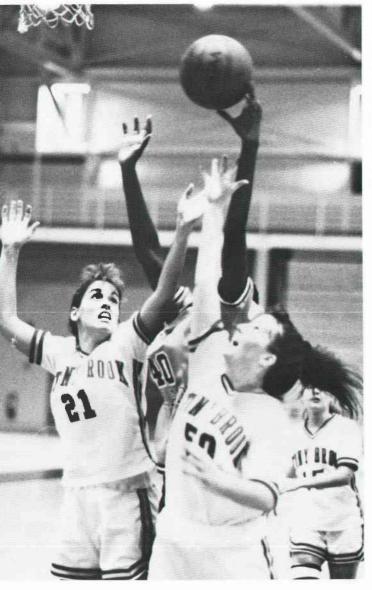
### Women's Basketball

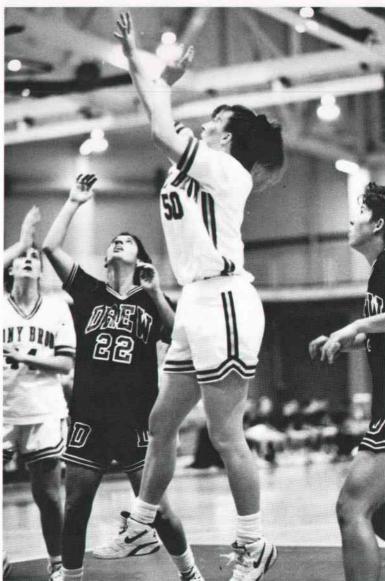


No	Name	Yr	Po
140	Name	- "	70
12	Tina Carew	Jr	G
15	Marisa Baran	Fr	G
20	Kim Douglas	50	G
21	Cathy Crean	Jr	F
24	Renee Raleigh	So	G
25	Ngozi Efobi	Fr	F
34	Erika Bascom	So	F
35	Christine Fyrberg	So	G
44	Joan Gandolf	Jr	F
45	Richshawna Sims	So	F
50	Donna Murphy	So	F
	d Coach: Dec McMul stants: John Horst	llen	

DATE	OPPONENT	SCORE
11-20	Coast Guard	74-53
11-22	Drew	97-67
11-30	Staten Island	79-43
12-2	Old Westbury	67-37
12-5	Ithaca	61-60
12-6	Scranton Univer	46-65
12-8	Mt. St. Vincent	82-40
12-28	Wartburg	59-76
12-29	Augustana	58-73
12-30	Amherst	76-54
7-14	John Jay	68-25
1-16	Western Conn.	40-70
1-18	Mt. St. Mary	58-47
1-20	CCNY	84-28
1-23	Cortland St.	53-55
1-24	Binghamton	61-58 (OT)
1-27	New York Univ.	39-69
1-30	Scranton	65-79
2-1	Hunter	70-41
2-4	Albany	63-70
2-6	Vassar	67-37
2-10	York	84-42
2-15	Wm. Paterson	67-63 (OT)
2-20	Clark	74-60
2-26	St. John Fisher	54-57

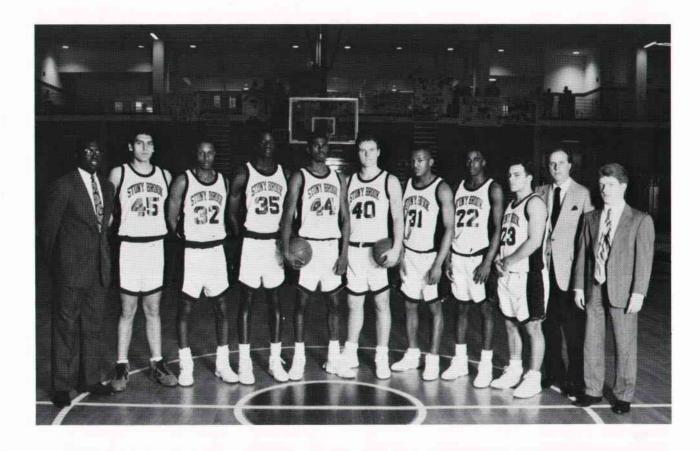






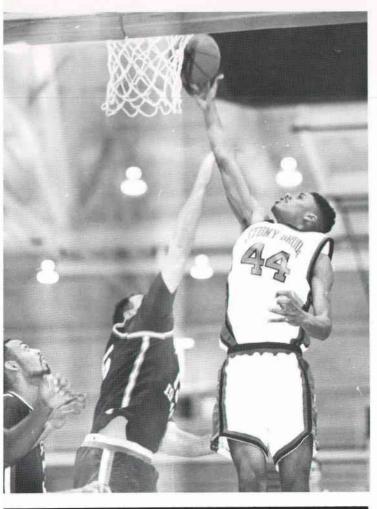


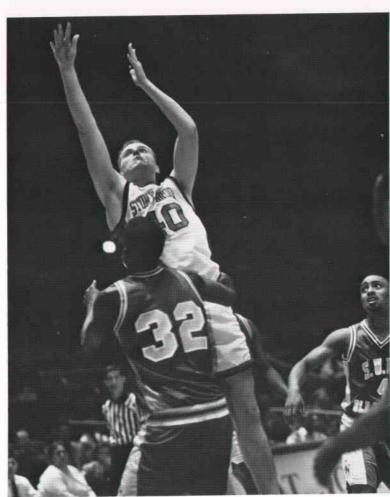
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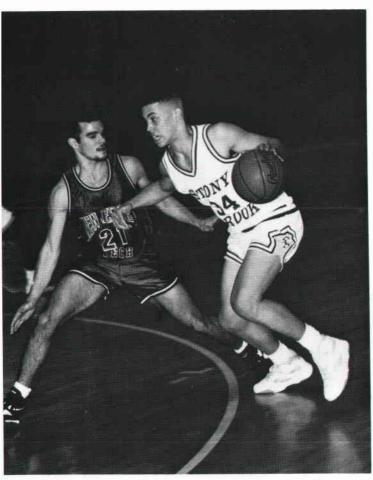


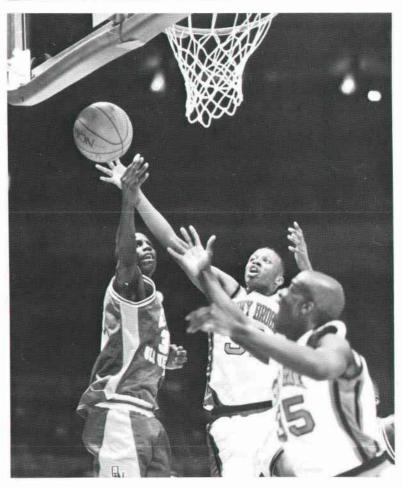
		4.5	
No	Name	Yr	Pos
15	Greg Alexandre	50	F
22	Gary Comer	Fr	G
23	Joseph Kirch	Fr	G
24	Michel Lamine	Jr	c
25	Ricky Wardally	Sr	F
32	Vernard Williams	Jr	F
34	Ron Duckett	Fr	G
35	Luc Baptiste	Jr	$\boldsymbol{c}$
40	Patrick Cunningham	So	F
45	Dinos Mekios	Fr	c
Assis	l Coach: Bernard Tomi tants: Joe Woltering, E ouler		

		sc	ORE	1-27	York	73	63
DATE	OPPONENT C	NWC	OPP	1-30	Hofstra	57	78
11-20	Wesley	91	61	2-1	CW Post	60	65
11-21	Frostburg State	48	70	2-4	Manhattanville	39	41
11-30	Lehman	102	32	2-6	Albany	48	61
12-5	McGill	68	59	2-8	Hunter	60	88
12-6	Skidmore	72	56	2-11	New Jersey Tech	62	82
12-9	New Jersey Tech	80	69	2-13	Staten Island	63	45
1-3	Staten Island	79	71	2-16	Kings Point	61	56
1-8	Oneonta	69	57	2-20	Manhattanville	81	56
1-9	Binghamton	49	50	2-26	Western Conn	64	58
1-14	FDŬ-Madison	64	46	3-1	Old Westbury	53	57
1-21	Kings Point	64	63	3-6	Medgar Evers	66	59
1-23	Hunter	60	67	3-10	Trenton State	55	51
1-25	Mt. St. Vincent	81	84	3-16	Jersey City St.	56	66









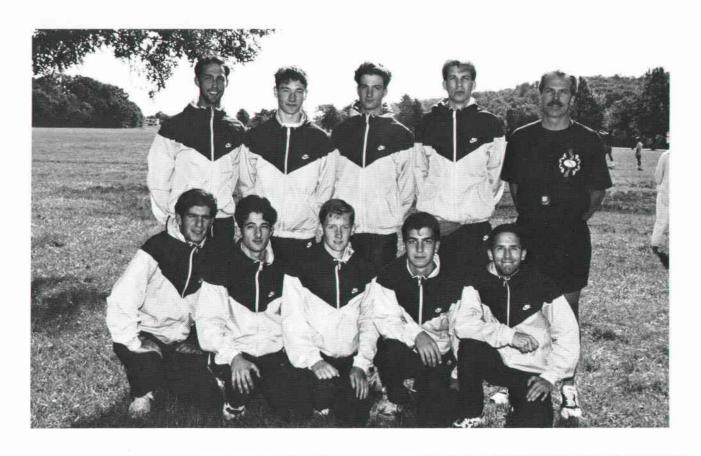
## WOMENS CROSS COUNTRY



Name	
Rokhaya Cisse Carey Cunningham Molly Doherty Lillianne Gu Nicole Hafemeister (C) Lalena Heske Delia Hopkins (C) Shanthie Koshy Erin McEvoy Marilyn McKee Erica Riley Luci Rosalia	
Head Coach: Steve Borbet	

9/12	Stony Brook Invitational	1st place
9/19	King's Invitational	5th place
9/26	Hunter Invitational	7th place
10/10	Public Athletic Conference	2nd place
10/17	Union Invitational	4th place
10/24	Albany Invitational	8th place
10/31	Collegiate Track Conference	4th place
11/7	ECAC Championships	8th place
11/14	NCAA Regional Championships	7th place

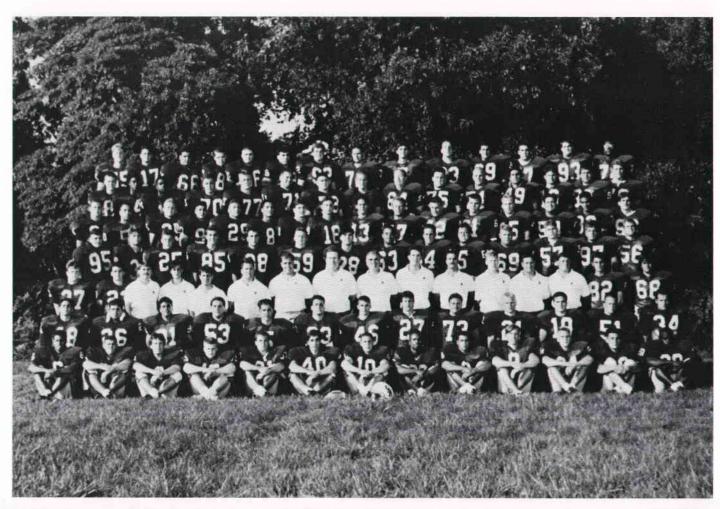
# MENS CROSS COUNTRY



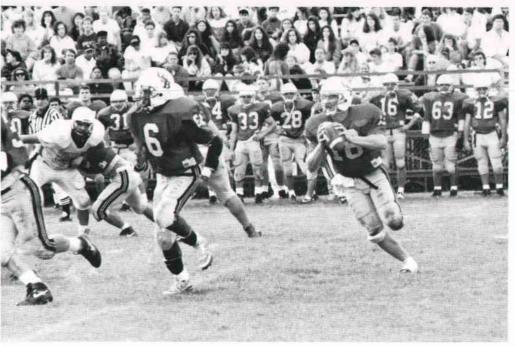
Name	
Jason Clark (C) Ken Graham John Grossfeld Neal Levy John Lyons Rory Manning John Pikramenos Yariv Pomeranz Pat Riegger (C) Victor Rugg Scott Scheffer Hoonkee Shin	
Head Coach: Steve Borbet	

9/12	Stony Brook Invitational	1st place
9/19	King's Invitational	2nd place
9/26	Hunter Invitational	4th place
10/10	Public Athletic Conference	1st place
10/17	Union Invitational	5th place
10/24	Albany Invitational	8th place
10/31	Collegiate Track Conference	JV only
11/7	ECAC Championships	3rd place
11/14	NCAA Regional Championships	6th place

# **FOOTBALL**



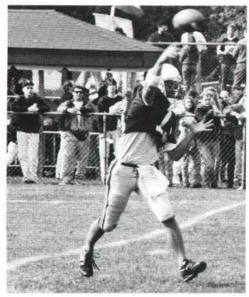
7											
No	Name	Pos	25	David Prensky	LB	49	Ali Tabrizchi	LB	76	Rob Crowley	ОТ
			26	Dan Fuentes	DE	50	Michael Logan	LB	77	Ryan Casey	DE
3	Richard Black	K	28	Luke Posniewski	RB	51	Brian Borawski	DT	78	Chris O'Shea	OT
4	Dwayne Bryant	RB	29	Ray D'Aponte	DE	52	Nicholas Mequia	LB	79	Greg Cross	OT
6	Dennis Marte	DB	30	Jean Zephirin	RB	53	Terrence Leonard	C	80	Justin Pannullo	LB
7	James Pastier	QB	31	Carlos Zena	DB	54	Bruce Muro	DT	81	Glenn Saenz	WR
9	James Cavvoto	ĎВ	32	Rene Florville	LB	55	Karl Simons	OT	82	Mike Bahr	WR
10	Orazio Bucolo	WR	33	Scott Murphy	RB	56	Adam Felicetta	OT	84	Jonathan Fischer	TE
11	Keith Maritato	DB	34	Lenny Catalano	RB	57	Richard Russo	LB	85	Matthew Larson	WR
12	lim Heptig	WR	35	Billy Justesen	RB	59	Randy Aleshevich	OG	86	Brent Spineo	TE
13	Timm Schroeder	QB	36	Brett Cotter	RB	60	Michael McKiernar	10G	88	Dan Kozerski	TE
14	Christopher		37	Richard Alberti	LB	61	Matthew Klepeis	OG	89	John Labrador	TE
700	Delmadge	RB	38	Anthony Famigletti	i LB	63	Gregg McLeod	OG	90	Michael Benedetto	LB
15	David Lamberson	LB	39	William DeWitt	LB	65	Paul Thorn	OT	91	Julio Genao, Jr.	DT
16	Scott Schuster	DB	40	Bob Carlucci	LB	66	Chris DeMayo	OT	92	Kevin Heffernan	DE
17	Kevin Walsh	QB	41	John Hillery	RB	67	John Gillespie	OT	93	Brian Wilson	TE
18	leff Heck	Ŕ	42	Christopher David	DE	68	Chris Parella	DE	95	Joe Minning	DE
19	James Saladino	DB	43	Alphonso Grant	DE	69	Michael Drum	DT	96	Thomas Avella	DE
20	Marc Phillips	DB	44	Ken Zach	RB	70	George Haines	OT	97	King Wilson	LB
21	Sean Van Slyck	DB	45	Richard		72	Paul Jenkins	OT	98	Anthony Gentile	DT
22	Leroy Saunders	WR		McConekey	LB	73	James Chiarello	LB	99	Brad Lachow	DT
23	Russel Goldstein	WR	47	Craig Amarando	LB	74	Matthew Fell	OT			
24	Rick Geier	DB	48	Michael Sirchia	DB	75	Shawn Stebbins	OG			
2.00											
The same of the sa											

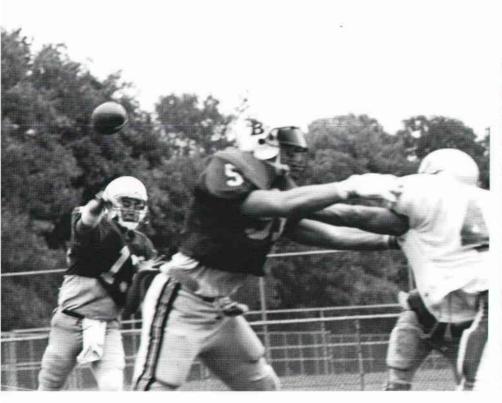


Opponent	Score
Pace	28-0
Bentley	27-12
t Coast Guard	24-19
acred Heart	20-0
t Gettysburg	12-15
t Wesley	14-21
Cings Point	7-28
t Western Conn.	16-20
Plymouth State	10-21
Mass-Lowell	31-27

SCORING 1ST 2ND 3RD 4TH TOT STONY BROOK 6 58 69 56 189 OPPONENTS 41 46 33 43 163

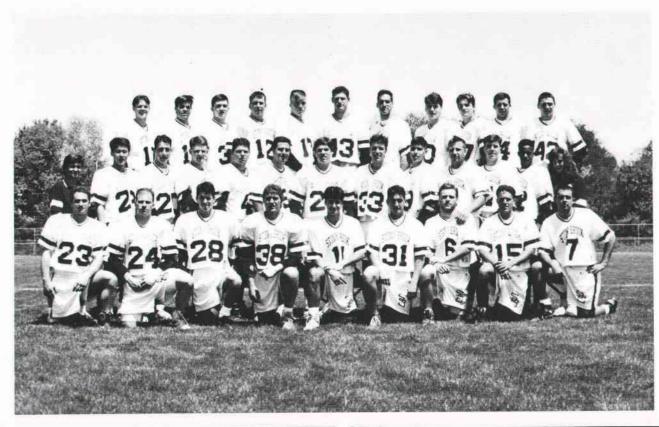








#### **LACROSSE**



No 2 3 4 5 6 7 9 10 11 12 14 15 17	Name  Brady Clouser Mike Durgey Matt Connolly Paul Leva Dennis Duswalt Mike Scerbo Joe Spallone John Schafer Vin Cartafalsa Peter Arendt Tim Kolm Jason Morales Gerard Ronan	Pos M D M D A G A M D M	23 24 25 27 28 31 32 33 34 37 38 40 41 42 43	Mike Feinstein Steve Suarez Mike Bocchino William DeWitt Brian Johnson Steve Cox Pat Delaleu Ed Havel Mike Curatolo John Micena James Sommese John Hillery Chris Chamberlain Will Imhoff Paul Schultes	M
19 20 22	Omar Ceballos Louis Ventura Kevin Dalland	A A M		Coach: John Espey nt: Brian McCormack	

Date	Oppon	ent				Score	
2/27 2/28	at Natio	vs D	uke			4-18	
3/3	at Duke MICHIO	e vs N GAN .	lorth (	Caroli		3-18 9-7	
3/10 3/27 3/31	LEHIGH COLGA MARIS	TE				7-14 12-14 15-9	
4/4 4/10	at Darti	Air Fe	orce A		my	9-10 6-16 9-10	ОТ
4/17 4/18 4/22	NEW H PRINCE at Harti	TON	SHIKE			7-18 17-6	
4/24 5/1 5/8	at Bosto U.S. NA ADELPH	VAL		DEMY		3-14 5-13 10-13	
Record 3-	11						
Score By	Quarters: 1	2	3	4	от	Total	Per Game
Stony Bro Opponen		30 50	32 37	27 41	0	116 180	8.3 12.9











### Women's Soccer



No	Name	Yr	Pos
00	Kristine Prazak	Fr	GK
7	Chris Foley	5r	GK
1 2 3	Christine Cleary	Sr	M
3	Miki Callahan	50	F
6	Heather Lavery (C)	Sr	В
6	Debbie Egger	Sr	В
	Denise Laviola (C)	Sr	F
10	Amy Coakley	So	В
11	Yvonne Hayduscko	50	M
12	Rebecca Aig	So	F
14	Annya Callahan	So	M
15	Sue Scheer	Jr	M
16	Kelly Ann Redmond	So	M
17	Chris Amorin	So	В
18	Laura Corrigan	Fr	В
20	Chris Cuggino	So	M
21	Jenifer Cavallaro	Sr	F
23	Lana Peterson (C)	5r	F/GK
	Coach: Susan Ryan ants: Lizanne Coyne, Peter	r Collii s	

Date	Opponent	Resu
9/5	LEHIGH	1-2
9/8	at Iona	1-1
9/13	DELAWARE	2-0
9/15	YALE	0-3
9/20	VERMONT	0-2
9/22	at West Point	7-7
9/26	at U. of California at Davis	0-5
9/27	at U. of San Francisco	0-2
10/1	at Princeton	1-3
10/3	Stony Brook vs Maine	3-2
10/4	Championship Game (Villanova)	0-0
10/9	at Boston College	0-1
10/11	at Springfield	0-4
10/15	ST. JOHN'S	0-0
10/17	GEORGE WASHINGTON	1-3
10/20	at Columbia	1-3
10/25	ST. PETER'S	7-0
10/28	at Villanova	1-2
10/31	RHODE ISLAND	3-0
107.5	MONMOUTH	1-3

## MENS SOCCER



No.	Name
	Colin Charles
	Corey DeRosa
2 3	Rob Brennan
3	Brian Moelk
4	Jacques Nijankin
5	George LaRocca
6	Mike Geiger
7	Wilson Pun
8	Eryck Avila
9	Maciej Proscinski
10	Jason Musengo
11	Joe Gonzalez
12	Jonathan Maul
13 14	Andrew Snow
15	Jose Truzman Joe McCabe
16	Chris Grillo
17	Neil McKenna
18	Ron Palillo
19	Philippe Valbrune
20	Dinh Nguyen

ressistantes. T	Mike Gutch, Brett Buzzy	
Date	Opponent	Result
9/5	at Steven's Tech	3-0
9/9	at C.W. Post	0-3
9/12	SWARTHMORE	3-4
9/15	at Hunter	4-3
9/19	at Staten Island	3-1
9/23	SOUTHAMPTON	1-2
9/26	at Old Westbury	3-1
9/30	HOFSTRA	0-4
10/2	DOWLING	1-1
10/7	NEW PALTZ	2-1
10/10	at Vassar	0-1
10/14	at King Point	3-3
10/17	at Albany	1-3
10/19	MANHATTANVILLE	4-1
10/21	MONTCLAIR STATE	0-1
10/24	at Binghamton	0-1
10/28	WILLIAM PATERSON	3-0
10/31	at N.J. Tech	0-2

### SOFTBALL



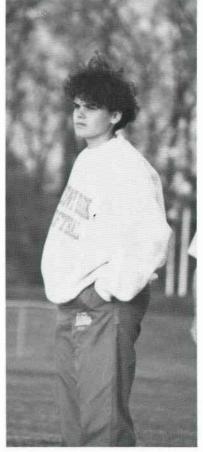
No	Name	Pos
3 9	Bridget Fennelly	C/OF
9	Chris Malanga	OF/SS
10	Christine DiBiase	IF.
11	Joanna Kerney	C/OF
12 13	Jo-Anne Greggo	3B
14	Daniele Dominick Maebell DeLeon	P/1B
15	Marissa Palazzolo	OF ec
17	Beth Matich	SS 1B
18	Kerry Diggin	2B
20	Liz Diaz	OF
21	Aimee Brunelle	OF/P
23	Heidi Epstein	OF/P
25	LaRhea Langdon	ĪĒ
	ch: Donna Lauria Jen Engmann	

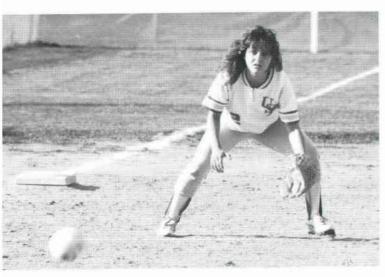
DATE 4-14		OPPONENT Hunter	SCORI 4-13	
4-15 4-15 4-17	(1) (2) (1)	W. Paterson W. Paterson Staten Island	0-13 0-10 13-12	(5 inn) (6 inn)
4-17 4-18 4-18	(2) (1)	Staten Island New Paltz	11-25 4-16	(6 inn)
4-19 4-21	(2)	New Paltz Molloy Lehman	0-15 1-4 14-4	(5 inn)
4-29 4-29 5-1	(2) (1) (1)	Montclair State Montclair State Albany	5-14 1-18 0-13	(5 inn) (5 inn)
5-1 5-5	(2)	Albany Southampton	0-19 4-10	(5 inn)
		Record: 2-12		





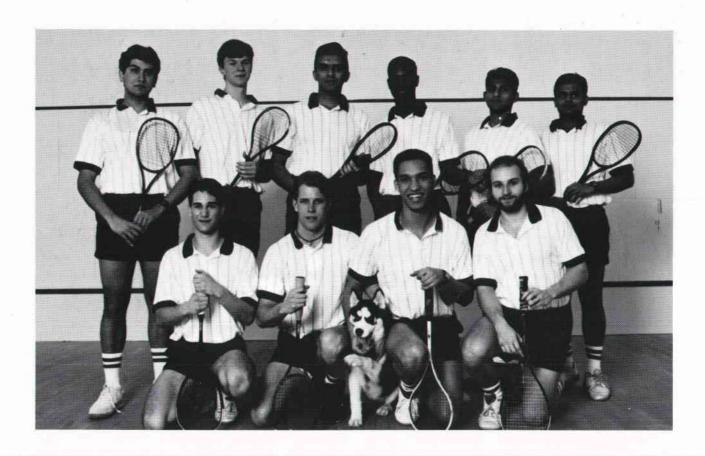








# Squash



Individuals:	Record
Gavin Appel	13-7
Scott Winokur	15-12
Ali Bukhari	11-15
Craig Appel	13-14
Oliver Dick	16-10
Sherry Irshad	19-7
Sebastian Shap	12-12
David Endres	17-10
David Cyrille	10-14
Dave Bennett	3-3
Suresh Subramanian	1-6
Fayyaz Younas	1-0
Joe Barresi	1-0
Pallav Shah	1-0
Head Coach: Bob :	Snider

Date	Opponent	Result
11/15	CONNECTICUT COLLEGE	9-0
11/15	HAVERFORD	9-0
11/18	Columbia	8-1
11/20	Babson (at Williams)	9-0
11/21	Tufts (at Williams)	5-4
11/21	Ohio Wesleyan (at Williams)	9-0
11/21	Western Ontario (at Williams)	1-8
11/22	Williams	0-9
12/5	WESLEYAN	9-0
12/6	FRANKLIN & MARSHALL	1-8
12/9	Fordham	2-7
1/16	Navy	0-9
1/16	Rochester (at Navy)	7-2
1/20	Bowdoin	9-0
1/20	Colby (at Bowdoin)	9-0
1/21	Bates	7-2
1/23	Yale	0-9
1/27	Tufts	8-1
1/28	Dartmouth	3-6
1/31	ARMY	7-2
2/3	FORDHAM	5-4
2/6	Hobart (at Vassar)	2-7
2/6	Vassar	1-8
2/14	COLUMBIA	8-1
Overall Record: 15-9		

# Women's Swimming



Name	Event
Adrian Barnes	Dive
Jennifer Cunniff (C)	Fly
Amy Felsenthal	Free
Tara Laurenzano	Dive
Terri Lukemire	Dive
Maria Corba	Free
Ellen DeBruin	Breast
Kristen Gregory	Free
Kristen Hall	Breast
Victoria Roebuck (C)	Dive
Elisa Stein	Breast
Patricia Acierno	Dive
Joanna Kerney	Dive
Kim Klyap	Free
Debra Abbrozzese	Back
Gabriella Aldolphi	Free
Sarah Anderson Corinne Jones	Back Fly Flv
Rebecca Phalen	Fly
Amy Jo Scoca	Back
Joan Walsh	Free
(C) denotes captain Head Coach: Dave Alexand	
Dive Coach: Trae Scott	

F 355		
Date	Opponent	Result
11/11	QUEENS	149-154
11/14	at Metropolitan Relays (at Fordham)	
11/24	at St. Francis	124-96
12/5	STONY BROOK DEFENDER'S CUP (with Southern Conn., Albany, Albertus Magnus, Skidmore)	4th
12/9	at New York University	109-121
1/13	MONTCLAIR STATE	120-117
1/16	at Skidmore (with New Paltz, St. Rose, Oneonta)	4th
1/23	at New Paltz	122-112
1/30	MANHATTANVILLE	76-37
	Hunter	97-16
Overall Rec	ord: 5-5	

