

## DIVERSITY AWARD



New award honors Emile and Myrna Adams.

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## BALLET



Dancers from Eastern Europe come to Staller Center on Sat., Oct. 26.

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# UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

OCTOBER/NOVEMBER 1991

VOLUME 9 NUMBER 7

## FOCUS: STATE OF THE UNIVERSITY

# When *Money* Talks, Long Island Listens

## Ranked LI's 'Best Value,' University Posts Record Enrollments

By Dan Forbush

**A**s director of Institutional Studies, Ray Maniuszko is the university's chief numbers man. Campus offices send him data; he compiles the totals and disseminates them as needed.

With each new academic year, Maniuszko begins a 30-day enrollment watch, filing reports to SUNY Central at ten-day intervals. Last year, he had reported the largest enrollment in Stony Brook's history: 17,623.

This year, Maniuszko's first report on September 10 put fall '91 enrollment just short of last year's record. But registrations typically increase during the early weeks of a new semester. When he made his second report September 20, the totals confirmed his own hunch about the new year: 17,718 full- and part-time students had registered, 371 more than the university had projected and 95 more than had ever enrolled at Stony Brook before.

Gains in the enrollment of new undergraduate and transfer students were particularly impressive. For example:

- Undergraduate full-time enrollment, totalling 9,744, exceeded the university's projections by 448;
- New full-time matriculated freshmen, totalling 1,813, exceeded projections by 63;
- New full-time matriculated transfer students, totalling 1,290, exceeded projections by 180.

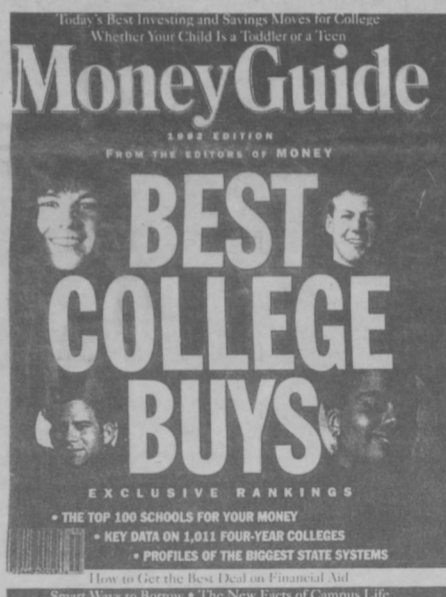
The new crop of freshmen also tested better than last year's. On the math SAT, for example, last year's incoming freshmen scored 71 points above the national average and 77 points above the state average; for this year's class, the differential is two points greater.

The new semester also established records in the graduate arena. Enrollment of new full-time graduate students reached an all-time high of 794, with 639 in the Graduate School and 155 in the School of Continuing Education. Total full-time graduate enrollment on West Campus reached its highest point ever at 2,282 — 132 over projections and 200 over last year. In the Health Sciences Center, enrollment of full- and part-time graduate students was 268 over projections.

### Applications Are Up

What happened? Most importantly, Stony Brook is increasingly being recognized by prospective students for the quality of its faculty and programs, notes Ronald Douglas, vice provost for Undergraduate Studies.

Dan Forbush is associate vice president for Public Relations.