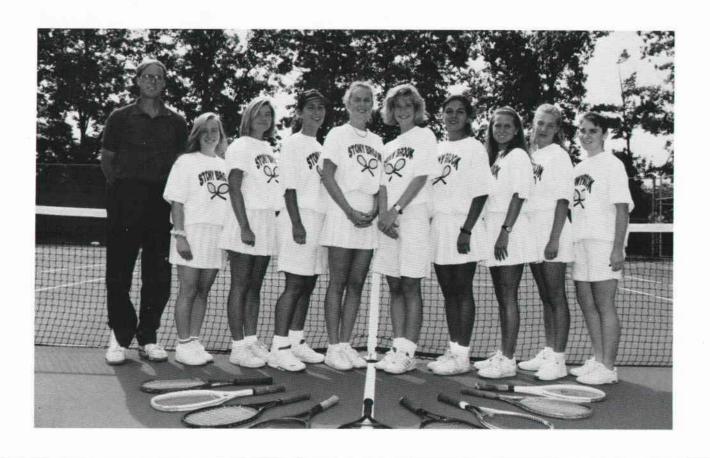
# Men's Swimming



Name	Event
Thelo Aiken	Freestyle
Zack Buck	Breaststroke
Mark Danin	Backstroke
Rhys Filmer	Freestyle
Joe Gonzalez	Butterfly
Ed Gros	Freestyle
Justin Kulchinsky	Freestyle
James Lester	Freestyle
Joe Morawski (C)	Breaststrok€
Peter O'Connor	Freestyle
Mark Palagiano (C)	Butterfly
Mike Rodriguez	Butterfly
Larry Sawyer	Dive
Larry Sullivan	Freestyle
Mark Sutera	Butterfly
Dan Tesone	Dive
Joe Whelan	Freestyle
Jason Weed	Dive
Head Coach: John DeMari	e
Dive Coach: Trae Scott	

Date	Opponent	Result
11/18	at New York Maritime	128-102
11/21	at Trenton State	111-141
11/24	at St. Francis with St. Peters	141-92
12/4	ALBANY	125-96
12/7	QUEENS	127-100
12/9	at New York University	118-124
12/12	ADELPHI	95-77
1/13	MONTCLAIR STATE	129-74
1/23	at New Paltz	106-127
1/27	KINGS POINT	117-122
1/30	GLASSBORO STATE	104-126
Overall Record:	6-5	

### WOMENS TENNIS



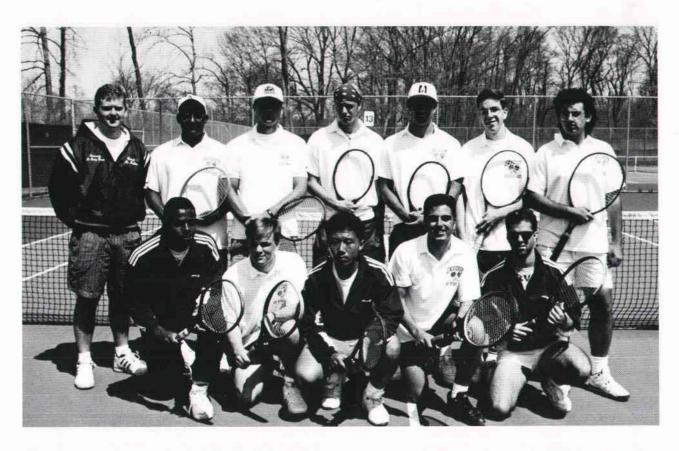
Name

Gisselle Campbell
Jackie Clark
Maura Clyne
Michelle Cunliffe
Perri Greenblatt
Eileen Hoy
Michele Korniewicz
Anna Lueken
Sarah Peterson
Alicia Ruegge
Amy Silverman
Tanya Woelfle

Head Coach: Paul Dudzick

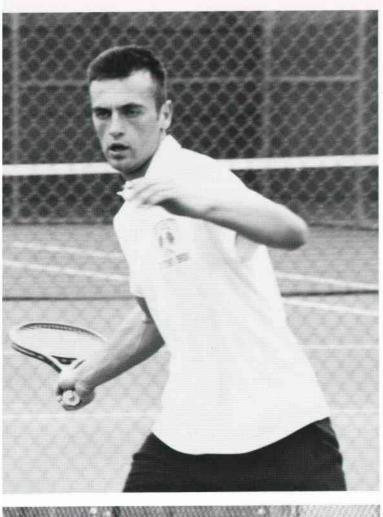
Date	Opponent	Result
9/14	at Hunter	7-2
9/19	NEW YORK UNIVERSITY	5-4
10/2	at Staten Island	8-0
10/11	at Albany	2-7
10/12	ADELPHI	6-3
10/22	DOWLING	8-1
Overall Reco	ord: 5-1	

### MENS TENNIS

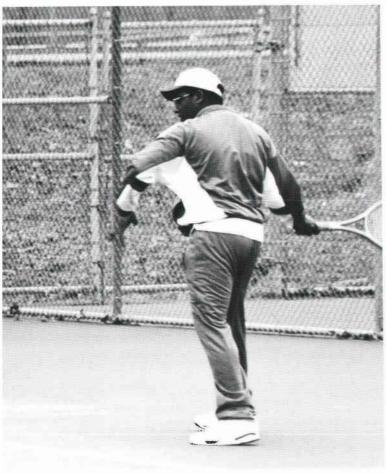


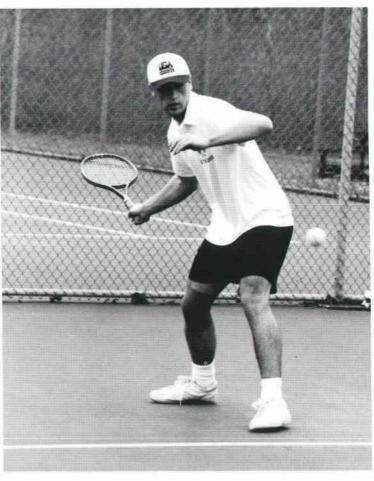
Name
Naveen Balasubramanyam
Bruno Barbera
Joe Gonzalez
Tony Lu
Ken Maget
Larry Michel
Jovan Milosavljevic
Remo Moomiaie
Kieth Neuhs
Dejan Novakovic
John Spyropoulos
David Zeaman
Head Coach: Tony McMullen

Date	Opponent	Result
3/29	<i>Hunter</i>	9-0
3/31	at Queens College	3-6
4/13	Dowling	8-1
4/17	at College of Staten Island	8-1
4/19	at SUNY Purchase	9-0
4/20	Adelphi	8-0
4/23	Hofstra	5-4
4/25	Manhattanville	9-0
4/27	Old Westbury	8-0
4/29	Kings Point	9-0
4/29	Mercy ecord: 10-1	9-0









#### WOMENS TRACK AND FIELD



#### Name:

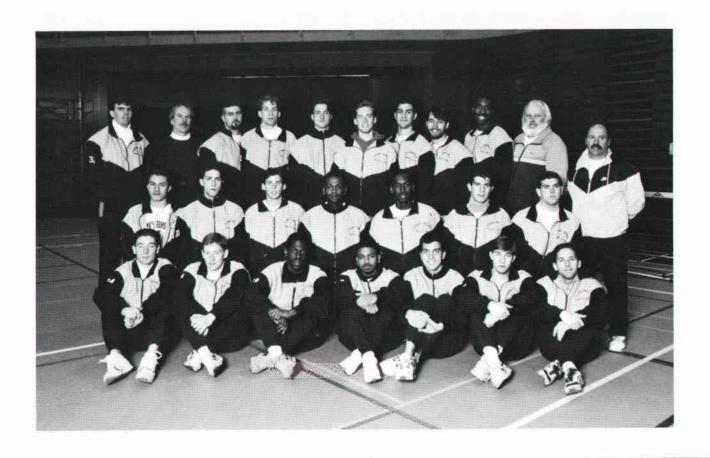
Cheyenne Andrews
Julie Bonura
Mary Bosse
Rokhaya Cisse
Shane Cook
Carey Cunningham
Kristen Dempsey
Molly Doherty
Grace Evola
Elisa Falabella
Marissa Forsing
Nicole Hafemeister
Barbara Hair
Lalena Heske
Delia Hopkins
Shanthie Koshy
Heather Lewis

Dawn McDermott
Erin McEvoy
Danielle Modica
Connie Morawski
Michelle O'Conner
Melissa Pinto
Claudia Puswald
Renata Rietveld
Luci Rosalia
Dara Stewart
Kelly Trick
Loretta Varbero
Tricia Waring
Jennifer Willson

Head Coach: Steve Borbet Asst Coaches: Nick Cifuni, Bill Sholly, Rob Rothwell

1/30 2/5 2/7 2/13 2/20	Event STONY BROOK CLASSIC CTC Relays Yale Invitational TRENTON, STOCKTON, NYU, MONMOUTH, WAGNER Terrier Classic Millrose Games PAC CHAMPIONSHIPS Wesleyan Invite CTC Championships
2/21 2/21 2/26 2/27 3/6 3/12 3/13	CTC Championships Senior Mets NYSWCAA Championships Seton Hall Invite ECAC Championships NCAA Championships NCAA Championships

#### MENS TRACK AND FIELD



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Eryck Avila
Mark Barber
Robert Bonn
Jerry Canada
Leon Chao
Jason Clark
Ainsworth Farrell
Thomas Gilbride
Roger Gill
Ken Graham
John Grossfeld
Don Johnston
Neal Levy
John Lyons
Rory Manning
Wayne Mattadeen
Nick Mequia
Courtney O'Mealley
Chris Paul

Michael Peterson John Pikramenos Yariv Pomeranz Patrick Riegger Victor Rugg Scott Scheffer Brent Spinieo Paul Thorn Dan Tupaj Pierre Uy-Barreta Jeff Vitale M'Tchaka Warren Matt Wicks

Head Coach: Steve Borbet Assistant Coaches: Nick Cifuni, Bill Sholly, Rob Rothwell

Date	Event
12/5	STONY BROOK CLASSIC
12/13 1/9	CTC Relays Coast Guard and MIT
1/9 1/16	Yale Invitational
1/23	TRENTON, STOCKTON, NYU,
1/23	MONMOUTH, WAGNER
1/30	Terrier Classic
2/5	Millrose Games
2/7	PAC CHAMPIONSHIPS
2/13	Wesleyan Invite
2/20	CTC Championships
2/21	CTC Championships
2/21	Senior Mets
2/27	Seton Hall Invite
3/6	ECAC Championships
3/12	NCAA Championships
3/13	NCAA Championships

# Volleyball



No.	Name
1	Denise Rehor
3	Kelly Grodotzke (C)
4	Kristin Smith
5	Stasia Nikas (C)
5 7 9	Sheri Montegari
	Cristina Salak
10	Jean Marie Giordano
11	Sara Helmer
12	Maura Gormley
13	Jill Pessoni
15	Janna Kuhner
Head C	Coach: Teri Tiso
	nt: Kimberly Taylor

Opponent	Score	Brockport	3-
Molloy	3-0	Hunter	3-
Trinity (TX)	3-1	Gettysburg	3-
Washington Univ	0-3	Waynesburg	2-
Thomas More (KY)	3-0	Eastern Connecticut	2-
Ohio Northern	3-1	Cortland State	2-
Queens	3-0	Bates	2-
Hunter	3-0	Fordham	3-
Eastern Connecticut	3-0	Western Connecticut	3.
Wesleyan	3-0	Upsala	3.
Hunter	3-0	*Potsdam	2-
Albany	3-0	*St. John Fisher	2-
Eastern Connecticut	3-0	*Elmira	2.
Hunter	3-0	*Oswego	2-
Southampton	3-0	*Brockport	2.
Manhattanville	3-0	*R.I.T.	2-
Kean	3-0	*R.I.T.	3.
NYU	3-0	*Juniata	3.
Brockport	3-0	*UC San Diego	2-
Juniata	0-3	*Calvin (MI)	3.
Mercyhurst	3-0	Finished 3rd in Nation	
R.I.T.	2-3	*Denotes Playoff Games	

### ATHLETIC TRAINERS



Bottom Row: Kate Davis, Filiz Demirci, Will Mullen, Jeff Bernstein, Bonnie Fischer Middle Row: Aimee Brunelle, Karen Adams, Cathy Murphy, Angelo Iannitti, Theresa Fuentes, Kertty Estevez, Mike Scerbo Top Row: Jen Appold, Christina Cuggino, Ed Havel, Mike Curatolo, Justin Bonacci

#### Not In Picture:

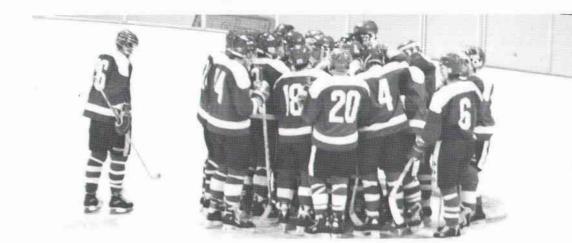
Kathy Koshansky, Head Athletic Trainer Stu Levine, Assistant Athletic Trainer Colleen McGowan Sue Scheer





# Hockey





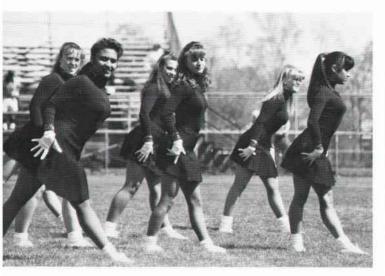




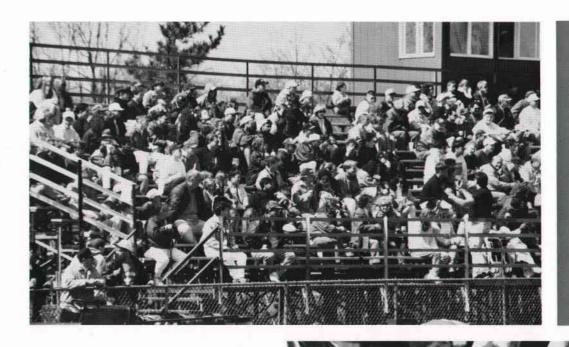
## Kickline



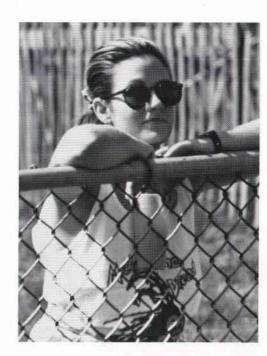








STONY BROOK PRIDE







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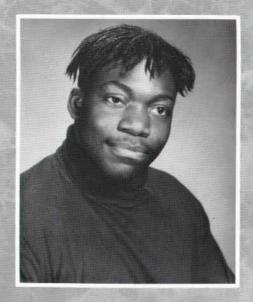
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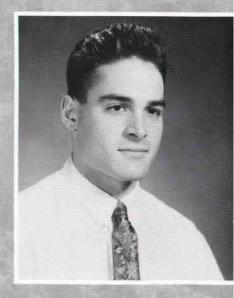
M



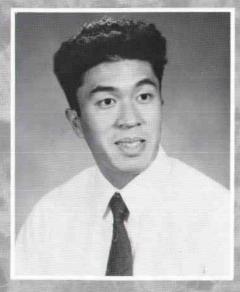
Wendy Abraham



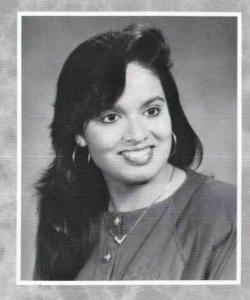
**Lemuel Adams** 



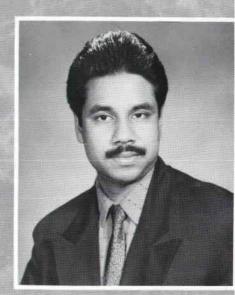
David Adin



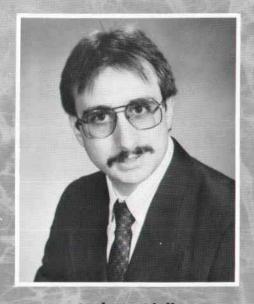
Allan Adriano



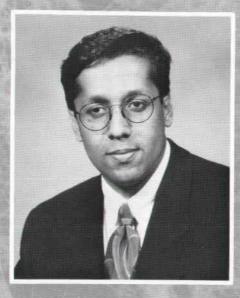
**Bushra Afzal** 



**Ashfaq Ahmed** 



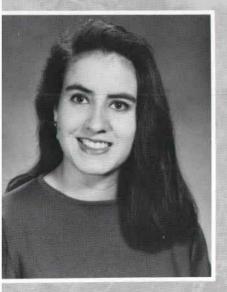
**Andrew Aiello** 



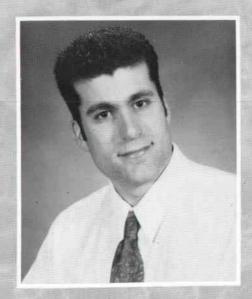
Sterling Alexander



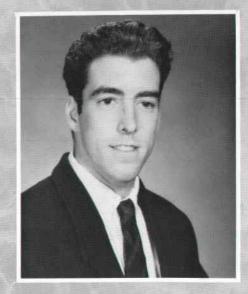
**Udelgarde Alexandre** 



Claudia Alfaro



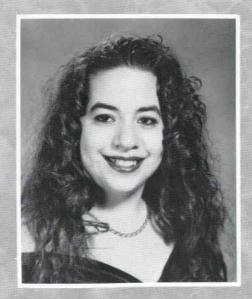
Richard Alfieri



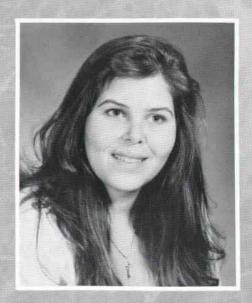
**Matthew Alicanti** 



**Brenda Alleyne** 



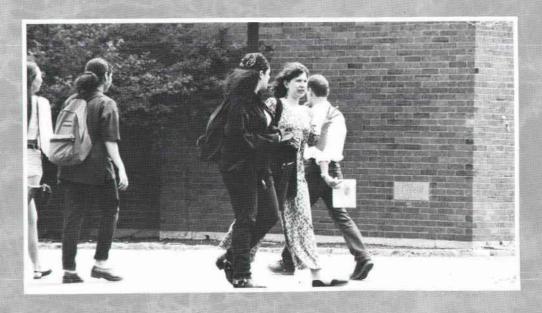
June Arce



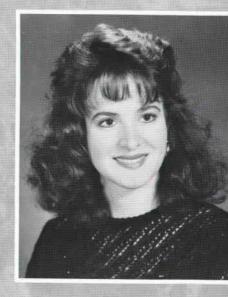
Jane Althoff



Angela Alvey







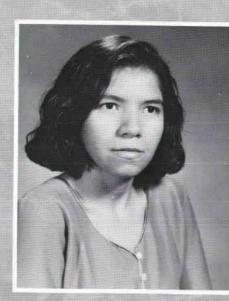
**Elaine Amato** 



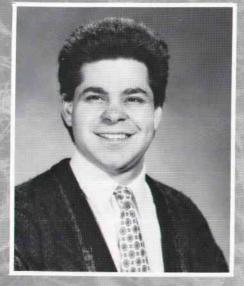
Laura Amato



Gladys Amezquita



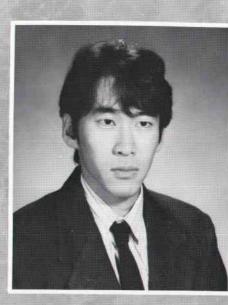
**Leslie Anderson** 



Peter Andolfi



**Eugenia Antonino** 



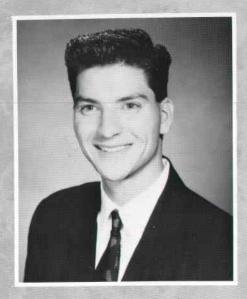
Shigeyuki Arai



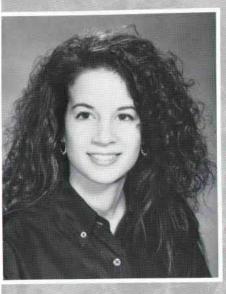
Ann Argentieri



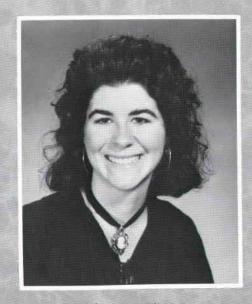
**Renee Armour** 



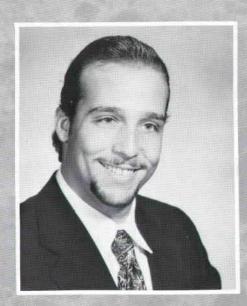
Stephen Augeri



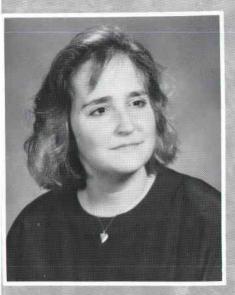
Bernadette Aulivola



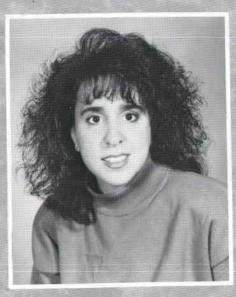
**Darlene Avisata** 



**Keith Babich** 



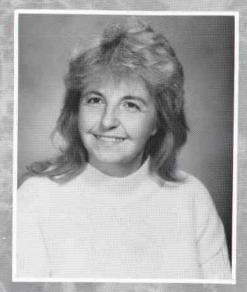
Elizabeth Backer



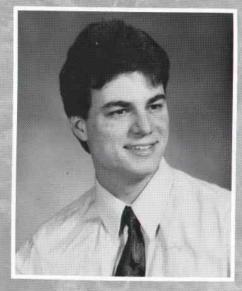
Deanna Baez



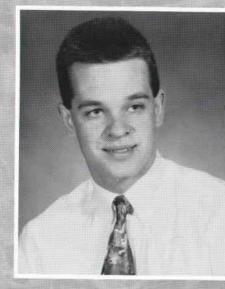
Victoria Baglivio



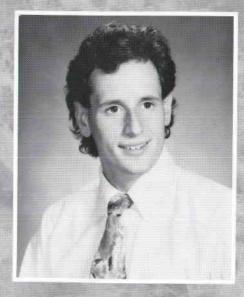
Frances Bald



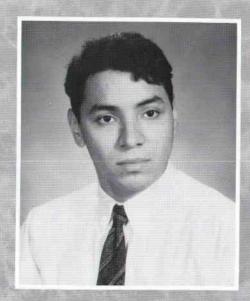
Michael Bane



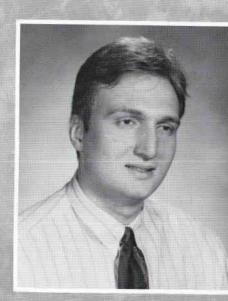
Scott Banker



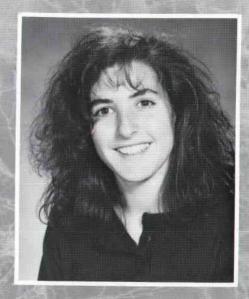
Scott Barabash



Danny Barchi



Alexander Barkan



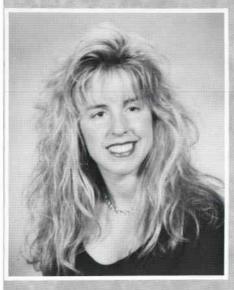
Diane Barry



Johnna Basmagy



Nora Battat



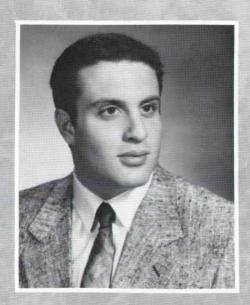
**Kelley Behnken** 



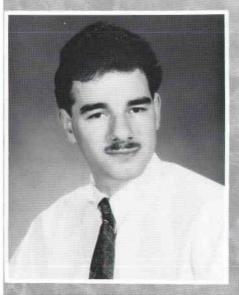
Laura Bell



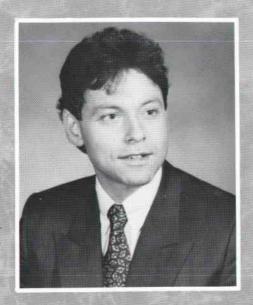
Elba Bello



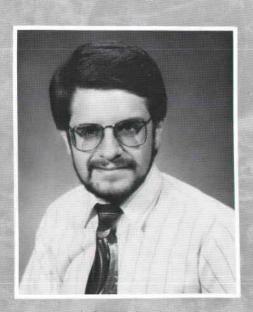
Raphael Benary



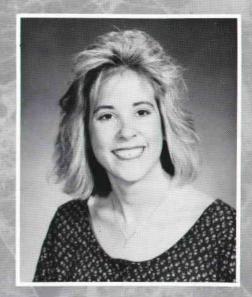
Joseph Berardo



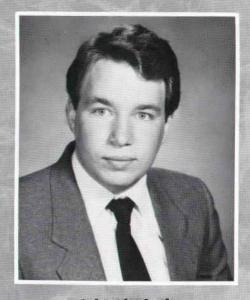
Matthew Bernstein



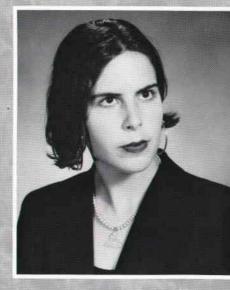
John Bertuzzi



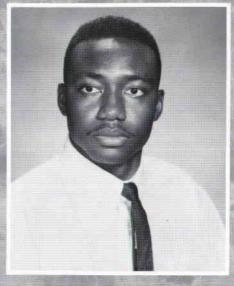
Tricia Biglin



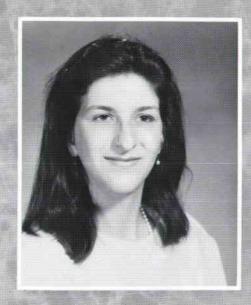
Richard Black



Melanie Blaikie



Mark Blake



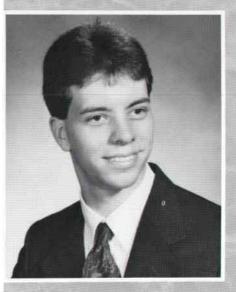
Charlotte Blanc



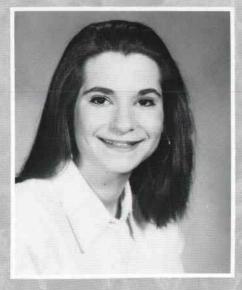
Natacha Blanchet



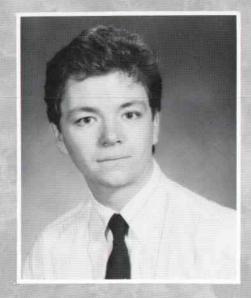
Ricardo Blanco



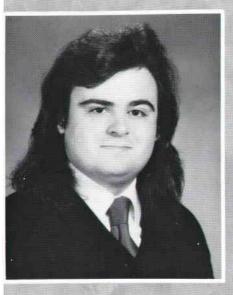
Glenn Bland



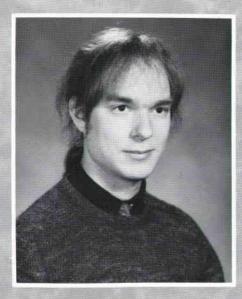
**April Blanshaft** 



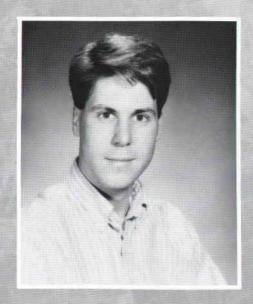
**Kevin Blemel** 



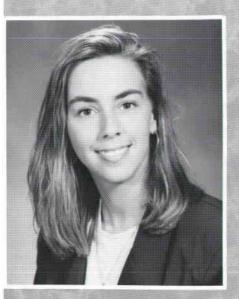
**Charles Blevins** 



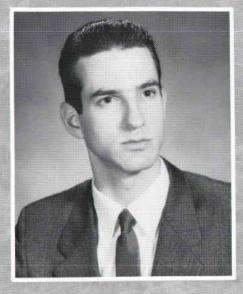
Jeffrey Block



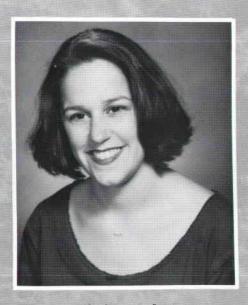
James Bluvas



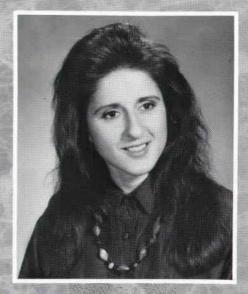
Lynn Bodemer



John Boklak



Kristina Bolson



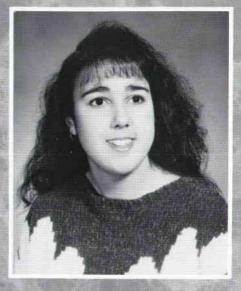
Marcie Bonfe



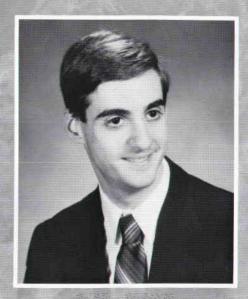
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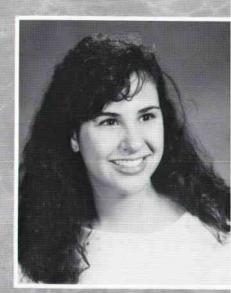
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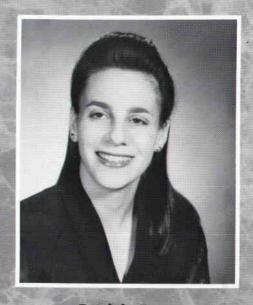
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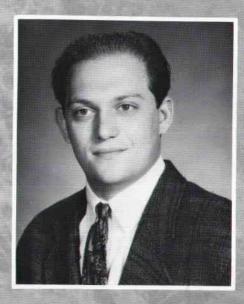
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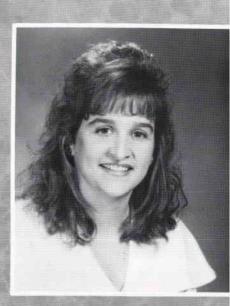
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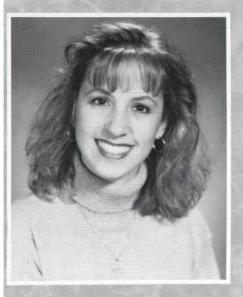
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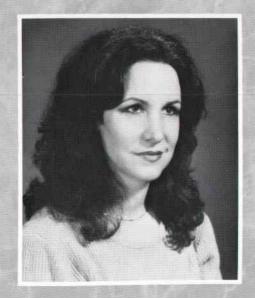
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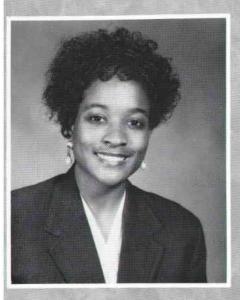
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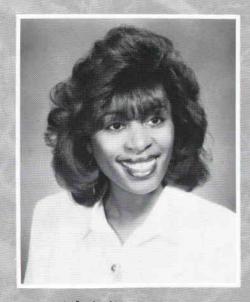
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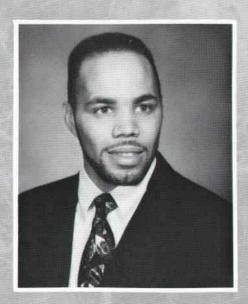
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Lynwana Brinkley



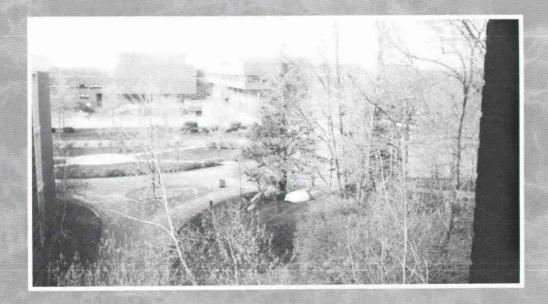
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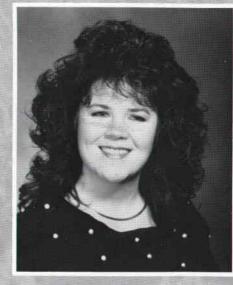
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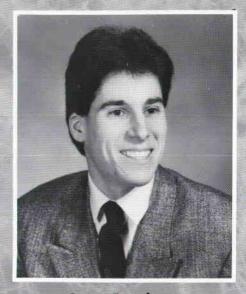
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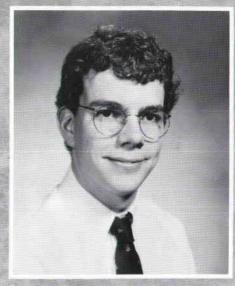




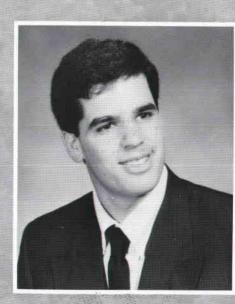
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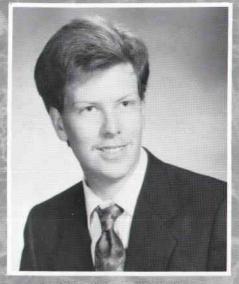
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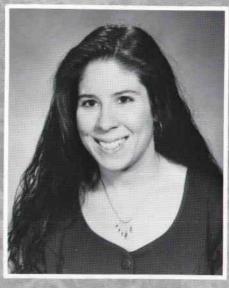
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Thomas Cafaro



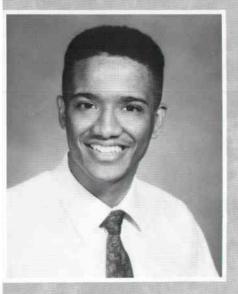
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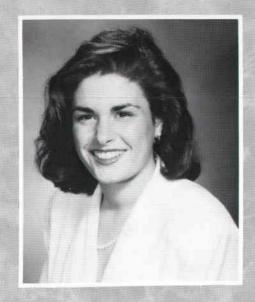
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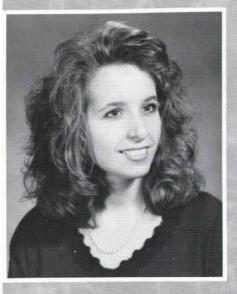
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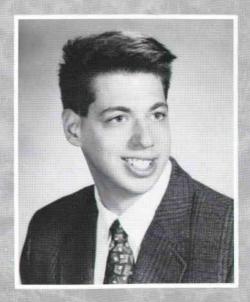
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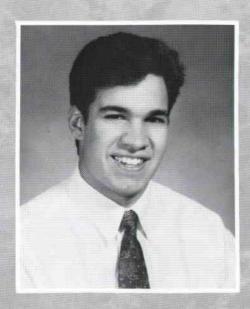
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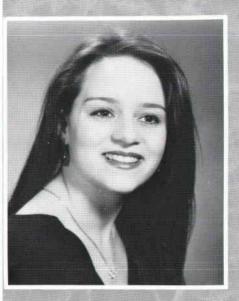
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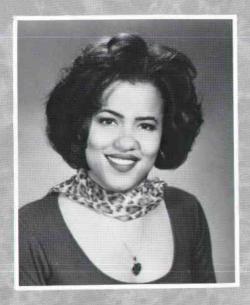
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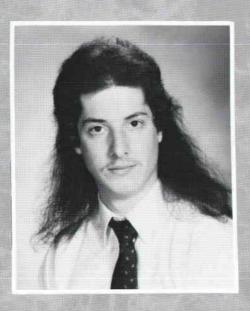
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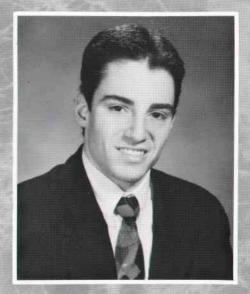
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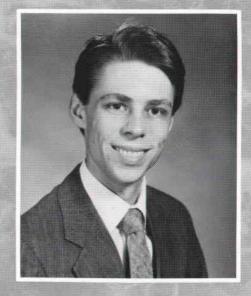
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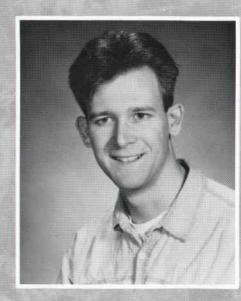
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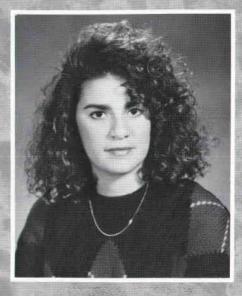
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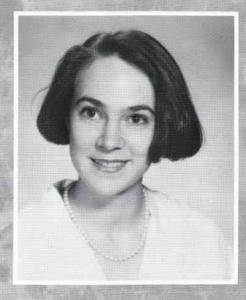
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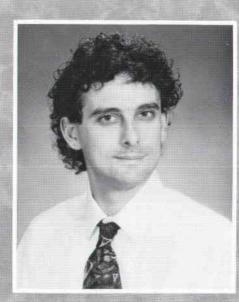
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Chrisine Casertano



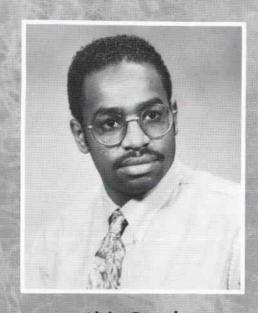
Sarah Cassetta



**Amram Castiel** 



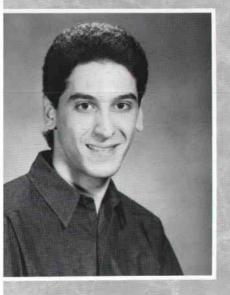
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Alvin Cepeda



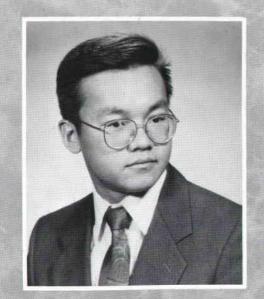
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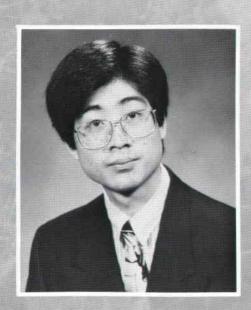
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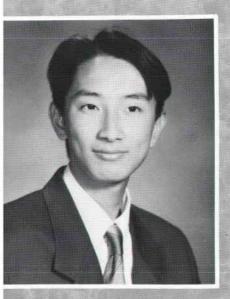
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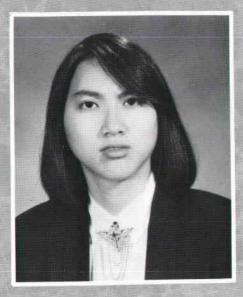
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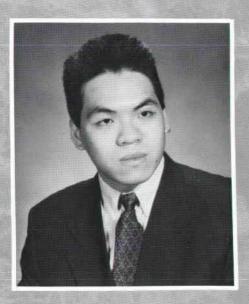
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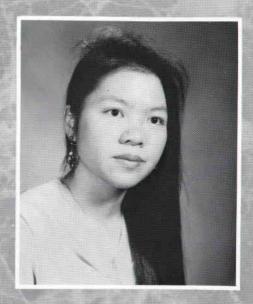
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Sharon Chan



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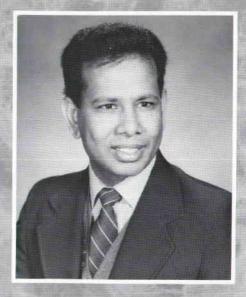
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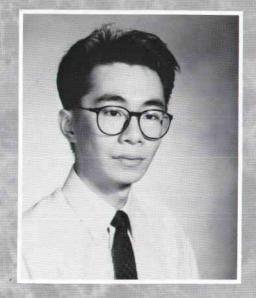
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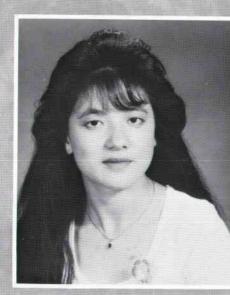
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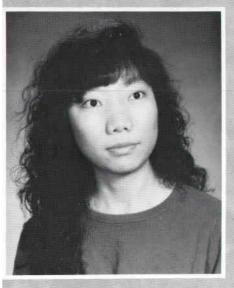
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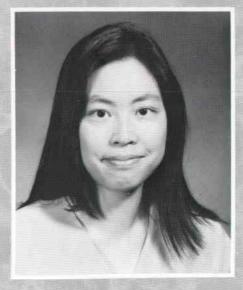
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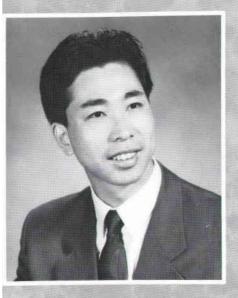
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**Katherine Chen** 



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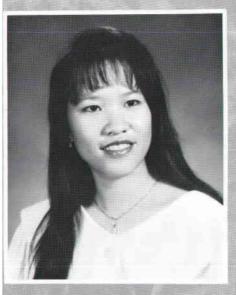
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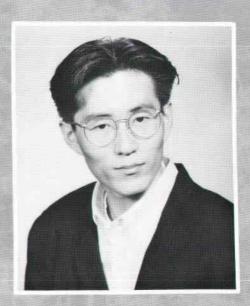
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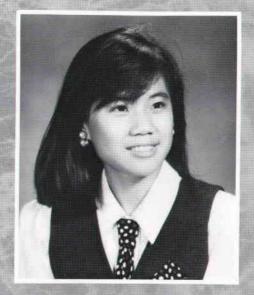
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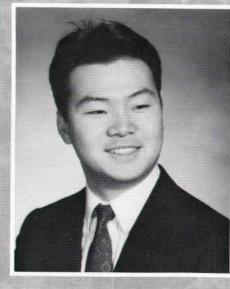
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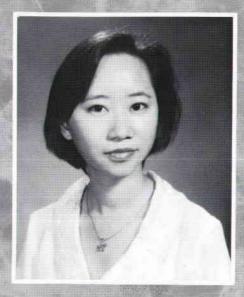
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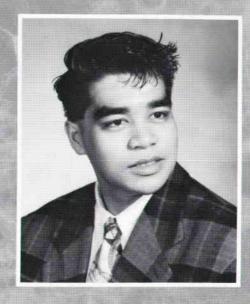
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**David Chung** 



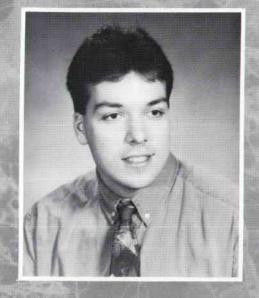
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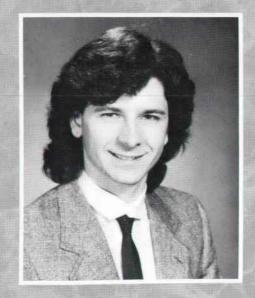
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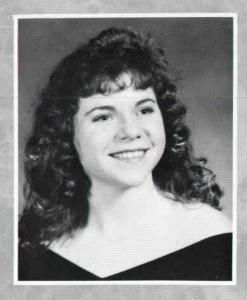
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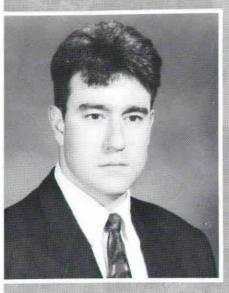
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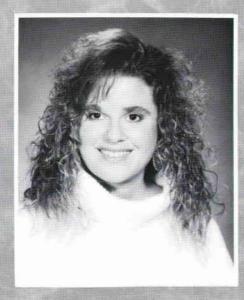
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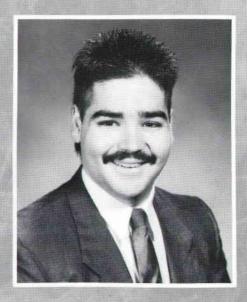
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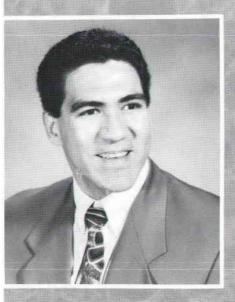
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Leslie Cohen



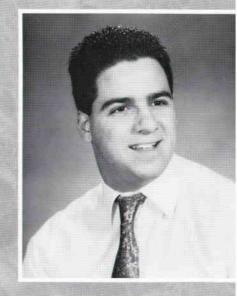
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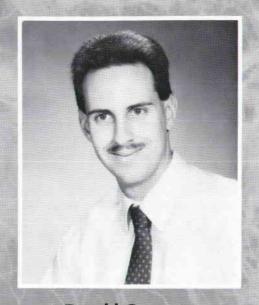
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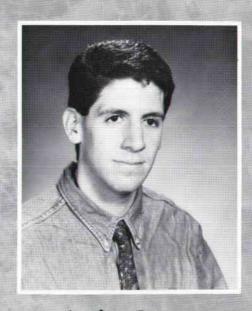




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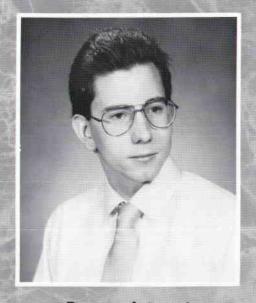
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Stephen Coogan



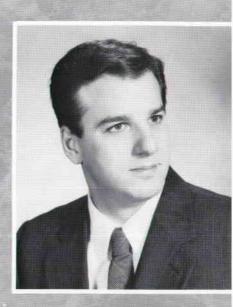
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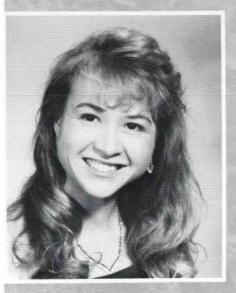
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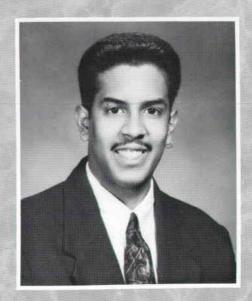
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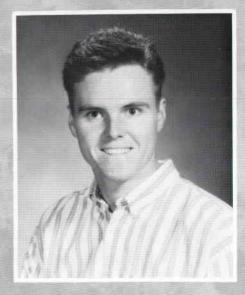
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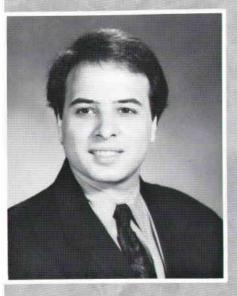
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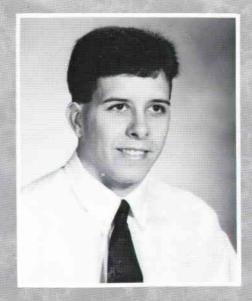
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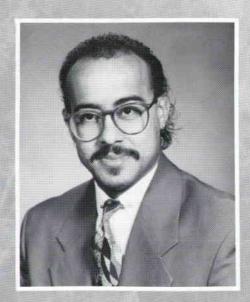
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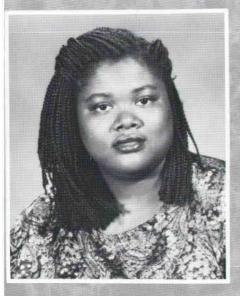
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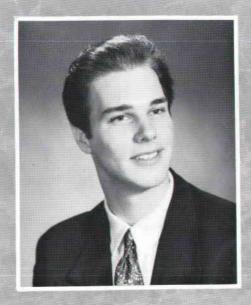
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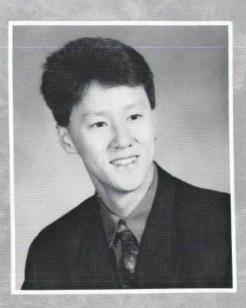
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Merle Cuthrell



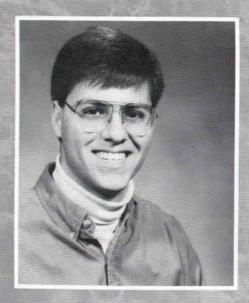
**Carlos Dacuntte** 



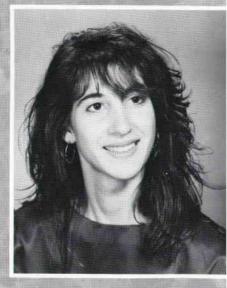
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Samantha Dalloo



**Carl Damato** 



Maria Damato



Lori Ann Danko



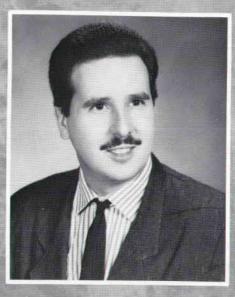
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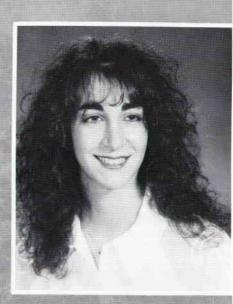
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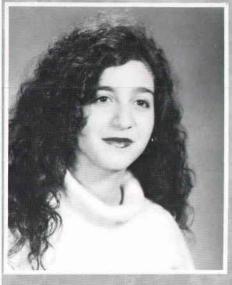
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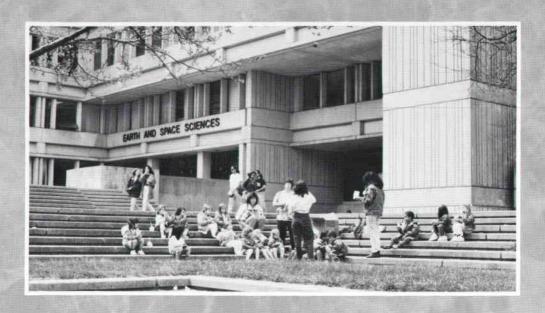
**Richard Degregory** 

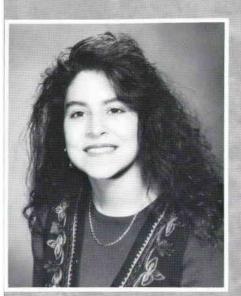


Carolyn Delisio



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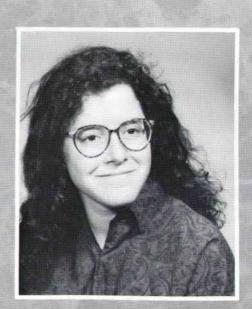




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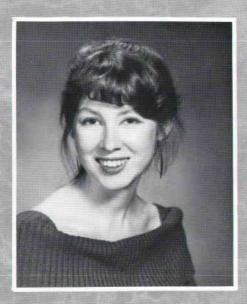
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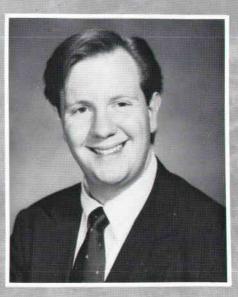
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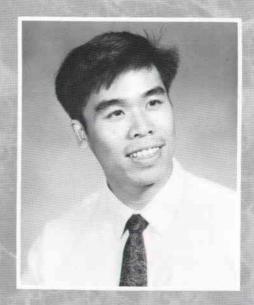
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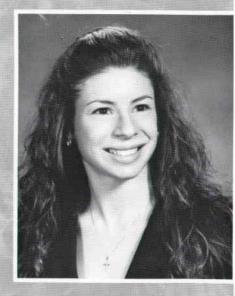
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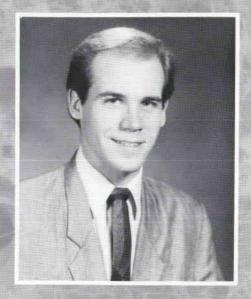
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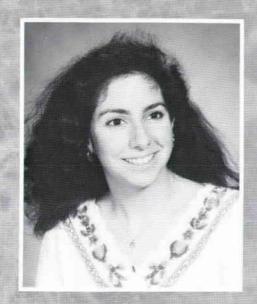
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Traci Dolinsky



**Gregory Doyle** 



Regina Dubord

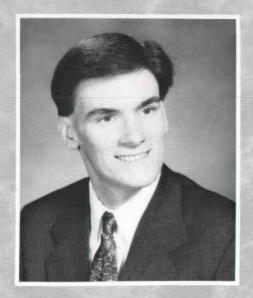


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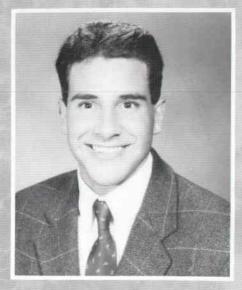




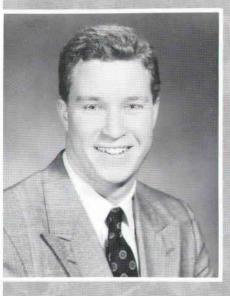
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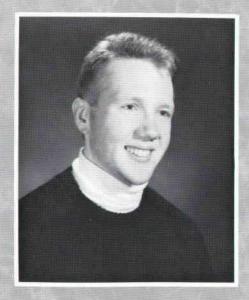
**Damon Dziedzic** 



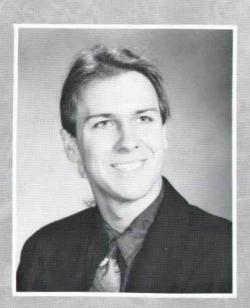
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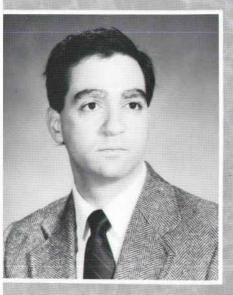
**Stuart Edmonson** 



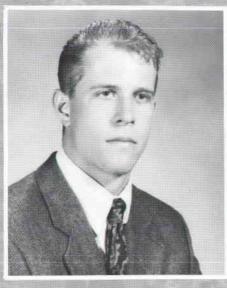
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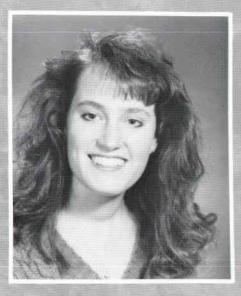
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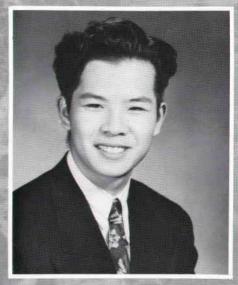
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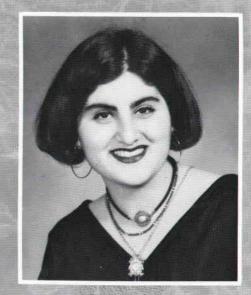
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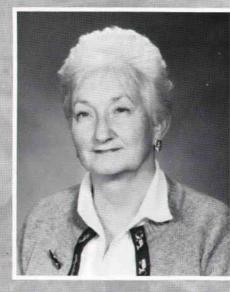
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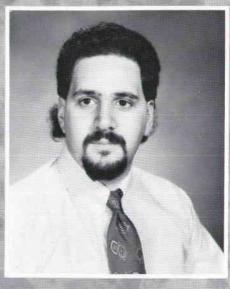
William Eng



Alise Eramian



Elsa Eriksen



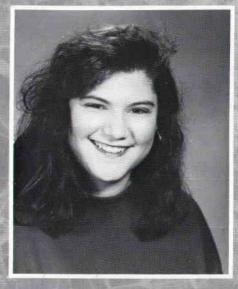
**Vincent Esposito** 



**Maryse Etienne** 



Caren Faerber



Nicole Fagnani



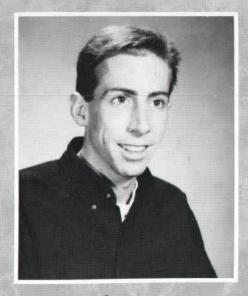
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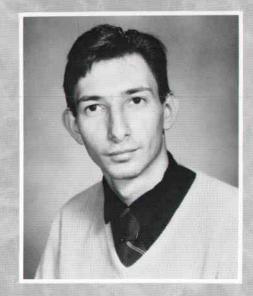
Jennifer Falcon



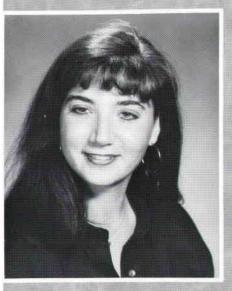
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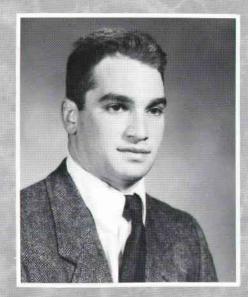
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Joseph Fein