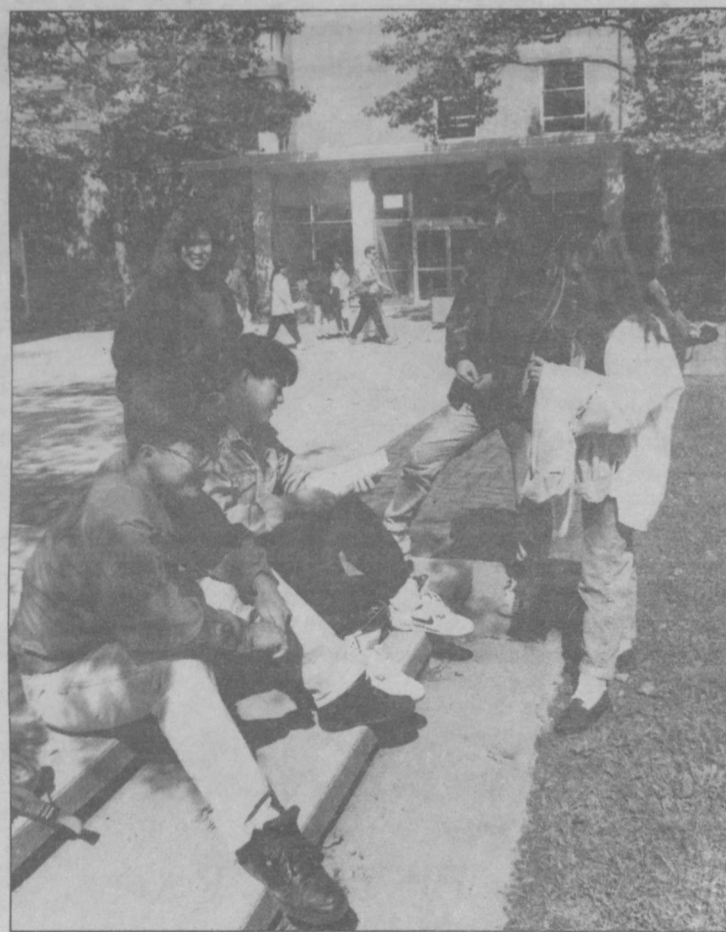
Moreover, that recognition of quality is also increasingly perceived as an element of the *value* Stony Brook delivers for the student's tuition dollar. Stony Brook's high ranking (14th among public universities) last fall on *Money* magazine's list of "best college buys" underscored that message, which has particular impact at a time of economic recession.

"Only one Long Island institution was cited by *Money*, and that was Stony Brook," says Douglas. "We gained important regional and national recognition for our strongest selling points: high-quality faculty and programs offered at a distinctly affordable price."

Due at least in part to the *Money* ranking, inquiries from prospective freshmen soared from 32,500 in 1990 to 47,000 in 1991. Applications from prospective freshmen increased four percent, from 10,834 to 11,200.

In its 1991 ranking, *Money* took its formerly separate lists of "best public buys" and "best private buys" and combined them in a single "top 100." In the combined ranking, Stony Brook was listed at 32, ahead of such elite private institutions as the University of Chicago (69), Columbia University (74), Stanford University (88), and MIT (98).

What's more, Stony Brook is still, by a longshot, the only Long Island institution — and the only public institution in the metropolitan New York area — to make the magazine's "top 100."



Fall, 1991: students gather in the sunshine of the Earth and Space Sciences plaza.

### Undergraduate Initiatives

Stony Brook's enrollment picture also has been improved by a series of initiatives geared directly at increasing the university's attractiveness to prospective students. Assisted by a \$60 million bond issue authorized for the State Dormitory Authority by the legislature, Stony Brook has begun a program of major renovations in its residence halls. In addition, the Physical Plant department has upgraded the university's landscaping and made substantial progress in addressing a backlog of deferred maintenance projects (See stories on pages 12-13).

At the same time, the Admissions Office has chalked up

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**USB Researchers Earn National Technology Award**

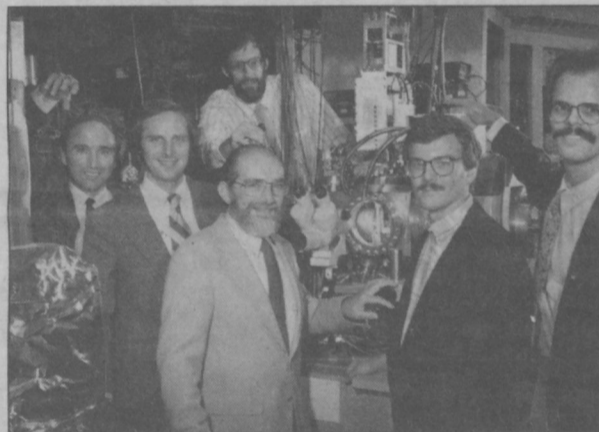
Stony Brook researchers Janos Kirz and Harald Ade are among this year's winners of "R&D 100" awards. The awards, given annually by *Research and Development* magazine, recognize the nation's top 100 technological advances of the year — typically, innovations that translate basic science into products.