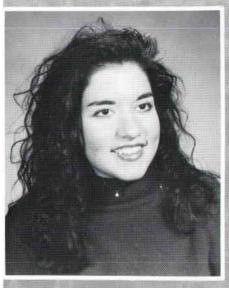
Heidee Feiman



Michael Feinstein



Gelena Feldman



Hillary Feldman





Sue Feleppa



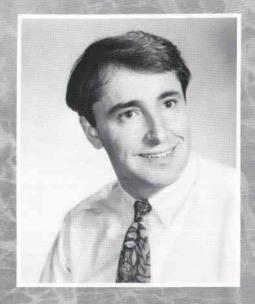
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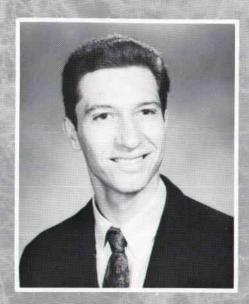
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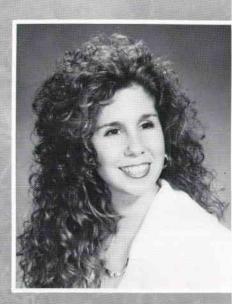
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Carlos Ferreira



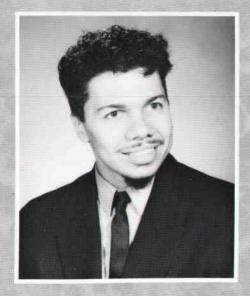
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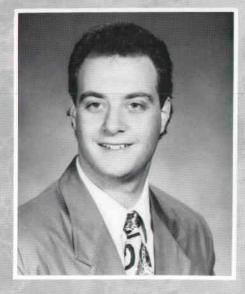
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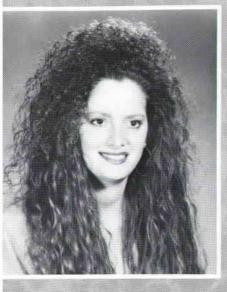
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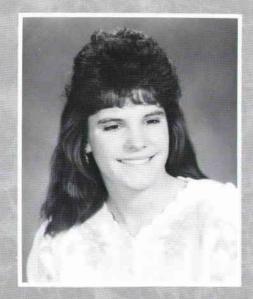
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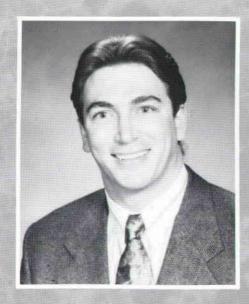
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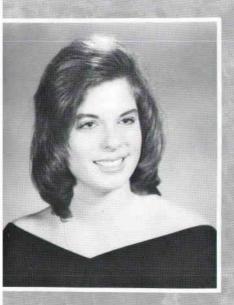
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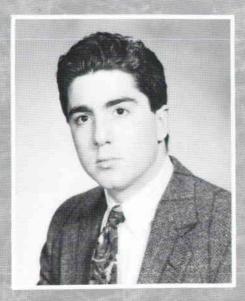
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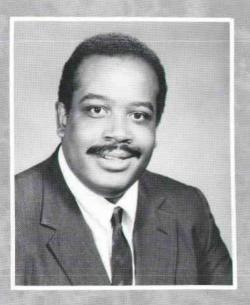
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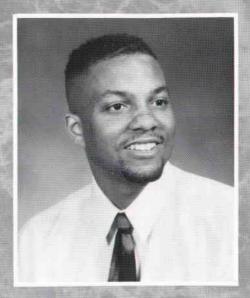
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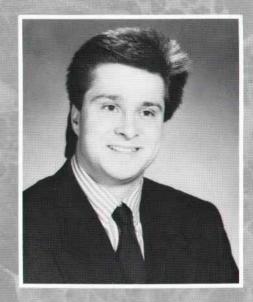
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**Darryl Fountain** 



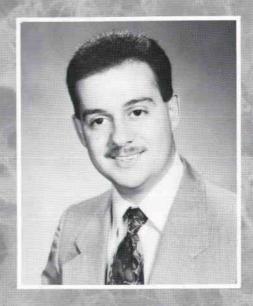
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William Frank



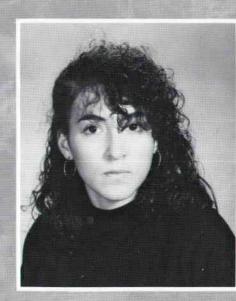
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Pietro Frazzetta



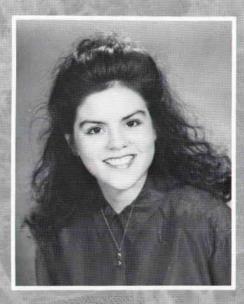
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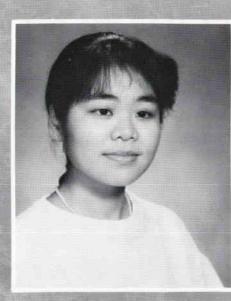
**Sharon Fried** 



**Danielle Fuchs** 



Theresa Fuentes



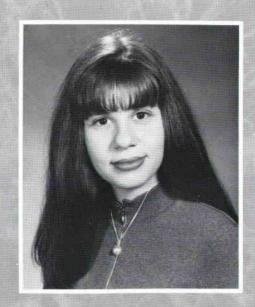
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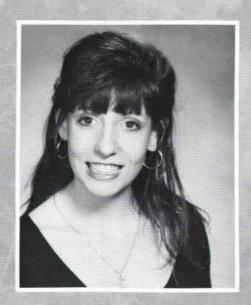
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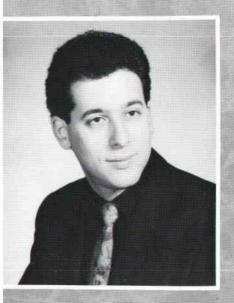
**Courtney Gallagher** 



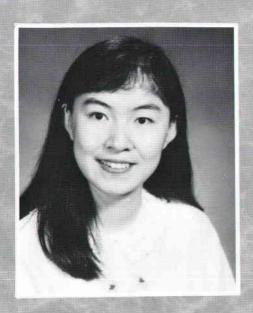
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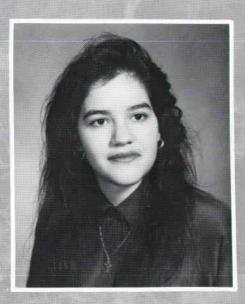
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**Robert Gampert** 



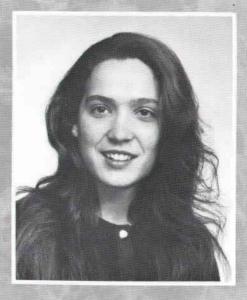
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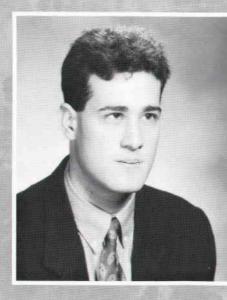
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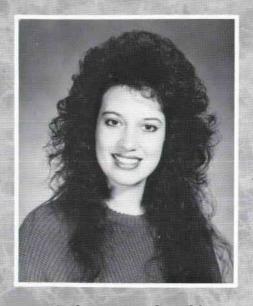
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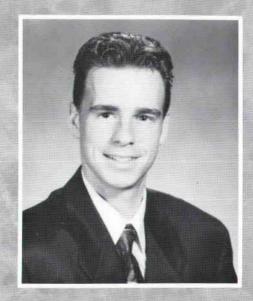
**Annmarie Gaschler** 



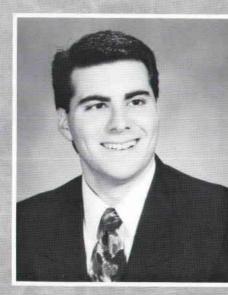
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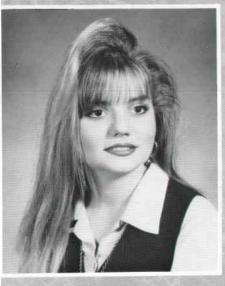
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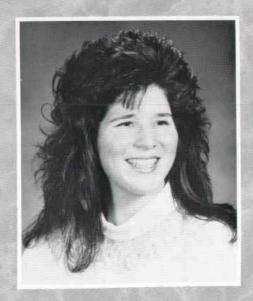
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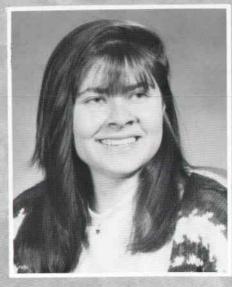
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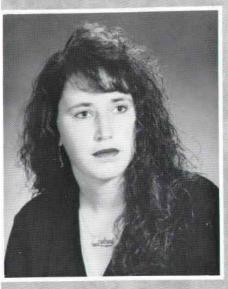
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Elke Glaser



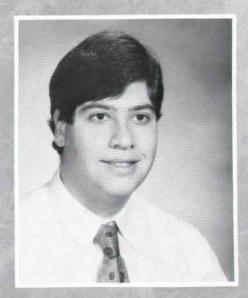
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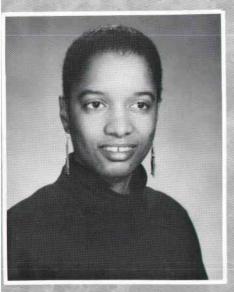
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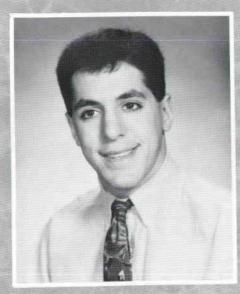
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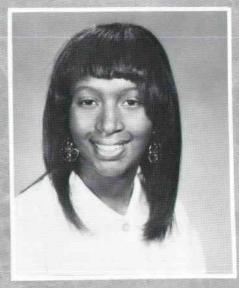
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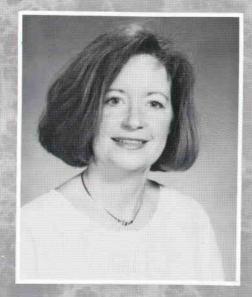
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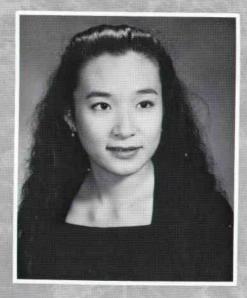
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Tracey-Ann Gordon



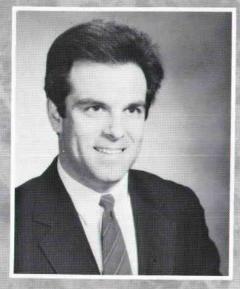
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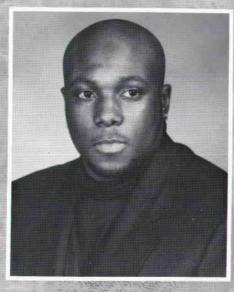
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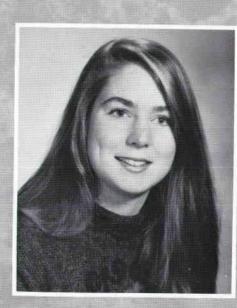
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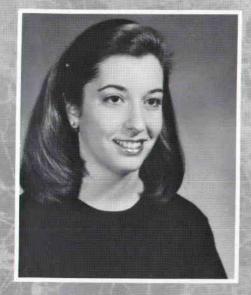
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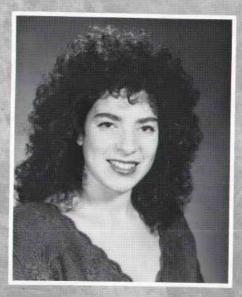
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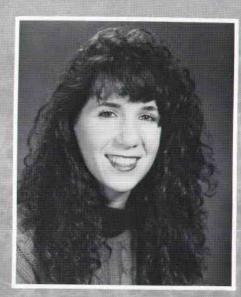
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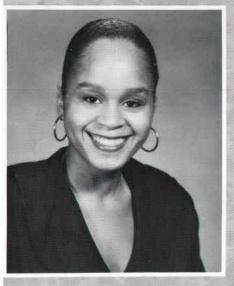
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Lora Greenberg



Perri Greenblatt



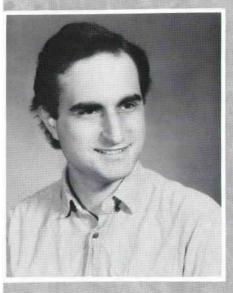
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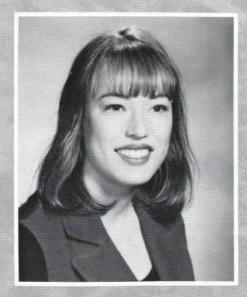
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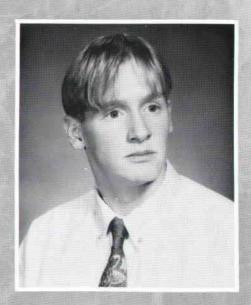
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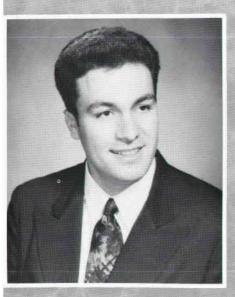
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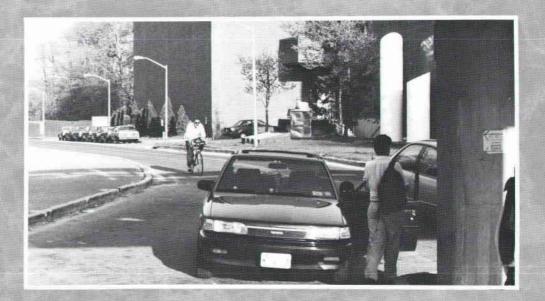
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Michael Griffin

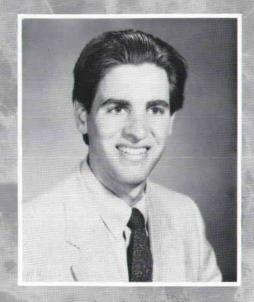


Alexander Grinzayd

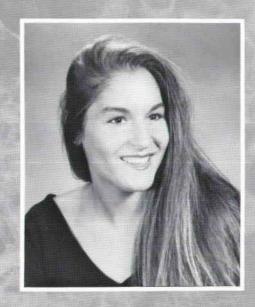




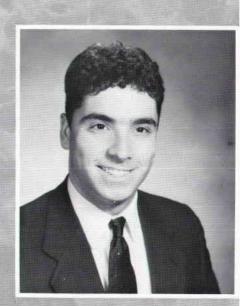
Jennifer Grosflam



John Grossfeld



Filiz Gurcan



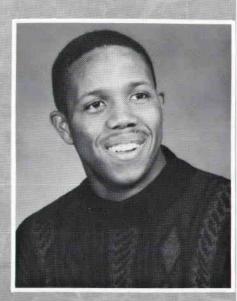
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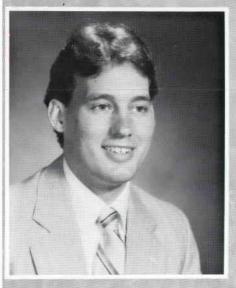
Alice Haddad



Yuka Hagihara



Mark Hall



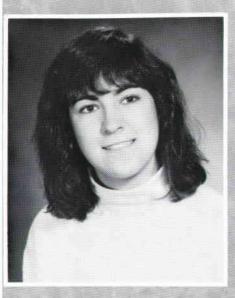
Thomas Halligan



**Ancilla Harding** 



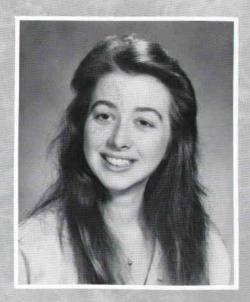
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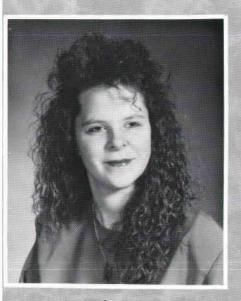
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Yolanda Hart



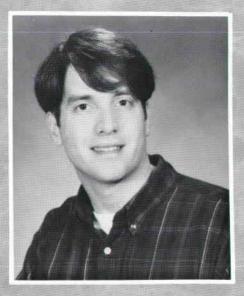
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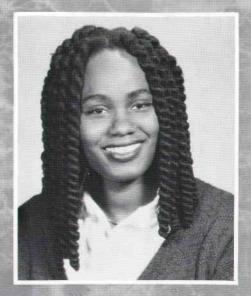
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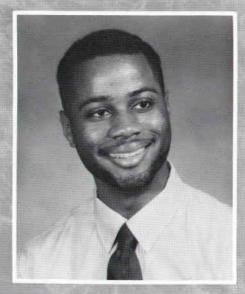
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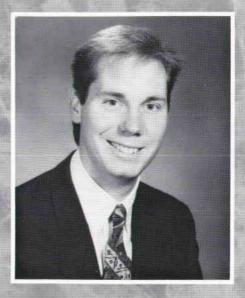
Marie Henrilus



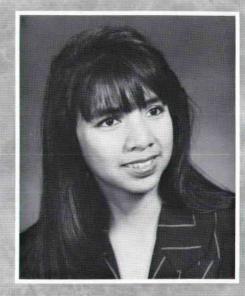
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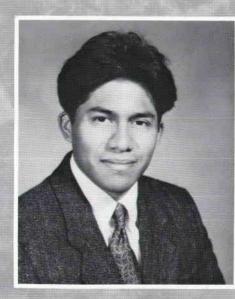
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James Hensley



Sylvania Hernandez



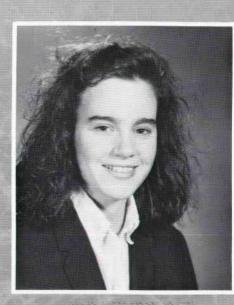
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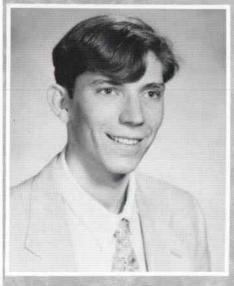
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Nicole Highbaugh

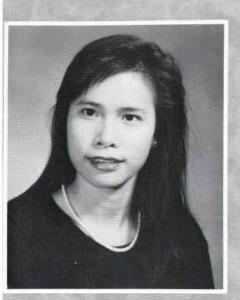


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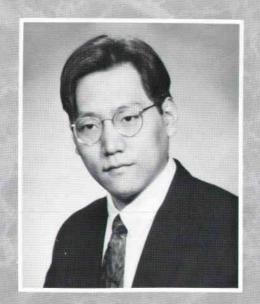


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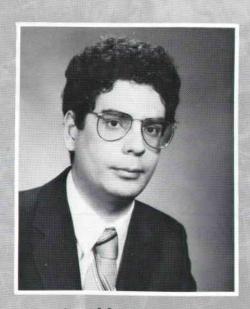




Hang Hong



Max Hong



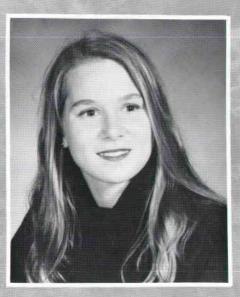
**Arnold Horowitz** 



**Gabrielle Horwitz** 



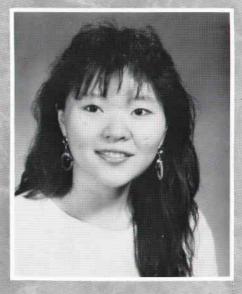
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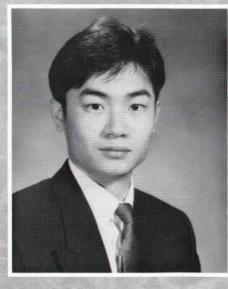
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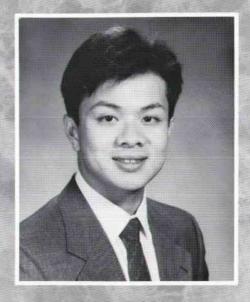
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Ellen Huang



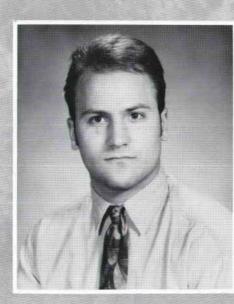
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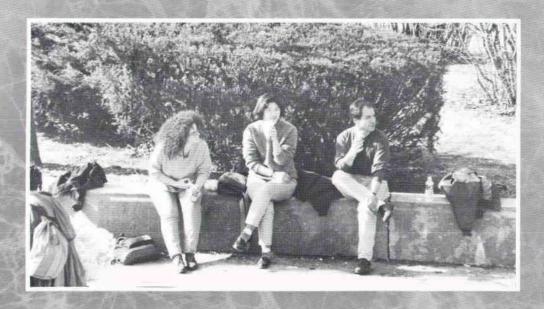
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Patricia Huang



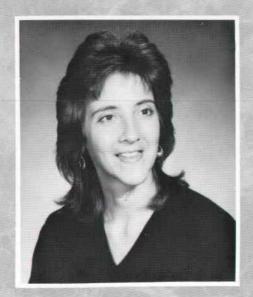
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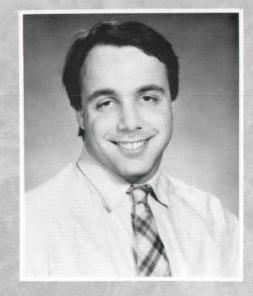




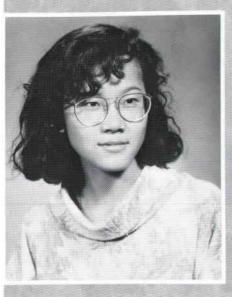
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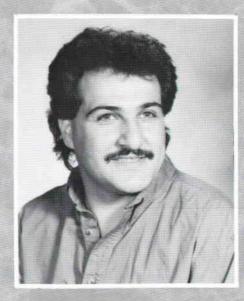
Jean Hurley



**Richard Hurwitz** 



Renee Huynh



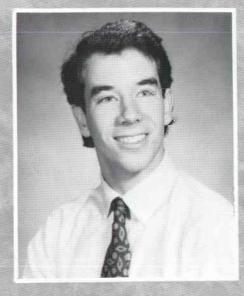
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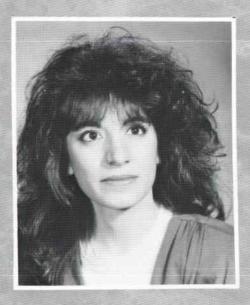
Vivian Ibrahim



Uk Im



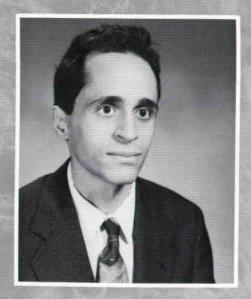
John Insinga



Emma lozzi



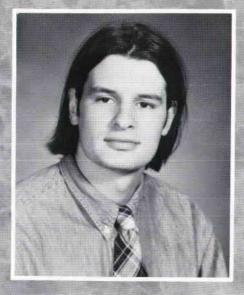
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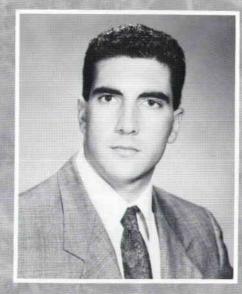
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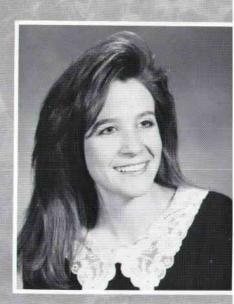
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Ely Izakson



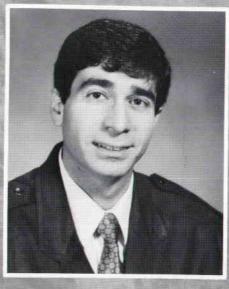
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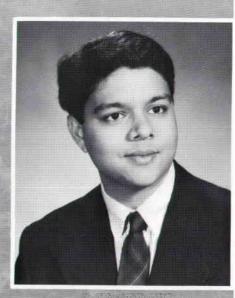
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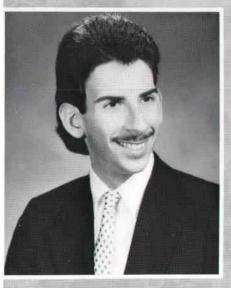
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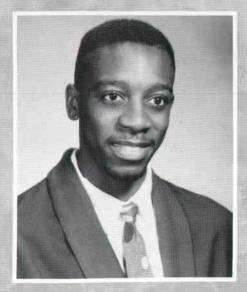
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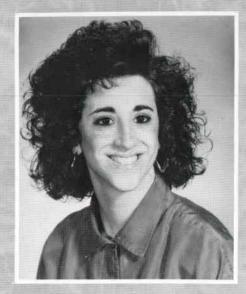
Deepak Jain



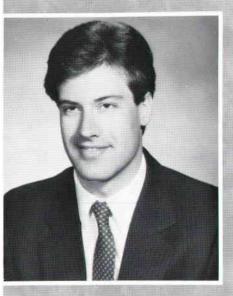
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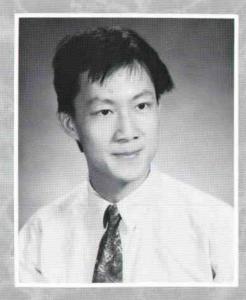
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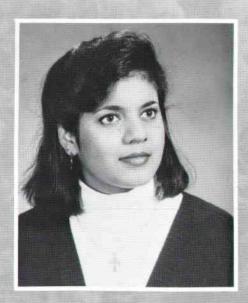
Dana Jefairjian



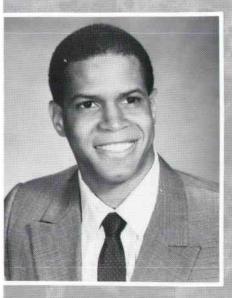
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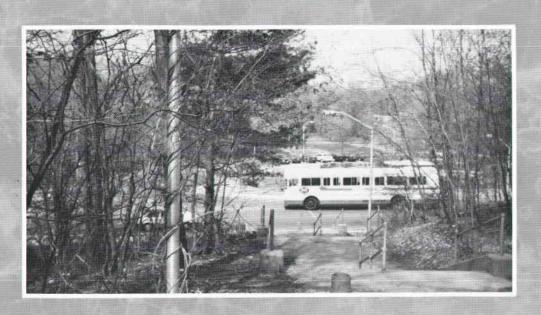
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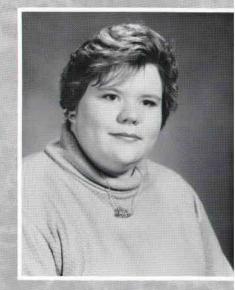
Mary John



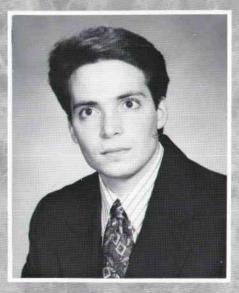
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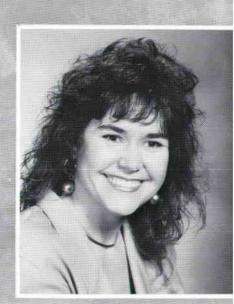
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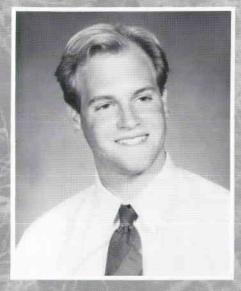
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Vanessa Jolly



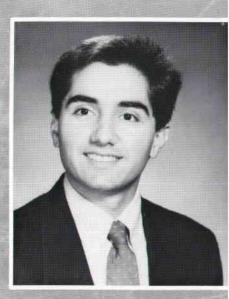
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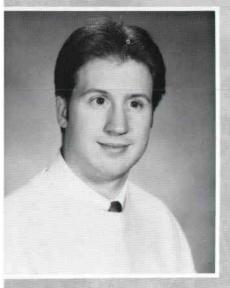
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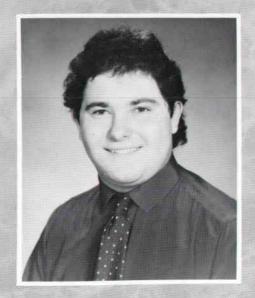
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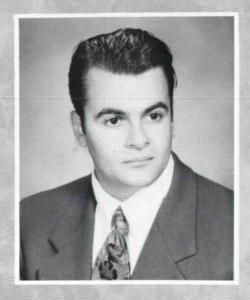
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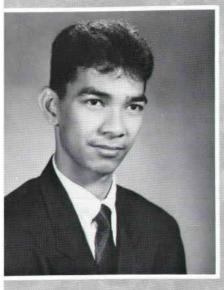
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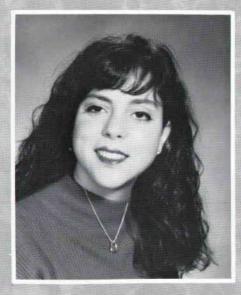
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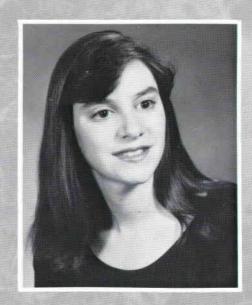
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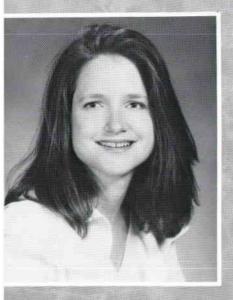
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Stacy Katz



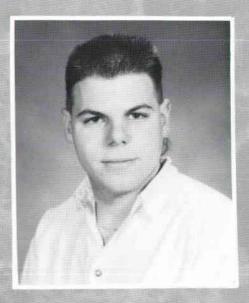
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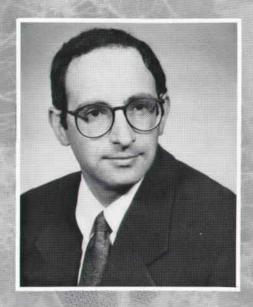
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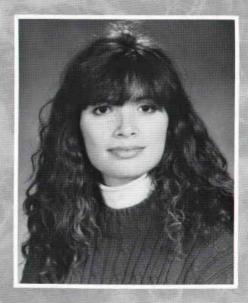
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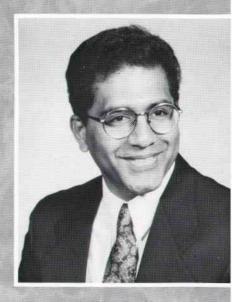
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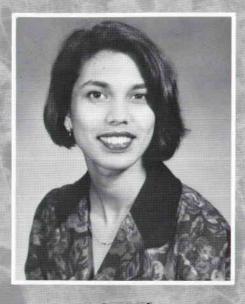
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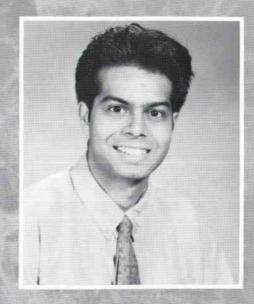
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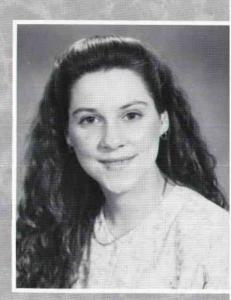
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Mariam Khan



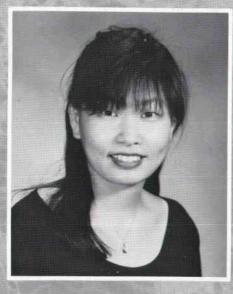
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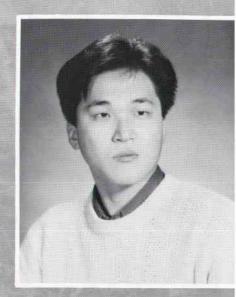
Tara Killeen



**Charles Kim** 



Haikyung Kim

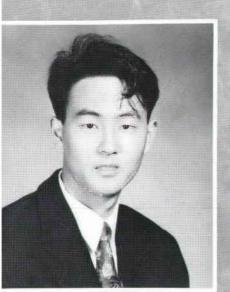


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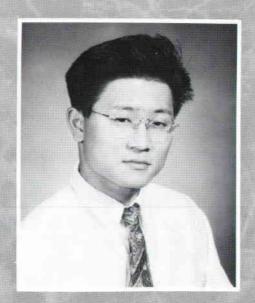


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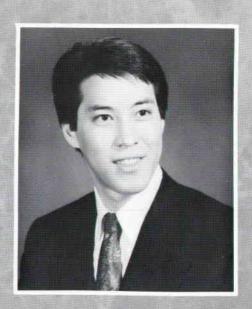




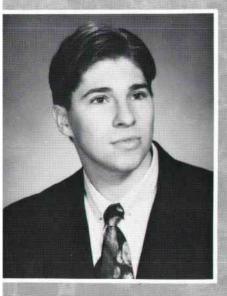
Joseph Kim



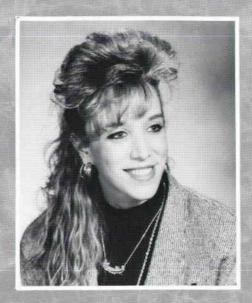
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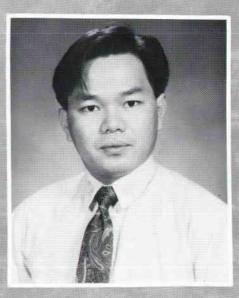
Gary King



**Kevin Kirchner** 



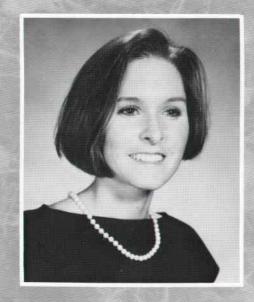
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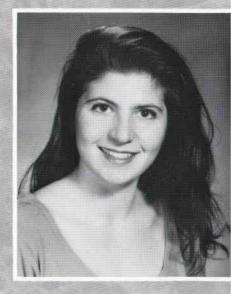
Hin Kong



Karen Konstan



Kristen Korndoefer



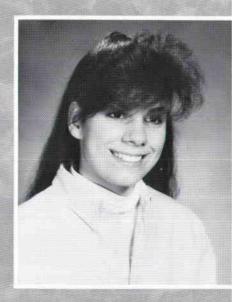
Ajna Kramer



Jennifer Kranz



Chia Ku

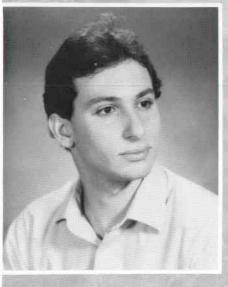


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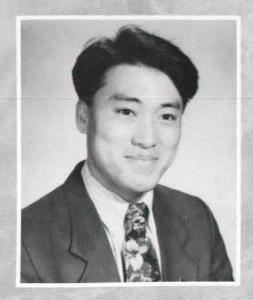


Izumi Kubo

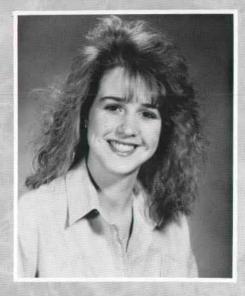




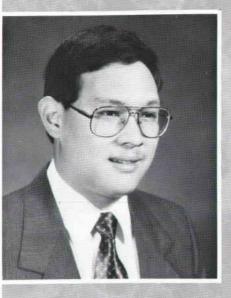
**Bruce Kushakow** 



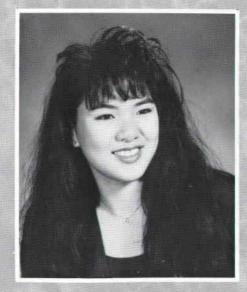
Soon Kwon



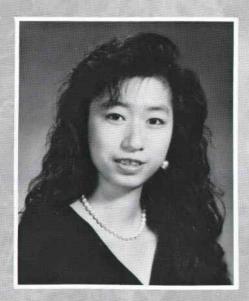
Laura Lagois



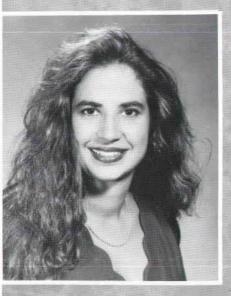
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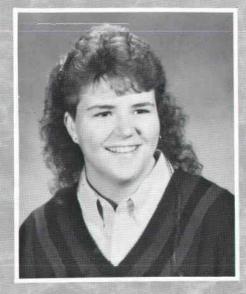
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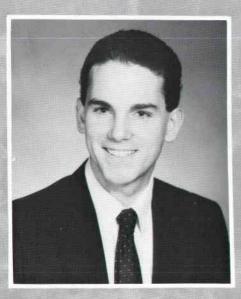
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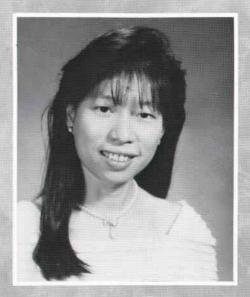
Maria Lamonaca



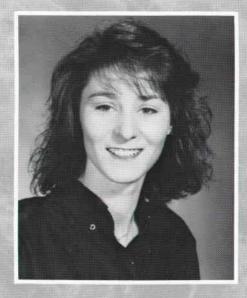
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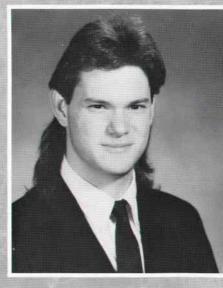
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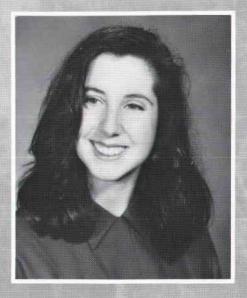
Yim Lau



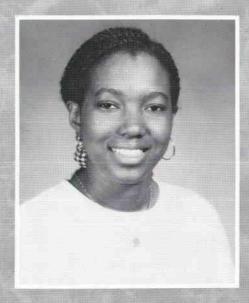
Tara Laurenzano



**David Lauscher** 



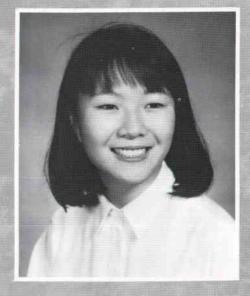
**Heather Lavery** 



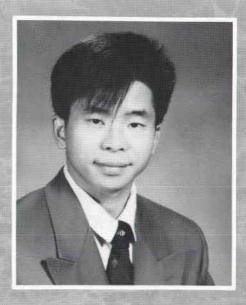
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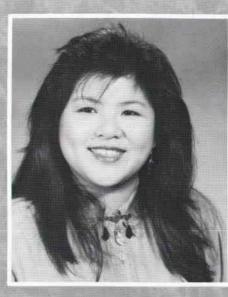
Meredith Lazos



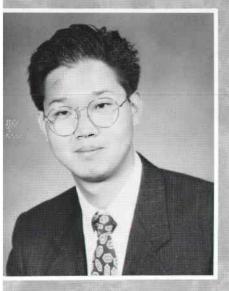
Chau Lee



Chean Chao Lee



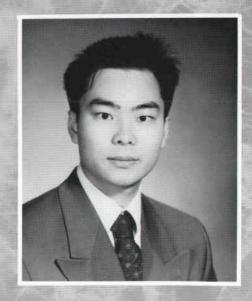
Chieh Linglee



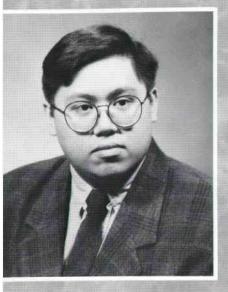
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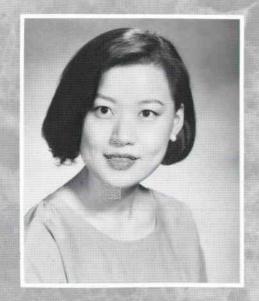
Kit Lee



Ling Fung Lee



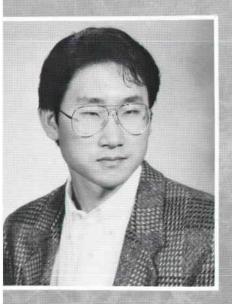
Teddy Lee



Un Lee



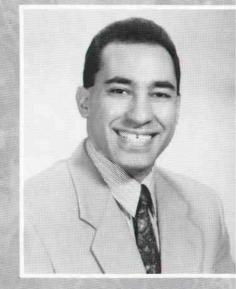
Violet Lee



**Woo Lee** 







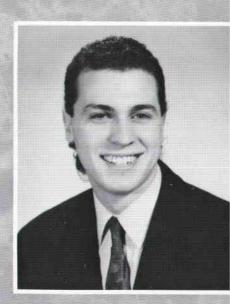
**Douglas Leigh** 



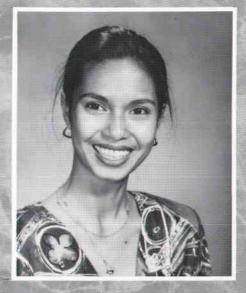
**Doreen Leo-Huneke** 



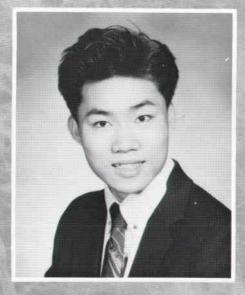
Norma Leon



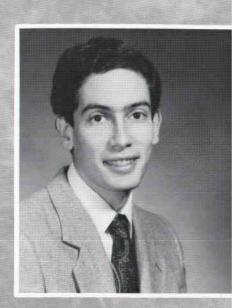
**Gregg Leonardi** 



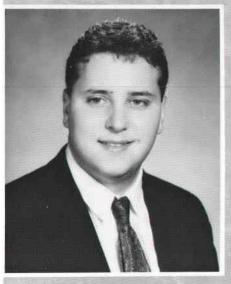
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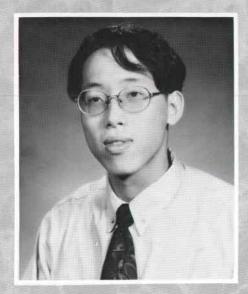
Kenwai Leong



**Kevin Leopold** 



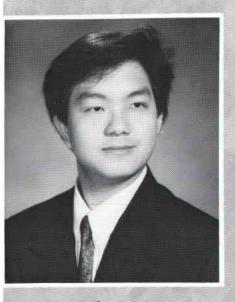
Michael Lepow



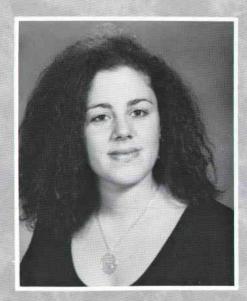
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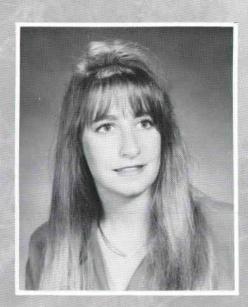
**Kwan Leung** 



Wai Leung



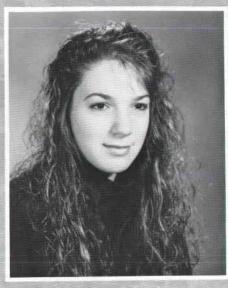
**Robin Leventhal** 



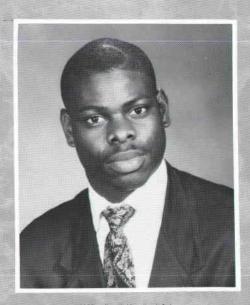
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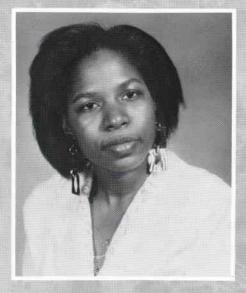
Robyn Levy



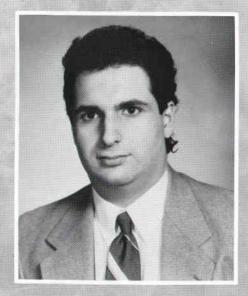
**Carol Lewis** 



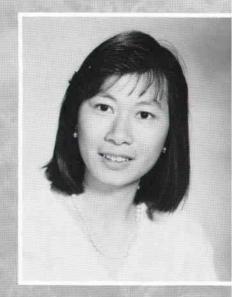
**Dante Lewis** 



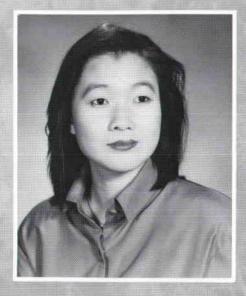
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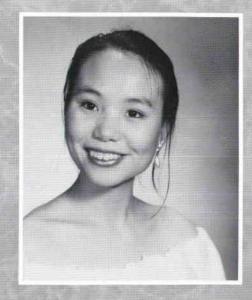
**James Lewis** 



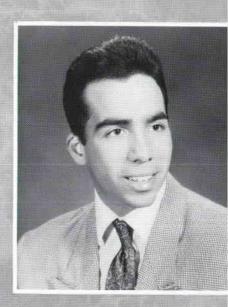
Qiling Li



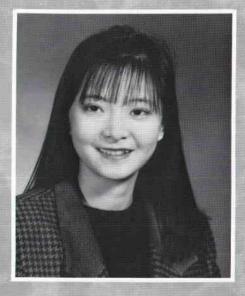
Wen Li



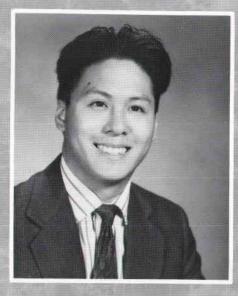
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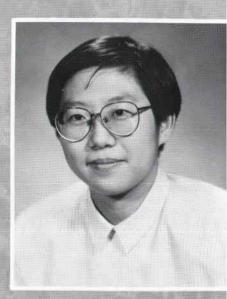
**Barry Liebowitz** 



Chen Lin



Franklin Lin

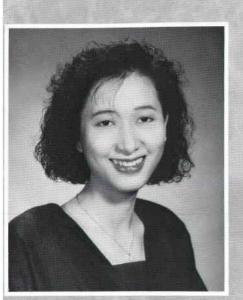


Sarah Lin

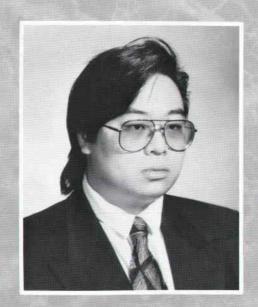


**Sophie Lin** 





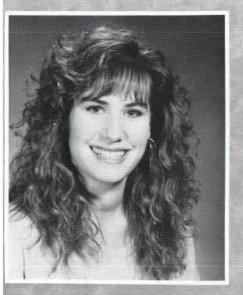
Susie Lin



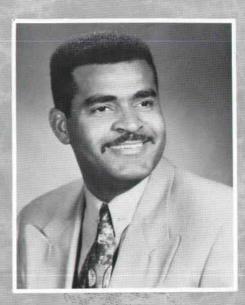
**Vincent Lin** 



Margarette Lindner



**Gayle Locker** 



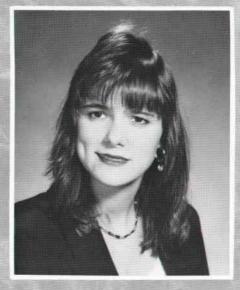
Charles Loiseau



Lisa Loparrino



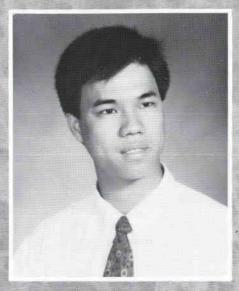
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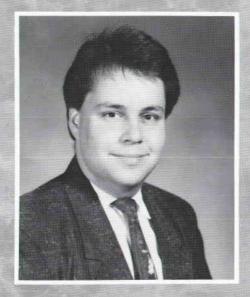
Linda Luby



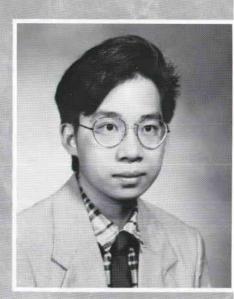
Myrtle Luke



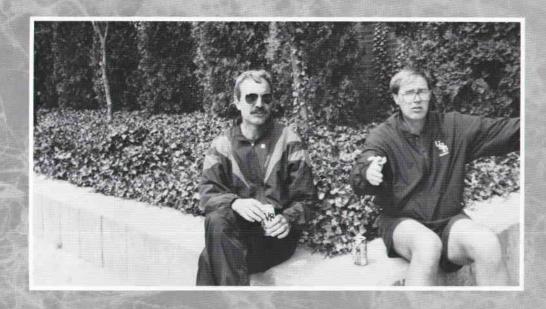
Yu Luo



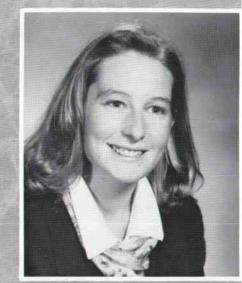
Michael Lydick

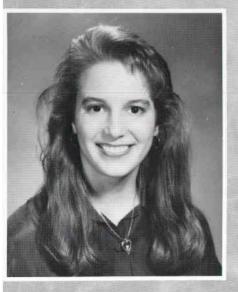


Chun Ma



Jennifer Maccormack





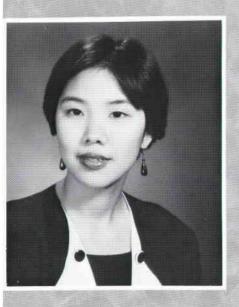
Christina Mach



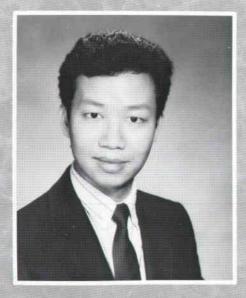
Vanessa Magno



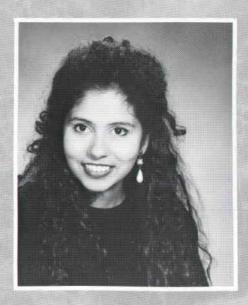
Viola Mahabeer



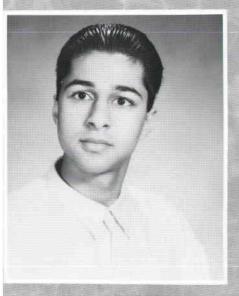
Kai Mai



**Thomas Mak** 



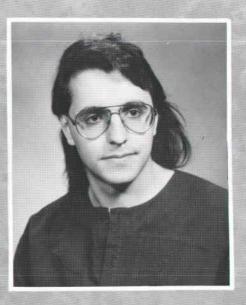
Harisha Malepati



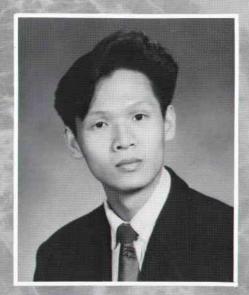
Masood Malik



Sareena Malik



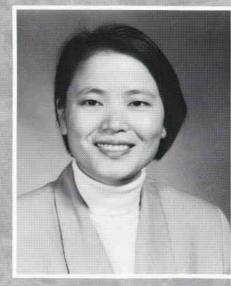
Nicholas Mamatas



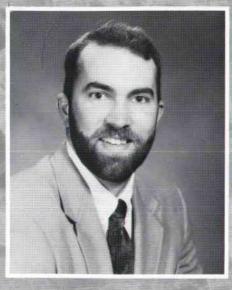
Kwok Man



Jennifer Maniaci



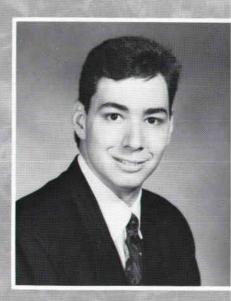
Lola Mao



Peter Mapleson



Edith Marlow



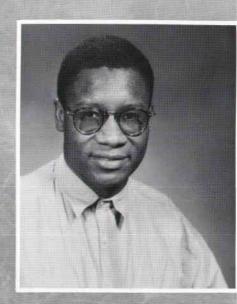
Brian Marmor



Judith Marson



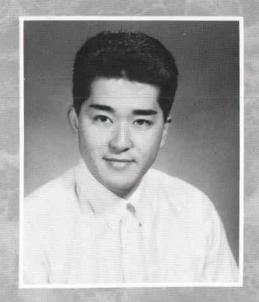
Michele Martello



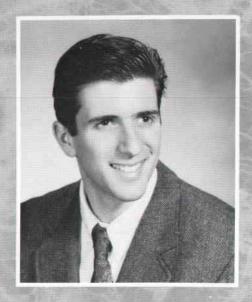
Shaun Massiah



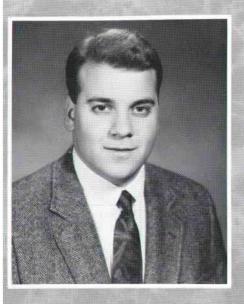
**Christine Matarese** 



Shigeru Matsui



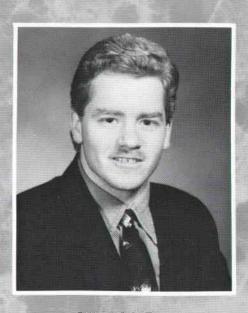
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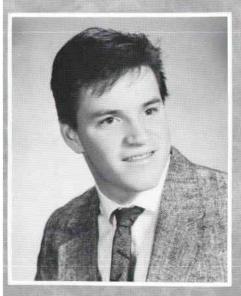
Peter Mavrikis



Renee McConey

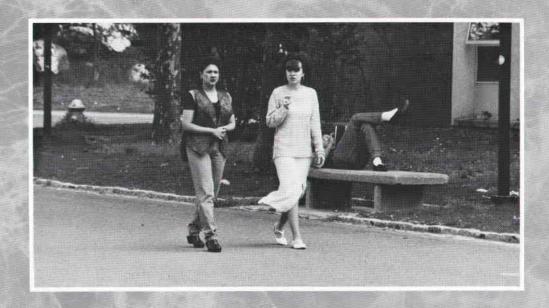


Scott McEvoy



Douglas McGowan







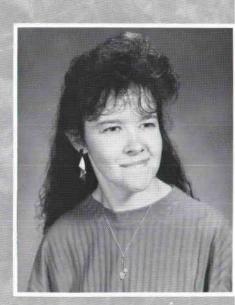
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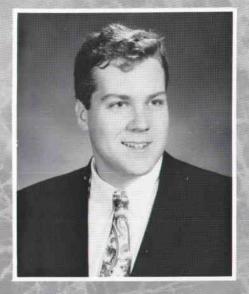
Ingebjorg McGrady



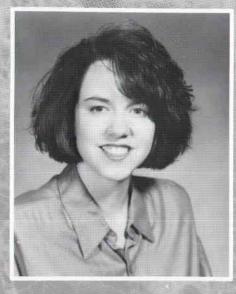
Paulett Mcintosh



Kimberly McKittrick



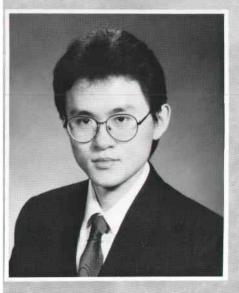
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Jennifer McNally



Mary Menedez



Chen Meng



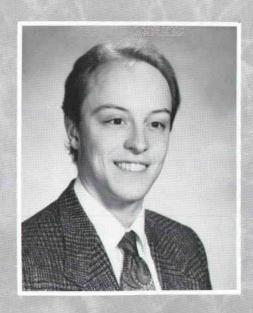
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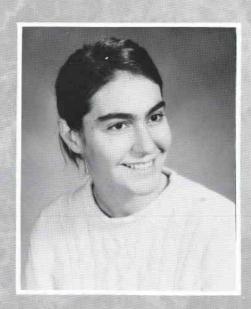
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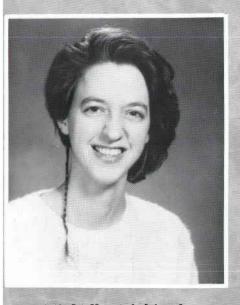
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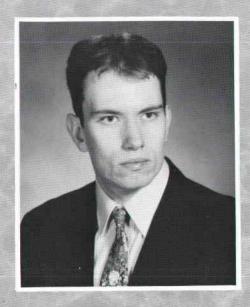
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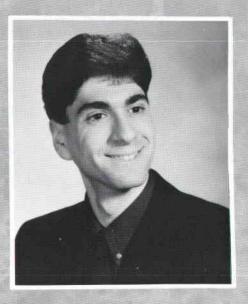
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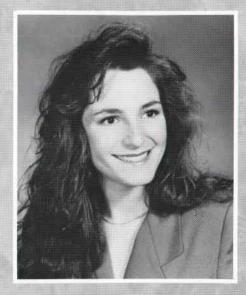
Michelle Michitsch



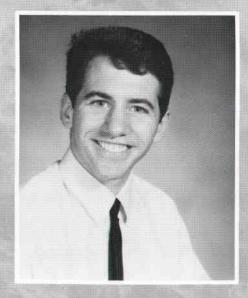
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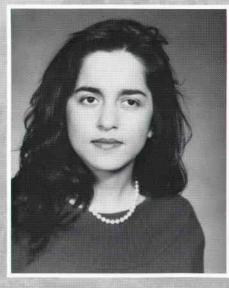
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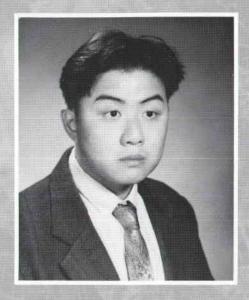
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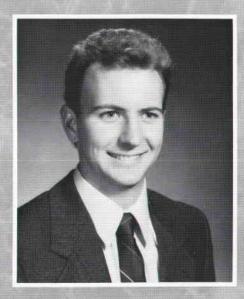
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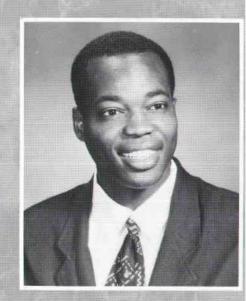
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Patrick Moi



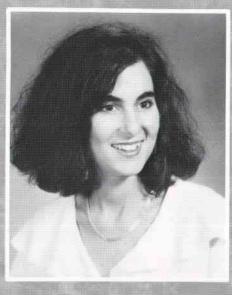
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**Emeka Momah** 



Julie Montano



Kristina Monte



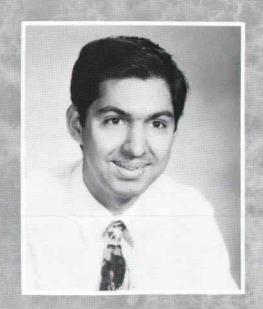
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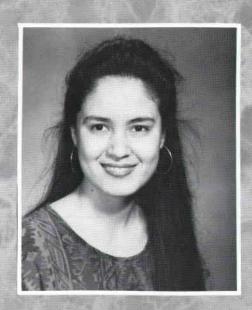
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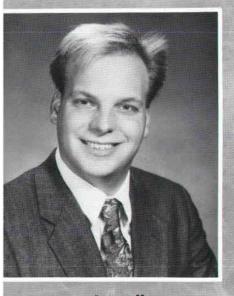
**Matthew Moss** 



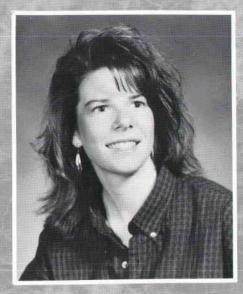
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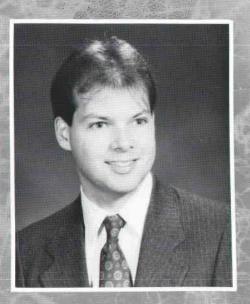
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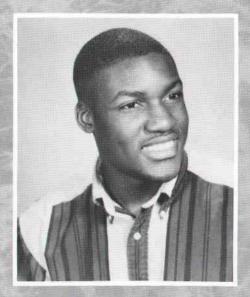
Mark Muller



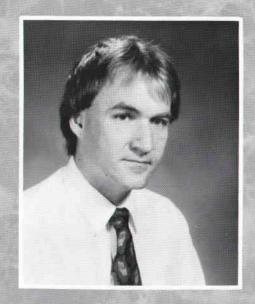
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Chris Murphy



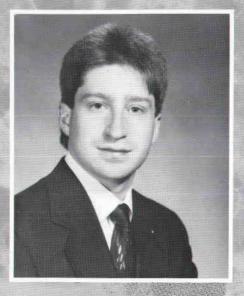
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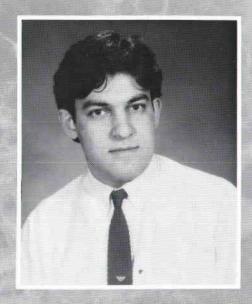
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Jennifer Mykolyn



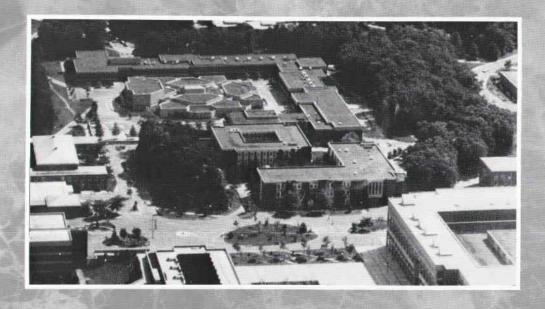
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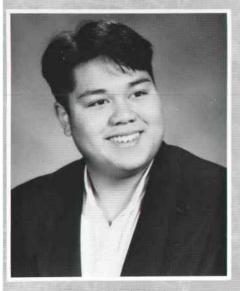
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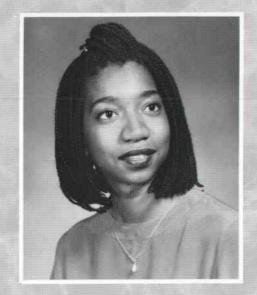
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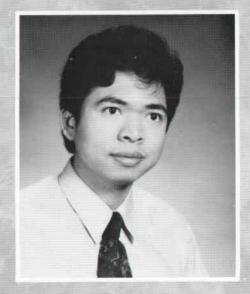
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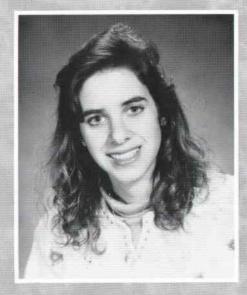
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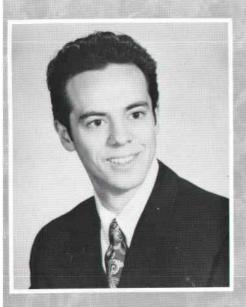
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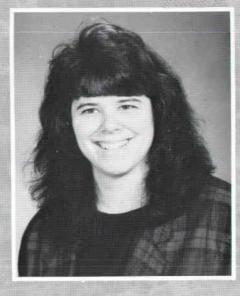
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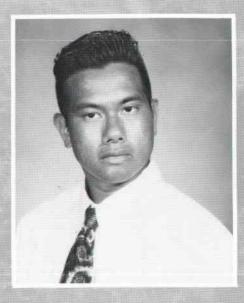
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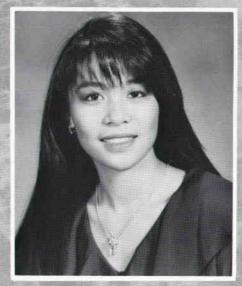
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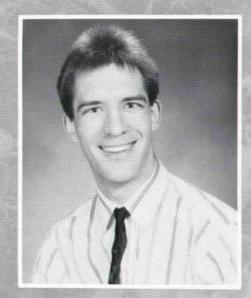
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Ronald Nonaillada



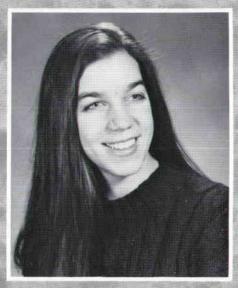
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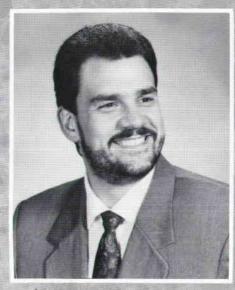
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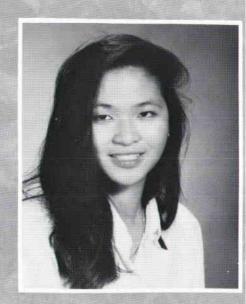
Gladys Nwosu



Heather O'Brien



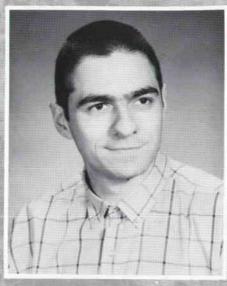
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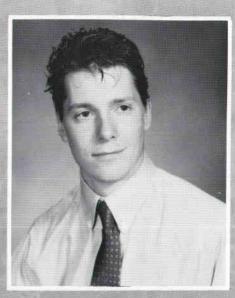
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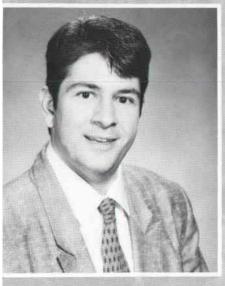
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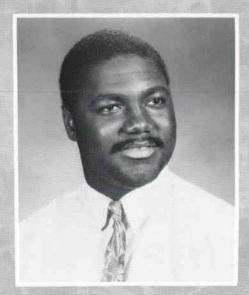
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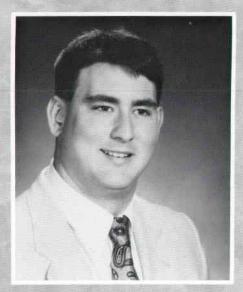
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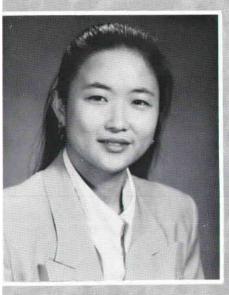
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Kwasi Osei-Boateng



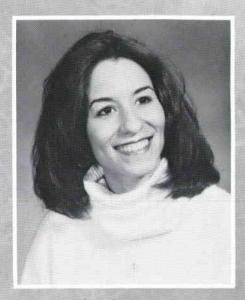
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Naoko Ozeki



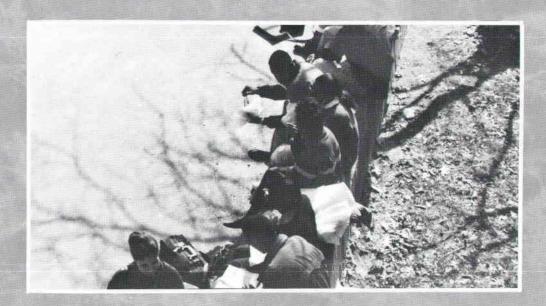
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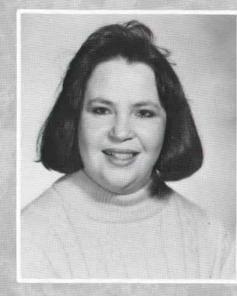
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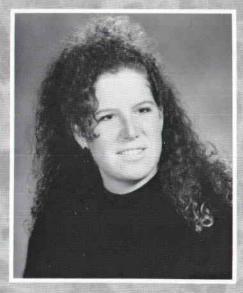
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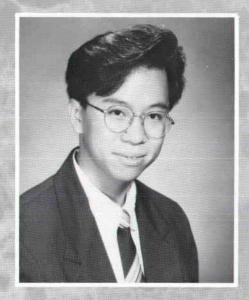




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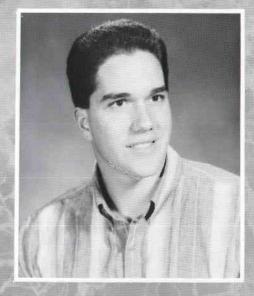
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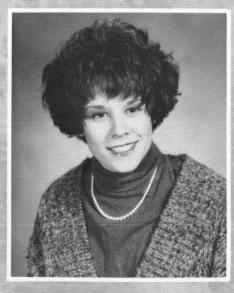
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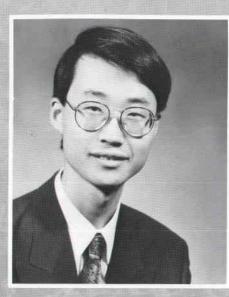
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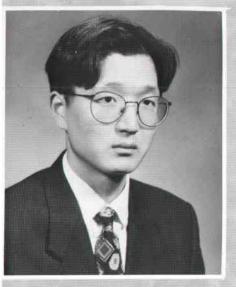
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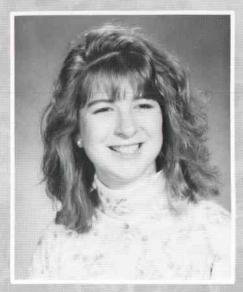
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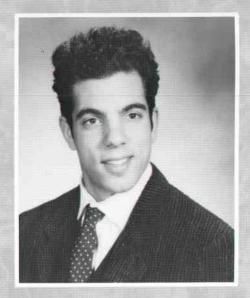
Ju Park



Sukmin Park



**Heather Parker** 



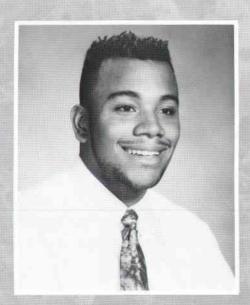
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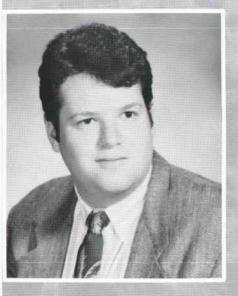
**Dawn Pastor** 



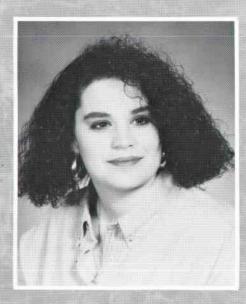
Kathleen Pathe



Joseph Peniel



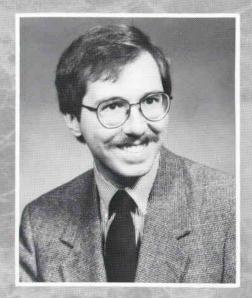
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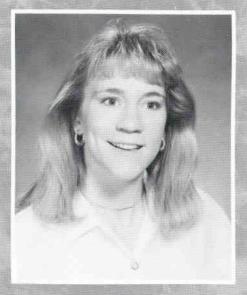
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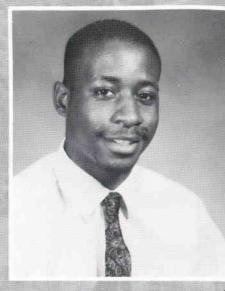
Kamla Persuad



**Gary Peterson** 



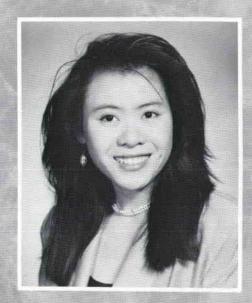
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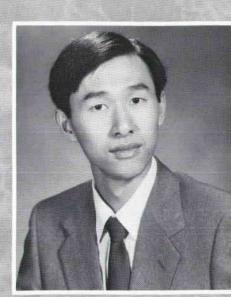
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Teresa Phillips



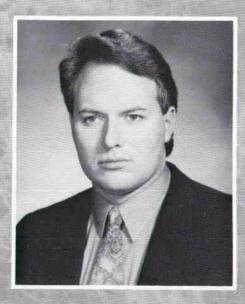
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**Hung Phung** 



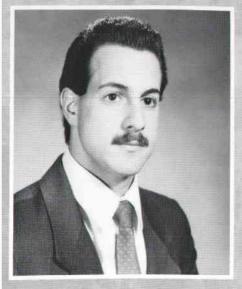
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Frank Pierre



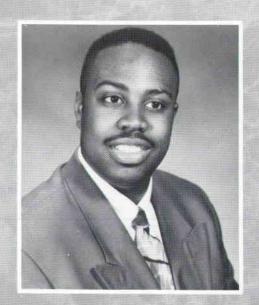
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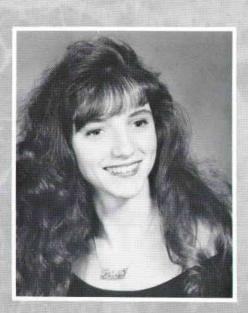
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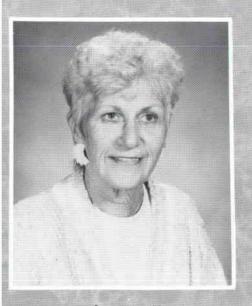
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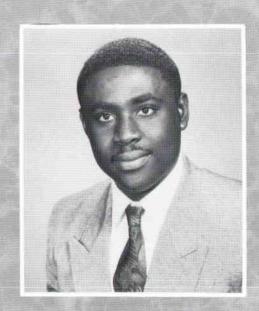
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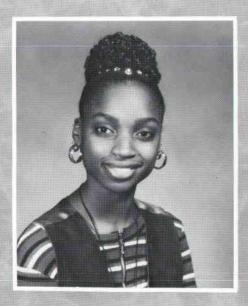
**Patricia Poirier** 



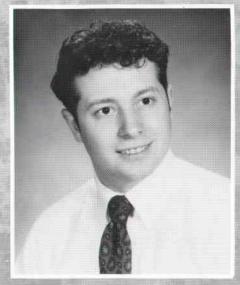
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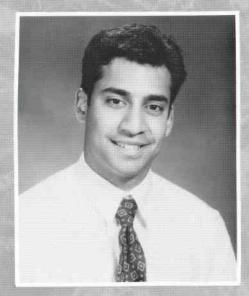
Jocelyn Polony



Susan Pryce



**Thomas Pullis** 



**Amar Purandare** 



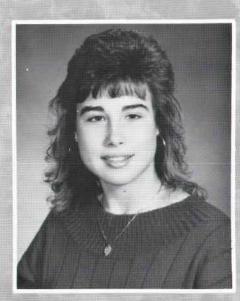
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Sharon Quick

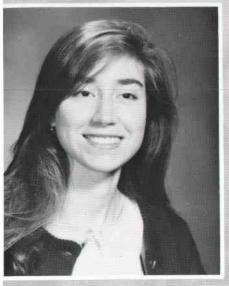


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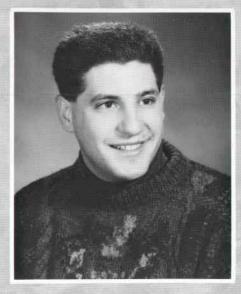


Colleen Quinlan

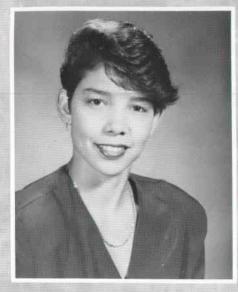




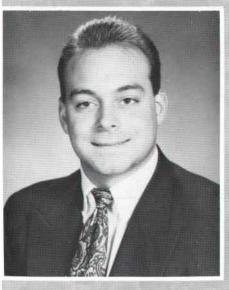
Melissa Ragovoy



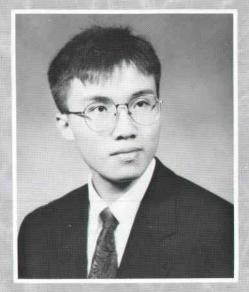
Nicholas Raio



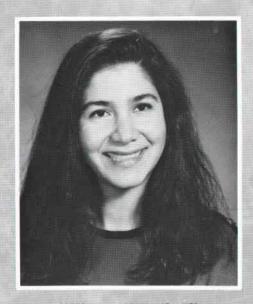
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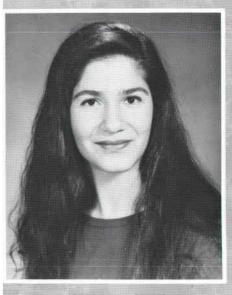
Ralph Ranghelli



**Shiqiang Rao** 



**Behnoush Rashedi** 



Farnoush Rashedi



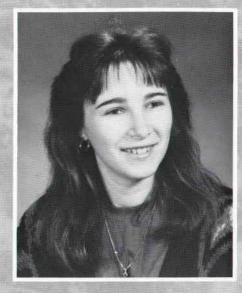
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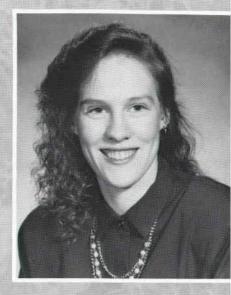
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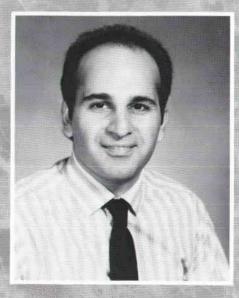
Yujing Ren



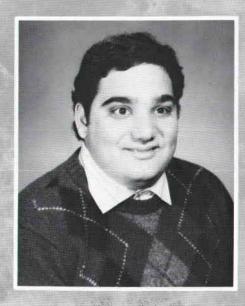
**Dorothy Retelevski** 



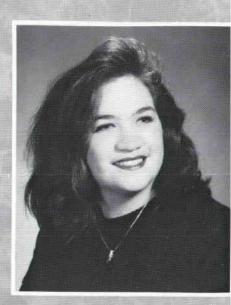
Elizabeth Reuter



Aref Riazi



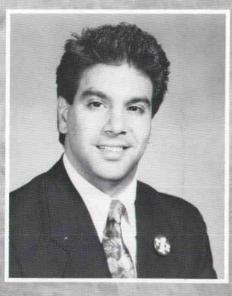
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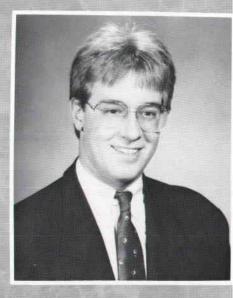
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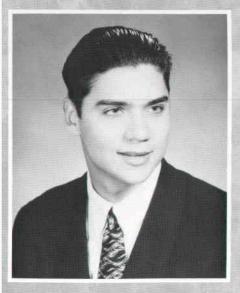
Caroline Ricioppo



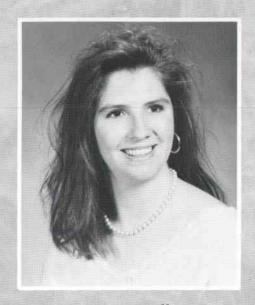
Nicola Riitano



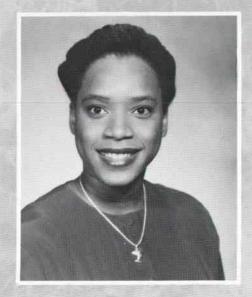
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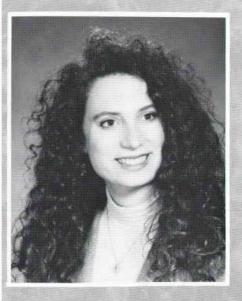
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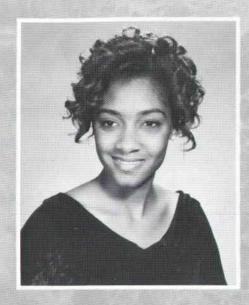
Jane Riviello



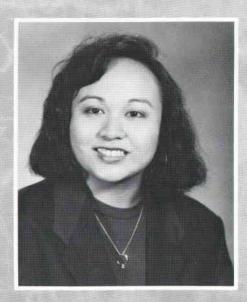
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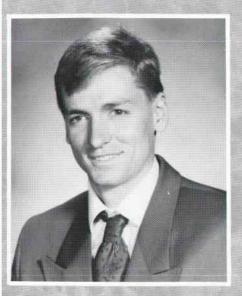
Melissa Robinson



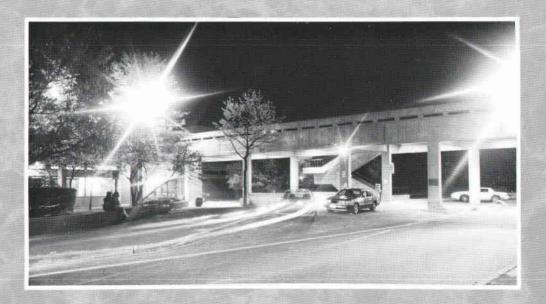
Nikki Robinson

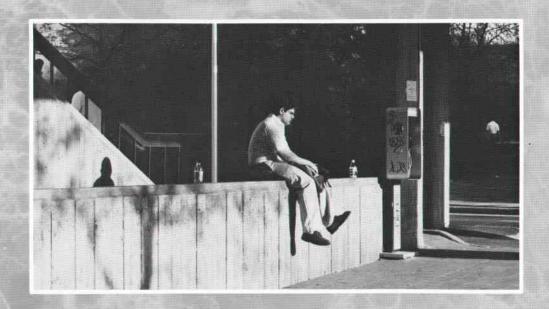


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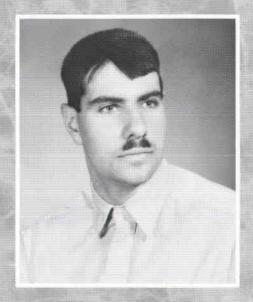


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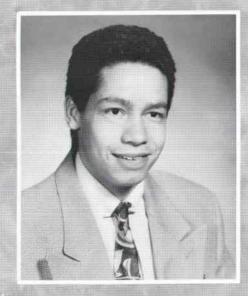




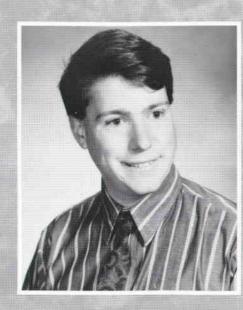
Sandra Rogers



**Thomas Rogers** 



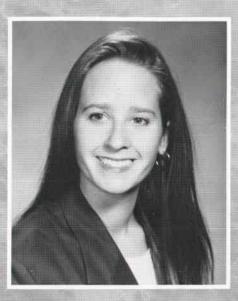
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**Gary Romano** 



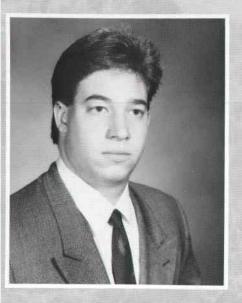
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**Nancy Rones** 



Deborah Roode



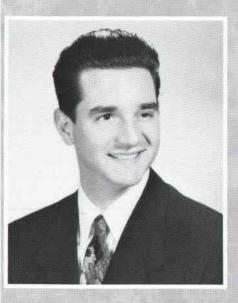
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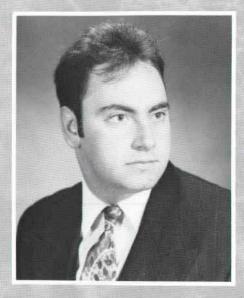
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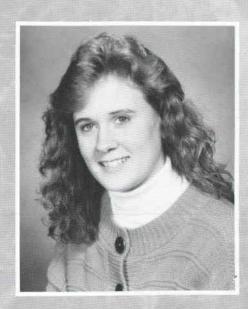
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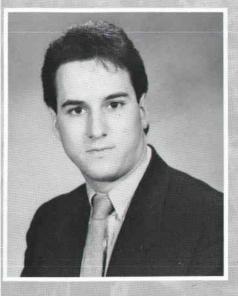
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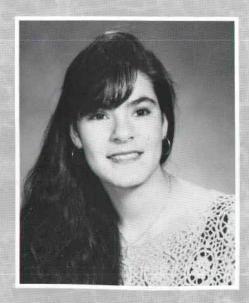
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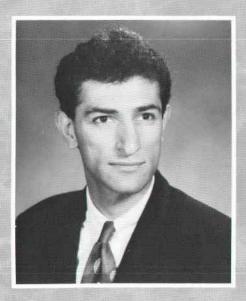
Kathleen Rush



**Kenneth Sadowsky** 



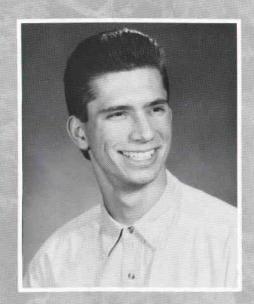
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Reza Salamatian



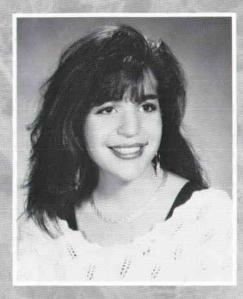
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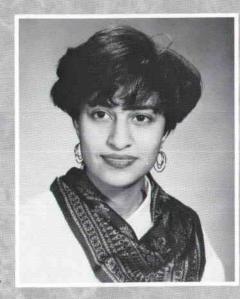
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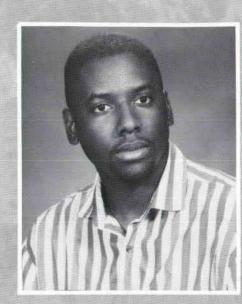
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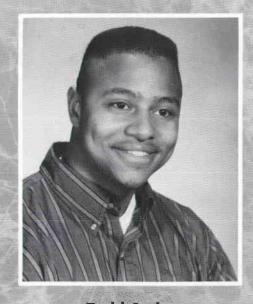
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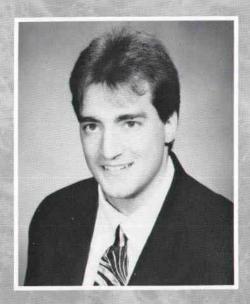
Rajula Sati



**Sean Saunders** 



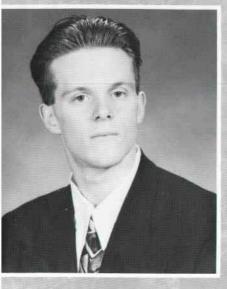
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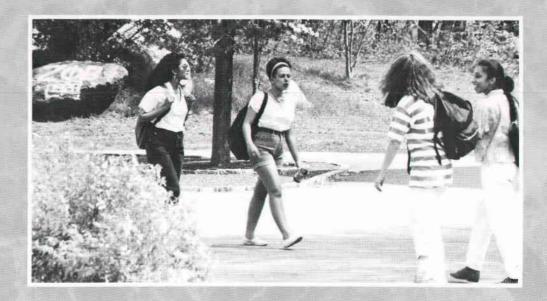
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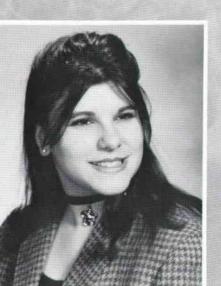


**Kimberle Scarlett** 



John Schafer

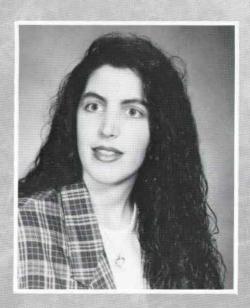




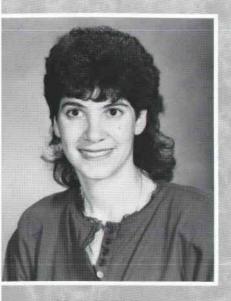
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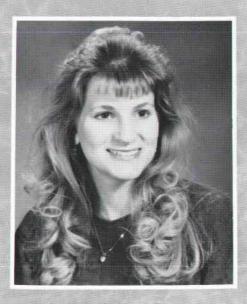
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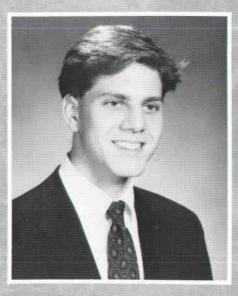
**Anne Schwarz** 



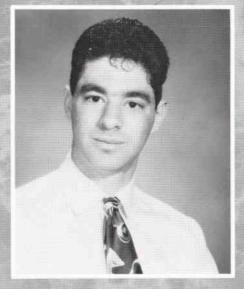
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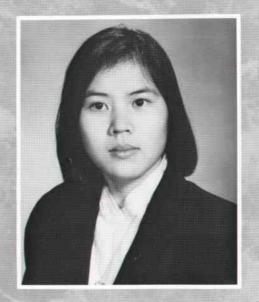
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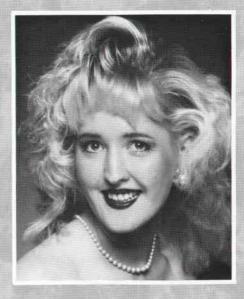
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**Gregory Seid** 



Silvia Seu



Joan Sexton



Anna Shabtai



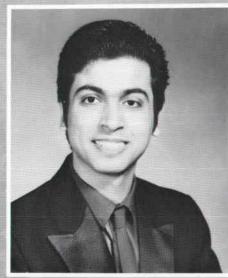
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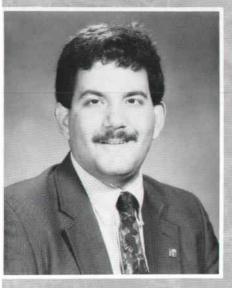


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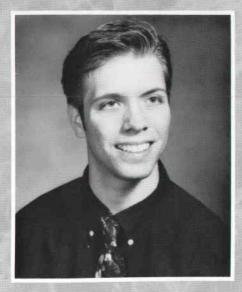


Agaron Shamayev





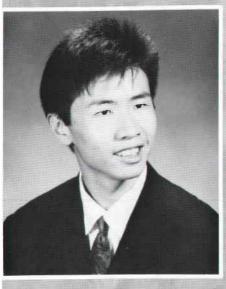
Stephen Shapiro



**Daniel Shaw** 



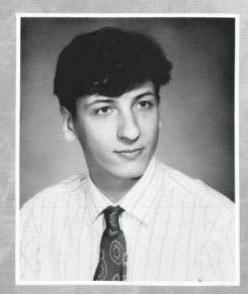
**Roni Sheffer** 



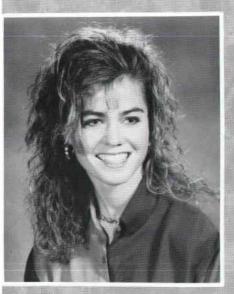
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Lily Shen



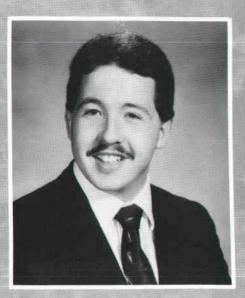
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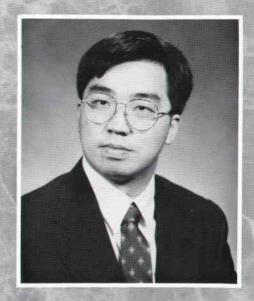
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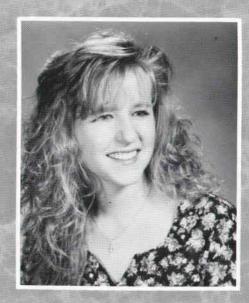
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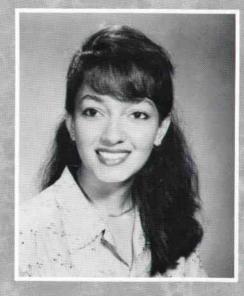
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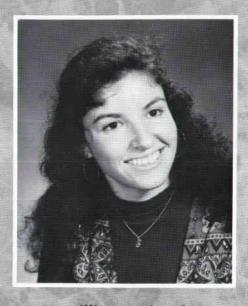
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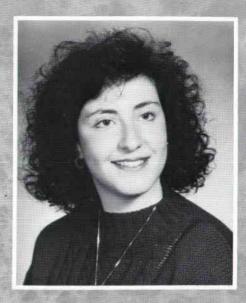
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Arshi Siddiqi



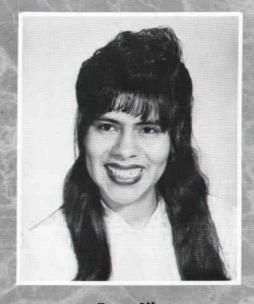
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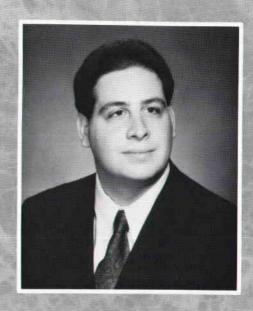
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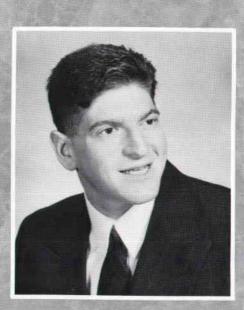
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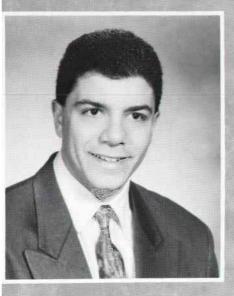
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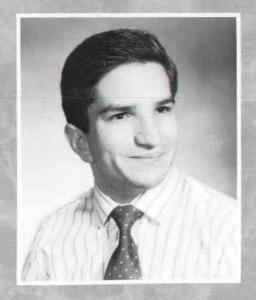
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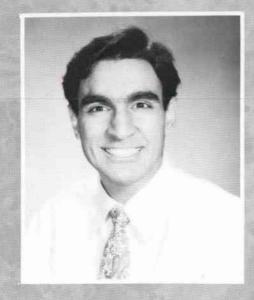
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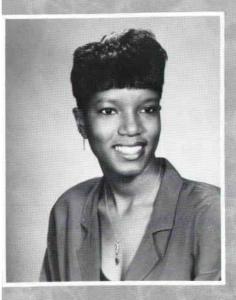
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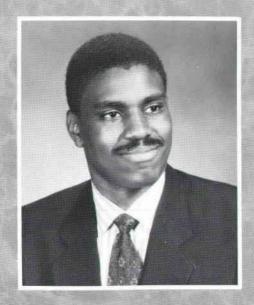
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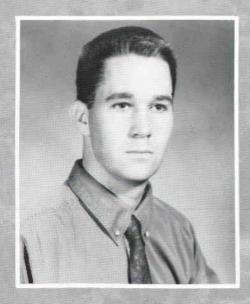
Parveen Singh



**Alexia Small** 



**Derrick Smith** 



**Gerard Smith** 

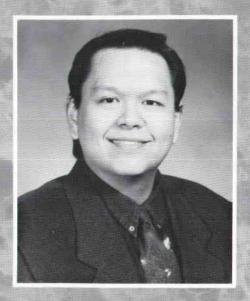


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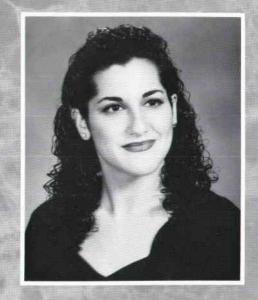




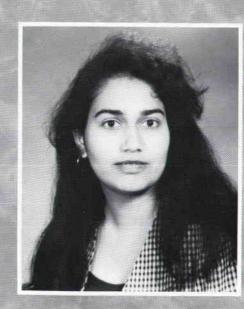
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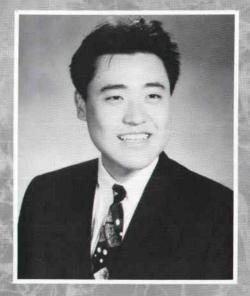
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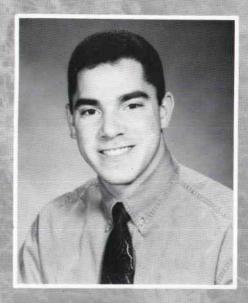
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Cassandra Somrah



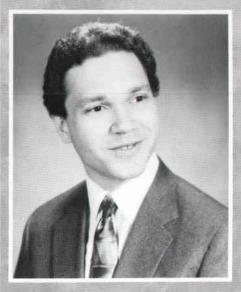
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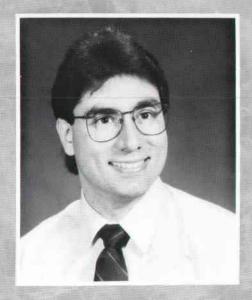
Wilson Soto



Robert Spadaccini



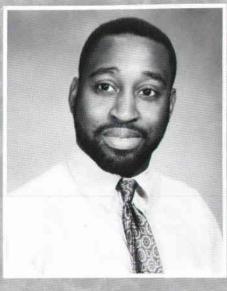
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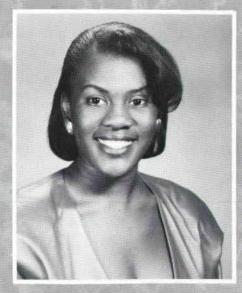
**Dane Spirio** 



**Kimberly Spong** 



Jean St. Juste



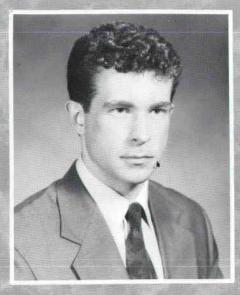
**Shelley Steele** 



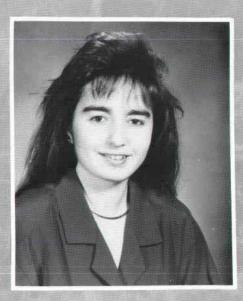
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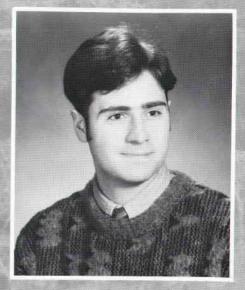
**Christine Stevenson** 



James Straub



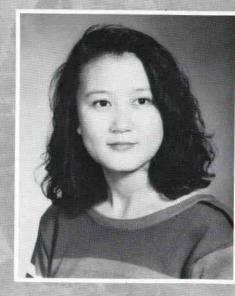
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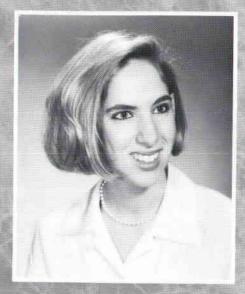
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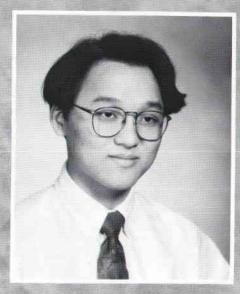
**Marie Sturm** 



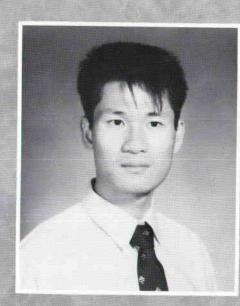
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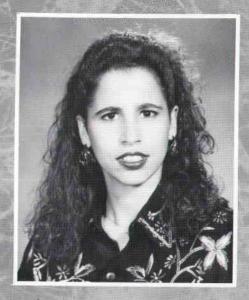
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Rusun Tang



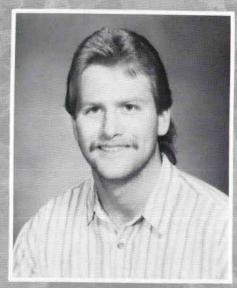
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Gloribel Taveras-Rosario



Jonelle Taylor

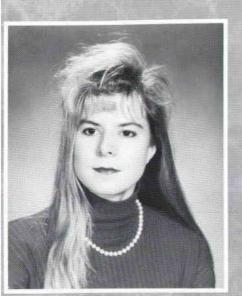


**Donald Teague** 

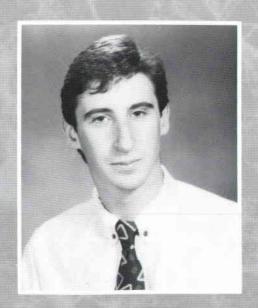


**Anne Thomas** 

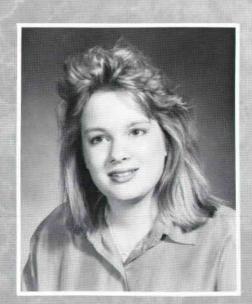




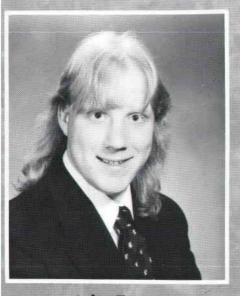
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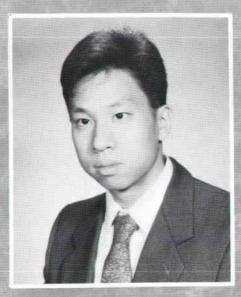
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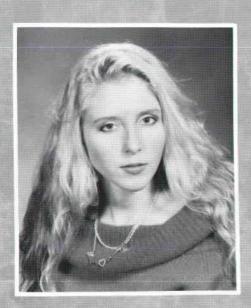
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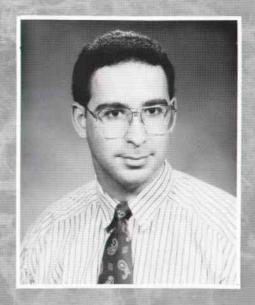
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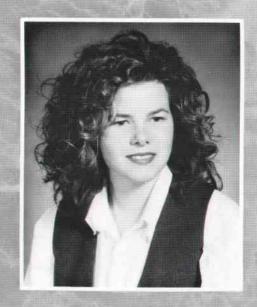
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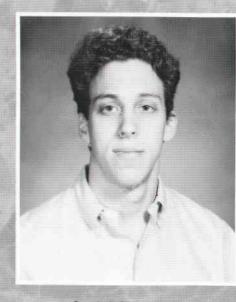
Marilyn Tonon



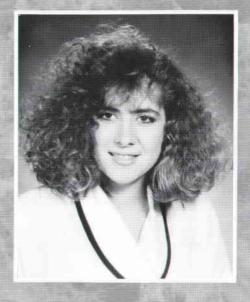
**Alon Toor** 



**Christine Tracy** 



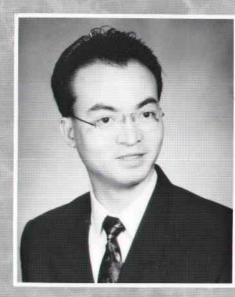
**Adam Trosterman** 



Jennifer Truran



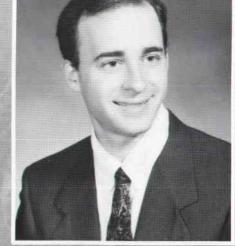
Jo May Tsang



Siu Tsang



**Apostolos Tsepelis** 

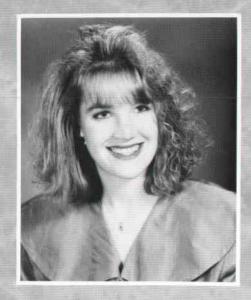




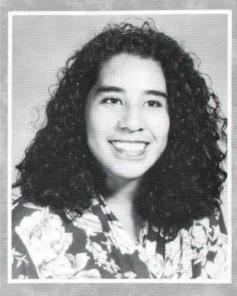
**Hwei-Ning Tzeng** 



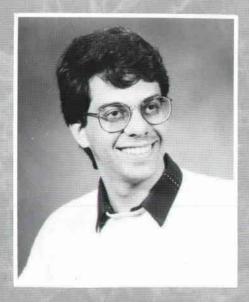
**Kelline Ulysse** 



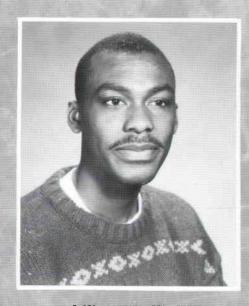
**Wendy Umscheid** 



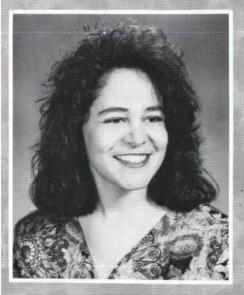
Diana Vaca



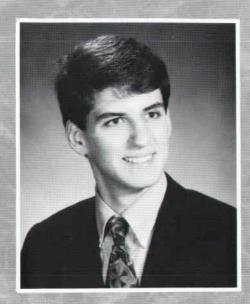
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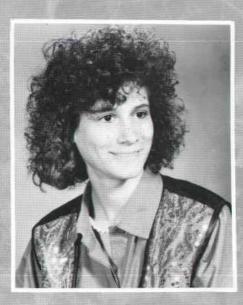
**Philippe Valbrune** 



Adrienne Valencia



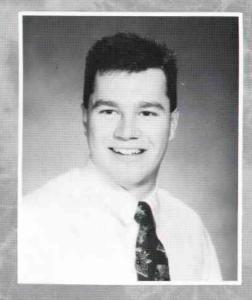
Alexander Van Name



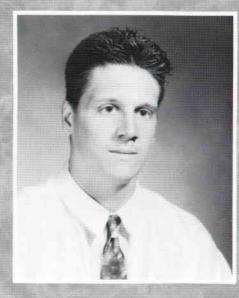
**Elysse Vazquez** 



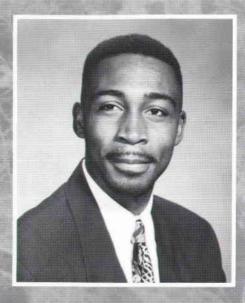
**Alec Veinger** 



Frank Vito



**Zachary Wahrheit** 



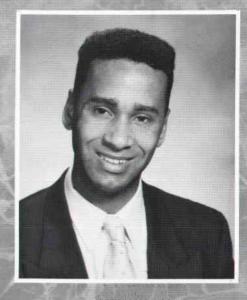
**Johnny Walters** 



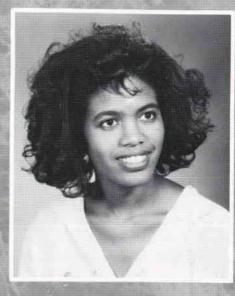
Sheila Watson



Jeanne Wayne



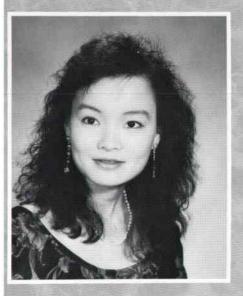
Joseph Weaver



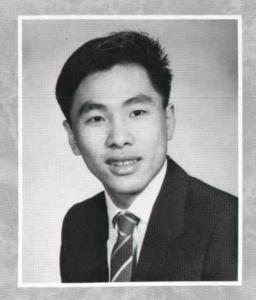
**Kecia Weaver** 



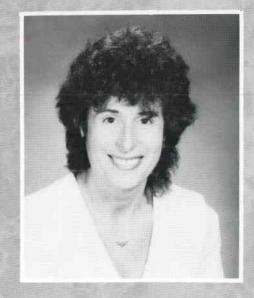
Susanne Weber



Lou Wei



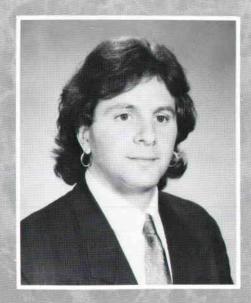
Ning Wei



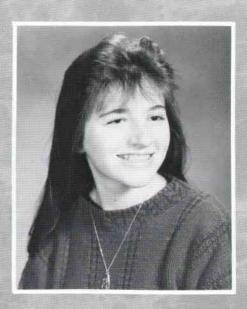
**Beverly Weinberg** 



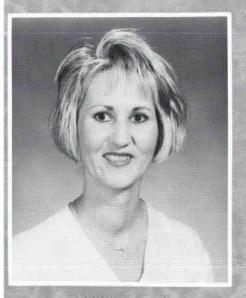
**Sheryl Weinberg** 



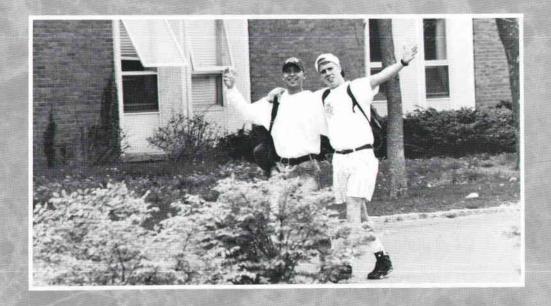
Joseph Weinholtz

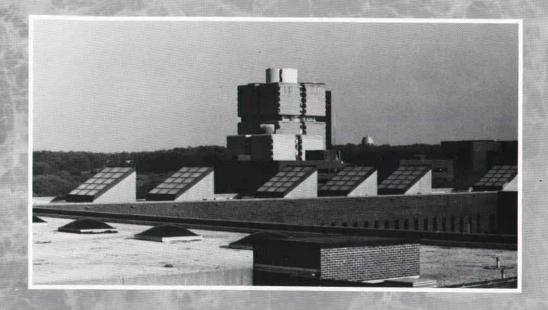


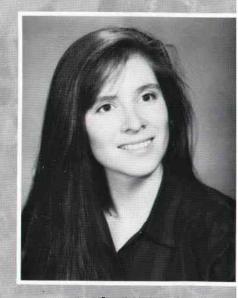
**Tamara Weit** 



Marilyn Wenz



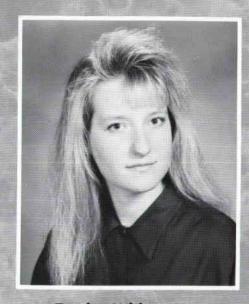




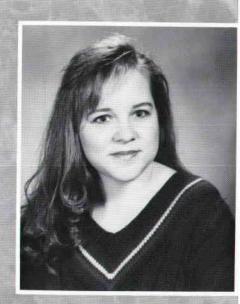
Leah Westcott



Delma Wheeling



**Denise Whittemore** 



Jennifer Wichert



Jennifer Wild



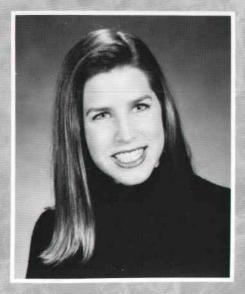
Melissa Wild



**Shirley Williams** 



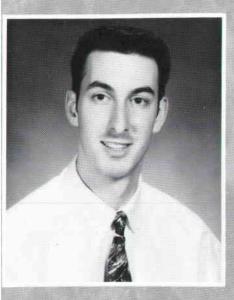
Karen Wilson



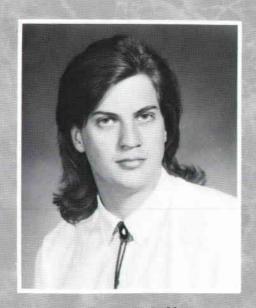
**Nancy Winkler** 



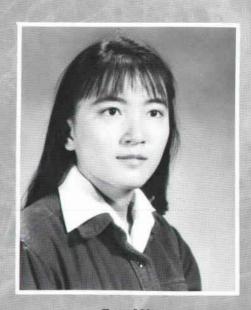
Michelle Wohlman



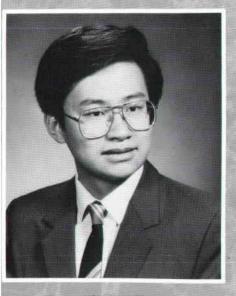
Jason Wolburg



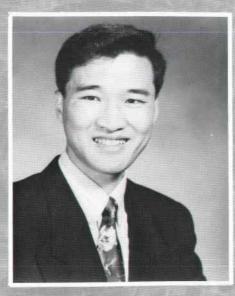
Steven Wolf



Fan Wu



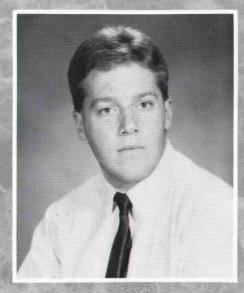
Han Wu



James Wu



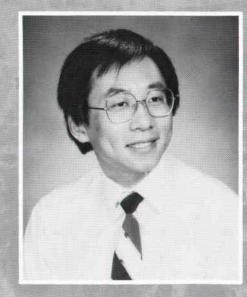
Tso-Li Wu



Eric Wuss



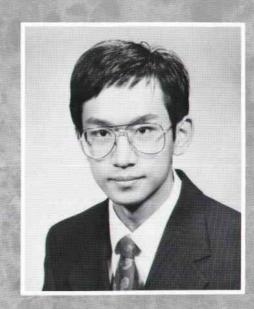
Wen Xian



Wei Jia Xie



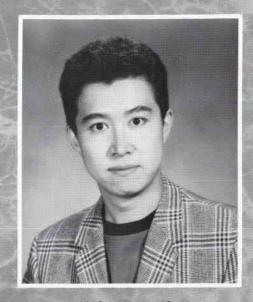
Yu Xie



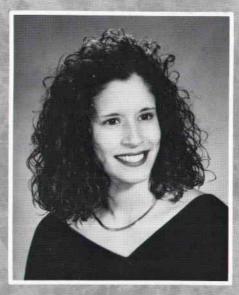
Jie Xing



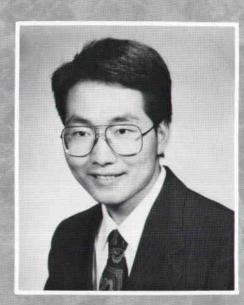
Mei Xue



Yoichi Yamashita



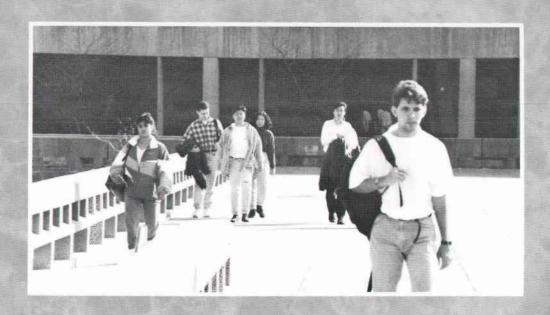
Sandra Yanez

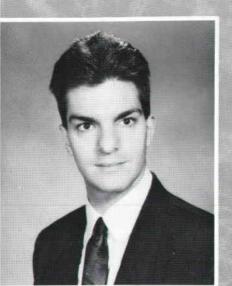


**Guo Yang** 

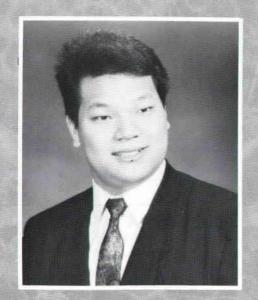


Laura Yao





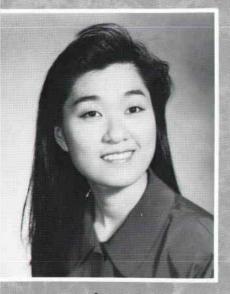
Steve Yazbek



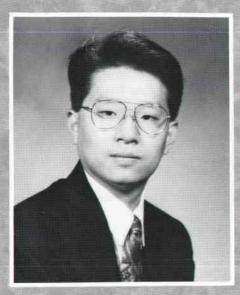
Sherman Yee



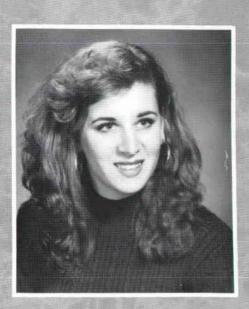
Victoria Yi



Meeyhang Yoo



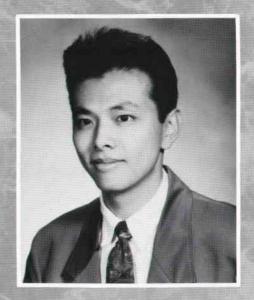
Unggin Yoon



**Kristin Young** 



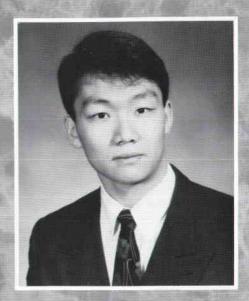
**Vivian Yousef** 



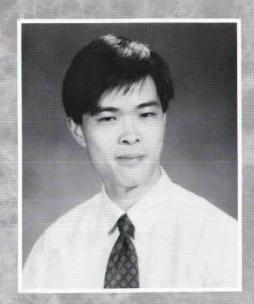
Che Yu



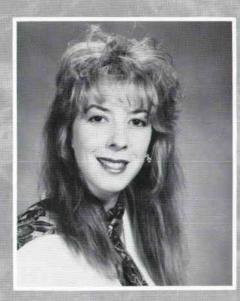
Theresa Yu



Yeosin Yun

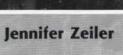


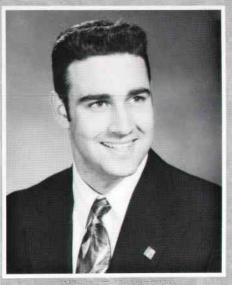
**Howard Yung** 



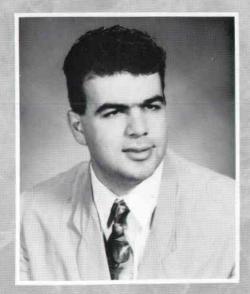
Susan Zegel



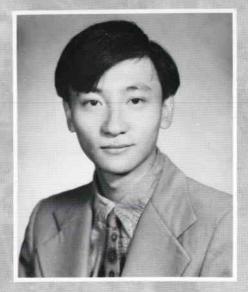




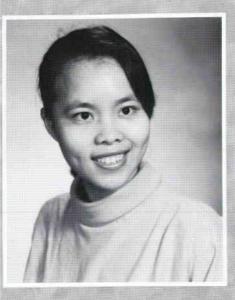
Jayson Zellman



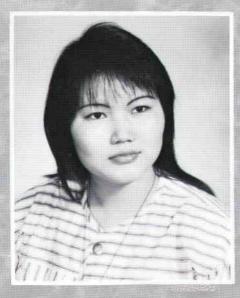
Costas Zervos



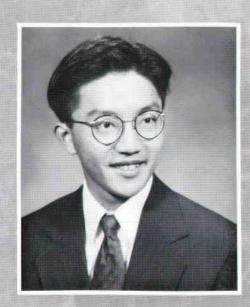
Rong Zhang



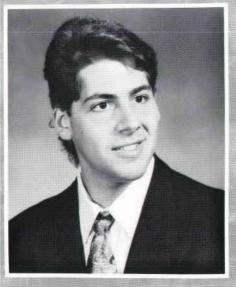
Hongmei Zhao



Regina Zhao



Yi Zhou



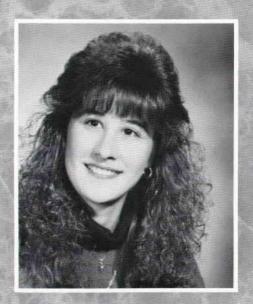
**Ronald Zimmer** 



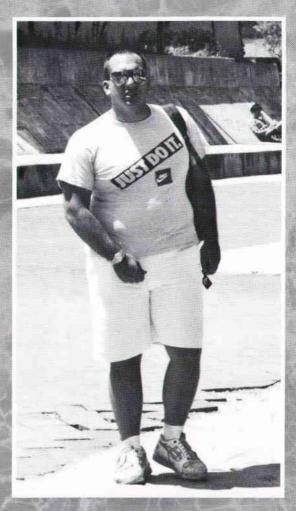
**Edward Ziskind** 

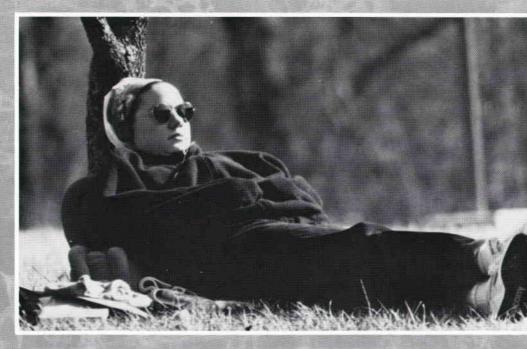


Mindy Zoota



Lisa Zorn









## Candidates for Degrees<sup>†</sup>

## Baccalaureate

#### **Africana Studies**

Master Zahir Allah
Kevin Barnhill
Andre Sean Barrett
Annmarie Antoinette Bedward
Saeeda Jamilla Brown
Lisa A. Cozier
Ty-Quasia Earth

Ty-Quasia Earth
Craig Anthony Francis
David Demetrius Greene III

\* Keesha N. Jackson
Peniel Emmaus Joseph
Rupert Grantley Fitz Pearson
Keith Saunders

## **Anthropology**

Laura Marion Amato David G. Becher Vincent Cuocci Karen D'Angelo Richard Thomas Engeldrum Patricia Ann Flynn Laura Virginia Harste Alexandra Anne Higgins Christine J. Ingarra Michael D. Juliano Russell James Kiernan Patricia A. Klosowicz Iennifer Ann MacCormack Shaun Grenville Massiah Lori Esther Padilla Elizabeth Erin Richelsen Sophia Andrea Schalk John Paul Stelmack Blair Van Nostrand William Anthony Ward Leah Anne Westcott Jennifer Lee Williamson Shigemitsu Yamaura

# Applied Mathematics and Statistics

Allan A. Adriano Abdullah Al-Mahmud Michele Beth Artzt Laura Lynn Baden Don Chi Chan Fung Chan

\* Ho-Kwong Chan Yuet Chu Chan Hong Hong Chen Marjorie B. Cheng Aravind Cherukuri Fanchi Cheuk Michael C. Chiarelli Byung Sun Cho Gloria Sauchun Chong Neophytos Savva

Christodoulide

Crystal Lisa Clark
Steven Joseph Conner
Jacqueline Andrea Contros
Douglas Scott Corliss
Christopher Louis Cresson | T Y
Gehan S.C. Dabare

Tuan Dang
Charwyn Fitzpatrick David
Deborah Ann DeMaio
Sui Va Dip
Sharon Rose Elvin
Paul Vincent Ferrantino, Jr.
Pietro Frazzetta

Joanne Freedman
Richard Melville Giegerich

\* Stacey Golcet
Jonathan David Goldstein
Alexander Grinzayd

Kathleen Erin Halloran Eric Joseph Hentschel Babak Honarkar Ellen Ying Wan Huang

Howard (Hao-Wei) Huang

Yaobin Huang
Junghee Huh
Regina Laurelle Humphrey
Ki Eon Hwang
Abe Jacob
Robert Nicholas Jarvis
Lynette Helen Jefferson
Alexander D. Karavousanos
Amit Daphna Kashi

Neda Kazemi
• Hai-Kyung Kim

\* Hyun K. Kim
Ji-Seog Ko
Cary Patrick Lai
Chean Chao Lee
Chongchin Lee
Jenny Cheng Lee
Ling Fung Lee
Kenwai Leong
Kwan Leung
Qi Ling Li

Sarah WenYing Li Sarah Yutzu Lin Liwen Lu

Tony Tong Lu

Michael Anthony Maresca Siur F. Mark Jean R. Massillon, Jr. Chen Meng

Patrick Saukong Moi Matthew David Moss Samuel Moyyen

John S. Muller
Susan Joyce Mullhaupt
Terry Ann Munzing
Anthony Earl Ray Murray
Trangnhoa Van Ngo

Young Keun Park
Rupert Grantley Fitz Pearson

Christina Marie Pietras

Heidi Rose Quijano
Shiqiang Rao

Dan Ratsaby Jesse Avrom Reichler Stella Yujing Ren

Dorothy Alice Ita Retelevski Frank Anthony Rizzo Sean Roy Saunders Kevin V. Shen Lily Shen

Alexia Marcia Small Christel Eileene Smith Ho Suk Song Igor Strashny

Walter Sze Song W. Tang Dingjay Tao Jeffrey Teague

Howard Gregg Teich
 Winston Weng-Hong Tseng
 Hwei-Ning Tzeng
 Margaret M. Walier
 Zhiying Wan
 Gary Wai-Chung Woo
 Victor Wai-Kit Woo

Fan Wu Shan Hui Xian Wenjuan Xian Valerie (Hongmei) Zhao Regina LeiBin Zhao Henry Yi-Hua Zhou Edward Benjamin Ziskind Art History and Criticism

Henry Hin Au-Yeung Natacha Blanchet Kevin Joseph Blemel Margaret Clearwater Schneider

\* Barbara Ann Gawreluk Amelia Lucia Hildreth Gerard Alan Hofmanis

Jocelyn Moya Kester Sam Quan Krueger Eric Robert Kubelle Izumi Kubo Visook Kwon Birlie Serena Lau Amy Joyce Miller

 Victoria Lynn Muller Stacie Jean Noonan Donnamarie Oricoli Karin Leyser Osti Tiffany Joy Pensa Heather Rae Pieters Jennifer Dawn Plantz Kristina Raye Portes

\* Debra Jean Ronning Jilian Schuchardt Natalie Segall

 Anna Rita Sinatra Jessica Ann Smolinski Roseann Stewart Nancy Elizabeth Winkler

#### **Art Studio**

Henry Hin Au-Yeung Jeanette Berger Jean-Paul Bisson Richard Edward Bonati David Christopher Buckle Jim Ming Chin Yeun H. Choi Karen Christine Clifford Carolyn McCann Klausz Mary C. Leto Jeffrey Allen Long Michael Joseph Maddalena Patricia Ann Monsen William Charles O'Rourke, Jr. Heather Rae Pieters Caroline Italia Ricioppo Patricia Maria Risoli Nilda Rosado Deborah Jean Shaw

<sup>&</sup>lt;sup>†</sup>The Člass of 1993 consists of degree candidates who have fulfilled all .equirements for the degree as of August 1992, December 1992, May 1993, and June 1993. An asterisk (\*) appears before the names of candidates who expect to fulfill degree requirements in the summer of 1993.

Mary Sherard Andrew Torres Jennifer Lynn Visconti

# Astronomy/Planetary Sciences

Nancy Ruth Adams John Christopher Elia Salman Arshad Hameed Dane Orlovic Jay Carlin Rowlinson, Jr. Jo-May Tsang

# Atmospheric Sciences/Meteorology

Gregory James Doyle

#### **Biochemistry**

David Adin Bushra Nilofer Afzal Zaid Ahmad Scott Laurence Appelbaum Renee Palmyra Armour Jonathan Mark Avis Susan Lynn Bell

- Keisha Natasha Ivana Blake lames Matthew Bluvas Ranko Caric Chia C. Chang Brunette Carmelle Cherilus Wai Ping Chu Randall Leigh Clipperton Richard Dennis J. Conticello **Bruce Thomas Cummings** Mitchie R. Diago Ramanand Dixit George Edward Ehrlinger Francis Kwabena Ennin Dennis Brian Gibbons Andreas G. Grill James Sevilla Guevarra Deepak Kumar Jain Tun lie Thomas Joneson Gui Nam Joo Christopher Mark Judd Hemant Kairam Shahryar Khodabakhsh Ik C. Kim Jin Hyung Kim Sang-Hyun Kim John Joseph Kolberg
- Connie Lee
  Eunjung Anna Lee
  Olga Levin
  George Panagiotis Liakeas
  Ming Fang Lin
  Susie I-Ching Lin
  Stephen H
  Christopher John Magnifico
  relicia Dawn Malkiel

JudyAnn Marie Laidley

Mahi Komitas

Matthew M. Manning James P. Matthews Hiren I. Mody Ratnakar Mukherjee Elizabeth Christine Murer Mari Nella Jorolan Olsen Shahram Orandi Jacqueline Akua Owusu Kamla Angela Persaud Christopher Paul Plummer Tanveer Jamal Qureshi Behnoush Rashedi Farnoush Rashedi Pamela Mindy Rief Jill Romagnolo Marianne Satre Elaine Marie Sciara Glen Thomas Seaman Sathir Singh Christopher William Slavinsky Dayna Janice Smith Robert Eugene Smith Pedro Lavere Sobers Cassandra Indira Somrah Simi Thomas Brian Christopher Tisdall Long Xuan Tran **Demetrios Tsiokos** Argyrios Tzilinis Philippe Valbrune Alexander Robert Van Name Angela Viscardi

- \* Henning Just Wente Christine Elizabeth Williams James Yongzhen Wu
- \* Jamila Yaqub Simone Andrea Yearwood Masood Yeroushalmi Barney Yoo Meeyhang Yoo

#### Biology

Gelasio Agustin Abesamis Anthony Walter Aebi Sherry A. Ahlberg Benedict Peter Albolote Sterling Alexander Jane Allison Althoff Ozlem Altinel Sunada Juandalynn Ames Kuntal Amin Rowena DeLos Reyes Aquino Errol T. Arevalo Bernadette Aulivola Danny Barchi Alexander Barkan Clifford Baynon Elba Antonia Bello Mejia Sharon S. BenMayor

- \* Kelly Maureen Bennett
- \* Andrew Berdoulay Mark Christopher Blake

Jeffrey David Block Maria Bolkas James J. Bonacum Kevin Terrell Booker Eric Edmund Brandl

Rodianne Cadet
William John Caldecutt
James Paul Caldroney
Maurice Antonio Campbell
Peter Richard Caparelli III
Dana Aurora Gonzalvo
Carasig
Maryanne Nicole Carletto
Justine Marie Catania

Maryanne Nicole Carlett Justine Marie Catania Jenifer Cavallaro Scott Anthony Cerami Usman Ahmed Cheema

- Elizabeth L. Chou Donna Marie Ciminna Tracy-Ann Marie Clarke Leslie Ann Cohen Scott Howard Cohen José Cordoba lose C. Costa Madeline Crespo Armando Franco D'Arduini Kristen K. Davis Srirekha Dayanidhi Salvatore De Augustino Christopher P. Demarco Jenesha Marie De Rivera Sabine Rolande Desire Audrey Emma Detthering Dorothea Ann-Marie Dobson Denise Lynne Donaldson Renu Doshi Lynn Mariano DyReyes Jeffrey James Ecklund Michael Richard Edwards Lauren Theresa Emr
- Peter Joseph Christian Esser Gina Ann Falcone Leonard P. Farber Suzanne Fitzmaurice Michael David Flyer Timothy Robert Fox Darby Ann Galletta Orew Chandler Garrison Muhammad Shuvo Ghani

Alice Eramian

Donna Jean Gilmartin
Paul L. Giotopoulos
Evan Seth Gold
Jaime Allison Goldstein
Joe Goncalves
Laurie Granata
Roy Thomas Grego
James Lawrence Happel
Sygal Harpaz
Sarah Elizabeth Harrison
Yolanda A. Hart
Christopher Scott Heaney

April Lynn Henderson Christine Elizabeth Herrmann Robert Michael Hicks Stefan David Holubar Ericka Frances Honore Arnold Alvin Horowitz

- \* Ann-May Hoyte
  Cristian F. Hozven
  Geoffrey Edward Hulse
  Eric Robert Huner
  Richard Seth Hurwitz
  Joseph M. Illari
- Uk Im John Francis Insinga Vahid lpektchi Lizette Aida Irizarry Raymond Iryami Tasha Rochelle Johnston Taher Kameli Stuart L. Kanterman leongYeon Kim Yong Jun Kim Gary G. King Theresa M. Kropinak Peter lames Kuebler John Harris Lagonikos Patrick Bernard Larosiliere Birlie Serena Lau Cynthia Lee Douglas F. Leigh Andrew Walter Leising
- Mylene Tanglao Leonardo Marcos William Levy Marc Albert Lewandoski
- Carol M. Lewis
   Dante Neisone Lewis
   Kwan-Yau Liu
   Jennifer Lombardo
   Michael Longden
   Veronika Lozina
   Masood Malik
- Brian Scott Marmor Joseph Lawrence Mauro Augusto C. McIntosh
- Jennifer Amanda McNally Dawn Michelle Melcher Gregory Scott Menegio Stuart Milstein Michael Edward Minett Christopher S. Misciagno Daryn Howard Moller Emeka Sam Momah Minor Gustavo Monge Maria Domenica Montalbano Brian Alan Moogerfeld Anne Marie Murugasu Michelle Melany Nedd Craig Scott Neleson Vincent Craig Orsino John Michael O'Shea, Jr. Joseph Anthony Palumbo Priti Pandya

Vickie Lee Payne
Aaron Chen Perey
Desiree Elizabeth PerezSulsona
Aretha Nanda Persaud
Anthony Joseph Piscitelli
Jonathan David Porthouse
Ala Rabadi
Heather Lynn Radtke
Aristotle Paul Rebusi
Simminate Angelique Reel
Jeffrey Alfred Reynante
Michelle Antoinette S.

Richards Elizabeth Erin Richelsen Karen Janice Roach Jennifer Anne Robles Margaret Ann Romero Susan Ellen Ronstrom Lance Scott Rosenberg Scott Michael Rossa Robert H. Rothenberg, Jr. Jennifer Peace Routh Joseph Damone Ruffo Frank Joseph Santini Regina Ann Santoni Amelia Sarpong Rosanna Princess Saunders David Michael Scaccia Silvia Alexandra Chong Seu Sharmila Sunder Shahani Hamid Parvez Shaikh Coleen Patricia Shaw

- Milena Sheintul Kashif Inam Siddiqi Stephen S. Smith Andrew Charles Snow Debra Ann Spangler Nicholas Joseph Spezza Peter Alex Spiratos Michelle Amy Staloff Kimberly Joyce Stanton John George Stratidis Kathleen Stuart Ajmal Aziz Sultan Robert Tartaglia Meldon Tom Alon Toor Melvin Torres Rama Vidyasagar
- Homa Wardak
   Joseph Patrick Weaver
   Robert John Weber, Jr.
   James Joseph Wilkie
   Karen Nadine Wilson
   Meira Wolff
   Bryan Patrick Woods
   Charlie Yeung
   Ung Gin Yoon

## **Business Management**

Scott Dennis Banker
Scott Barabash
Nora M. Battat
Gary Michael Bell
John Joseph Bennardo
Glenn Paul Bland
Janine Marie Bonifacic
Enzo Brun, Jr.
Dino P. Bruno
Steven Philip Calabro
Sharon Elizabeth Callanan
John M. Carden, Jr.

Deborah McGowan Chalmers Saeed-Mohammad Chaudhry Herman C. Chen Tit-Shing Cheng Ming-Lai Cheung Edward Chi Sandy Chin Rajiv V. Chodhari Catarina Cusello Monique Janet Davis Richard G. DeGregory Traci Noelle Dolinsky Karen Frances Duggan Danielle Marissa Elizabeth

Durant Jennifer Ida Egan George Charles Ertle Darren J. Faccilonga Michael Roy Feinstein Rosemarie Ferdinand Maria Victoria Garcia Glenn Adam Gelman Paul Erik Gersfeld Aya Gotoh Lance C. Greer Paul Thomas Gribbin Spiro Christopher Hellen Karen Lorraine Hoey Janet Theresa Hoverkamp Lung-Sheng Huang Michelle Ann Hyatt Sedgwick Max Jeanite

Christos George Kanavos Linda Jeanne Knorr Lindaman Kenneth Kortright Jayan Pottayil Krishnan Hussain Kureshi Tan-Fung Lam Yim Ching Lau Sharyn Renee Levey Hsin-Fu Liu Christine Lynne Mallory William Robert Mauer John James McElhone Fatima Braoule Meite Charles Thomas Messina Kathy Lynn Morstadt Thomas J. Mullooly Craig Richard Nadolny

Kunta Natapraya Victoria Oliva Padilla Michael N. Parke Ashish Harish Patel Ravindra R. Patel Christopher James Pellegrini Karen Lynne Pollaci Emmanuel K. Proheraris Lori Beth Radetsky Avesha Rasheed Charles M. Rauscher Patricia Araujo Rautert Chari Ann Reinstein Melissa Kim Rodko Timothy John Rooney Richard Alexander Sallustro Rajula Sati Petra Trudy Schleith Agaron A. Shamayev Cecilia V. Sheridan Tami Lynn Shine Arshi Siddigi Michelle Susan Slansky Lauren Slutsky Hugh Steven Song William R.P. Sperandio Jeffrey Martin Stein

- Mohammad Bagher Taghavian Song W. Tang
- \* Jonelle Antonette Taylor Kathy Ann Tempesta
- Susan Young U
   Diana Daniela Vaca
   Dorine Walls
- Mary Kathleen Watkinson Adam Seth Weintraub Michele Ann Werner Melissa A. Wild Steven Paul Wolf Yee Xie May Xue Lisa Ann Zorn

#### **Cardiorespiratory Sciences**

Francesca Grazie Accardi Nancy Alberto Melissa Karen Axelrod Reyna Lizzi Berroa Fred Brown III Robert C. Cattau Danielle Marie Cresswell Wendy Lee Glasser

Charles Paul Graham Mona Gulamhusein Angela Gutevich April D. Heptner Paul Anthony Jauregui Dana Jefairjian Robert Jones Fotini Kacinski Nila Katsev Ronald J. Krumholz Norma T, Leon Franseine Longmore-Scarlett Neill T, O'Connor John Vincent O'Halloran III Victoria J, Saia DawnMarie Santo Kevin Y, Shen Gerald Thomas Simons Kimberly Ann Spong

## Chemistry

Youngmi Ahn Myriam Almonor Matthew Bernstein Guven Necdet Cagil Patrick Joseph Carroll Douglas H. Carsten William Peter Farrell Yakov Gerzenshtein Brian Robert Glover Jennifer Michelle Graham Steven Hernandez Roger Benjamin Jestel Norman Anthony Johns Brian Edward Kaufman Vincent T. Le Felicia Dawn Malkiel Omar Mneimne Wilbur B. Nowall, Jr. Mari Nella Jorolan Olsen Sari Jayne Paikoff

Scott Michael Papa
Tanveer Jamal Qureshi
Thomas Eric Schneider
Elaine Marie Sciara
Anna Shabtai
Stacey Lee Shlachtman
John Charles Slater
Esther Jiwon Sue
Linda A. Sugrue
Shai Vaday
Oleg Zusin

## Comparative Literature Susanne Therese Weber

## **Computer Science**

Allan A. Adriano Abdullah Al-Mahmud John Anest

- \* Prashant Manilal Apatel Girish Arora Sanford L. Barr Clifford Eli Bohm
- \* Andrew Karl Busch Fung Chan Siu Ling Pumpkin Chan Wang Fong Chan Herman C. Chen
- \* Jian Wei Chen Whani Inwhan Cho Neophytos Savva Christodoulides

Steven Chu
Craig Andrew Coffey
Jacqueline Andrea Contros
Douglas Scott Corliss
Robert James Davidson
Sui Va Dip
Douglas Joseph D'Jay
Vincent Esposito
Darryl Edward Fountain
David William Fraser
Tong Gao

Tong Gao Stacey Golcer Jonathan David Goldstein Stanley F. Gregory Alexander Grinzayd Sandeep Shashikant Gupte Darryl Scott Hollar Ben Hom Robb Horn Ana Pervin Hossain Bernard Hsu Yaobin Huang Mohamed Esahack Ibrahim Samuel Inzerillo Timothy Bonnier Iseman Tun lie Michael Thomas Kassal Gerald William Katz Jacob Nien-Jih King Philip C. King Pavla Kun Cam Phung La Jae Won Lee Jenny Cheng Lee Kwan Leung Sung-Jin Lim Sarah Yutzu Lin Edward Loo Ricky Luo An Thanh Luu Alexia Chloe Marcous Michael Anthony Maresca Chen Meng Siming Meng Matthew David Moss John S. Muller Farshad Rakhamim Namdar Aheliya Naraindat Matthew S. Neiger Cheuk-Fù Ng Carl Oddo Gyun Jin Oh Alan Duc Luan On Curtis Sokmin Park Andrzej Patrosz John A. Quinn Farshad Rahmanan

William L Reilly

Igal Shenkelman

Robert Peter Signore

Nelson Edward Rodriguez

Wayne Paul Roessling, Jr.

Sean Francisco Smith
Caleb Sebastian Strockbine
Manka Sung
Terrence Russell Thorsen
Zsolt Vasvari
Fan Wu
Peter Wyckoff

Peter Wyckoff
Jie Xing
Guo-Bing Yang
Laura Haiyong Yao
Betsy Im Ping Yeung
Betty Yuen
Max R. Zhang
Tong Zhang
Henry Yi-Hua Zhou

#### **Earth and Space Sciences**

John Richard Bertuzzi III
Nicholas Christopher
Colangelo
Bernard Luc-Marie Courtines
Louis J. Guma
Michael A Neamonitis
Yasmin Pooyan
Anthony Jude Randazzo
Jayne Treacy St. James
Kenneth J. Sakson

#### **Economics**

Charwin Olajide Agard
Jeffrey Paul Agostino
Gary Luke Allicock
Qi An
Maximilien Beaux
Gary Michael Bell
Brenda Faye Bernstein
Craig Richard Bier
Matthew Antonino Bilello
Glenn Paul Bland

- \* Michael Philip Bocchino
  Fifi Athanassia Boussios
  Dino P. Bruno
  Thomas W. Buell, Jr.,
  Robert Joseph Burns
  Anthony Robert Cabrera
  Brian Andrew Cahalane
  Sharon Elizabeth Callanan
  Dean James Canning
  Tina Marie Carew
  Marie Elange Celestin
- \* Alvin G. Cepeda Do Young Cha Don Chi Chan
- \* Ho-Kwong Chan Lisan Chang
- \* I-Chiun Kathy Chen
- \* Jian Wei Chen Yan Chen Jerry Cheng Tit-Shing Cheng Ming-Lai Cheung Edward Chi Michael C. Chiarelli

Sandy Chin Wai Chin Byung Sun Cho Rajiv V. Chodhari

- Victor Chou Kimkwok Chu Thomas G, Colucci Laura Ann Conroy Michael Patrick Cooper Danielle Renee Debruce Deborah Ann DeMaio
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