Kirz, professor of physics, and Ade, physics research associate, were selected by a panel of 21 judges for their development of a high resolution scanning photoelectron microscope. The instrument is used to study the electronic structure and chemical composition of the surface of a substance, through the technique of x-ray photoelectron spectroscopy. Though the method had already been widely used to study materials, previous x-ray microscopes did not offer high spatial resolution — the ability to see whatever is placed under the microscope in extremely fine detail. The Kirz microscope allows scientists to see objects smaller than one ten-thousandth of an inch, opening new possibilities in surface and materials science.

Applications for the instrument include better analysis of semiconductor devices, composite materials and superconducting ceramics.

The new microscope was developed at Brookhaven National Laboratory's National Synchrotron Light Source, the world's largest synchrotron radiation center. Kirz and Ade were principal investigators, working with Steven L. Hulbert and Erik D. Johnson, Brookhaven National Laboratory; Erik Anderson, Lawrence Berkeley Laboratory; and Dieter Kern, Thomas J. Watson Research Center (IBM).

Now in its 29th year, the awards program was held September 19 at Chicago's Museum of Science and Industry. Award-winning entries will be displayed at the museum until late October.



The award-winning x-ray microscope was developed at Brookhaven National Laboratory in collaboration with researchers from Stony Brook, Lawrence Berkeley Laboratory and IBM's T.J. Watson Research Center. The collaborators are (from right) Harald Ade, Steven Hulber, Janos Kirz, Erik Anderson, Dieter Kern and (back) Erik Johnson.

**Center for Biotechnology Wins Seed Grants**

The names of 14 researchers awarded a total of \$487,107 under the 1991-1992 Seed Grant Award Program have been announced by the Center for Biotechnology.

The center's seed grant program, designed to support innovative medical biotechnology research in its early stages, is open to researchers from institutions throughout the state. Proposals are evaluated on their scientific and commercial merits by the center's seed grant review panel, comprised of representatives from the academic and business communities. Projects are approved for one year at a maximum of \$35,000, with the possibility of renewal for a second year.

Since its establishment eight years ago, the Center for Biotechnology has awarded over \$3,515,000 in seed grants to a total of 39 researchers. In turn, the funded projects have attracted private and government support of \$7,519,000, more than double the initial investment. In addition, the projects have spawned 49 invention disclosures, 20 patent filings and nine licensing agreements.

Of the seed grants awarded this year, ten are for new projects and four are for continuing research. The grant recipients for new projects are:

**Thomas Bell**, Department of Chemistry. "Luminophores for Fiber-Optic Oxygen and Glucose Sensors" and "Heavy Metal Biosensors."

**Michael Berelowitz**, Department of Medicine/Endocrinology. "Targeted Very Low Calorie Diet."

**Richard Hartwick**, SUNY Binghamton Department of Chemistry. "Improved Columns for Capillary Electrophoresis."

**Arie Kaufman**, Department of Computer Science. "Interactive Visualization of Volume Microscopy."

**Stephen Koch**, Department of Chemistry. "New Approaches to Metal-Polythiolate Based Therapeutic Agents: Cysteine-Rich Sequences of Nucleic Acid Binding Proteins and HIV Viral Proteins."

**David McKinnon**, Department of Neurobiology and Behavior. "Selective Potassium Channel Antagonists."

**Donald Oliver**, Department of Microbiology. "Isolation of *Borrelia burgdorferi* Antigens Implicated in Lyme Disease."

**Glenn Prestwich**, Department of Chemistry. "Chemical Modification of Hyaluronic Acid."

**Michael Viola**, Department of Medicine/Oncology. "Isolation of a Megakaryocyte Stimulating Factor."

**Eckard Wimmer**, Department of Microbiology. "Vaccine Production in Yeast."

Continuing projects being funded for 1991-1992 are:

**Cynthia Burrows**, Department of Chemistry. "Development of New DNA Cleaving Agents."

**Stanley Fields**, Department of Microbiology. "A Method to Improve the Binding Affinity of Monoclonal Antibodies."

**Steven Rokita**, Department of Chemistry. "Covalent Stabilization of Duplex DNA for Use in Oligonucleotide Probe Technology."

**Scott Sieburth**, Department of Chemistry. "Protease Inhibitor Design and Application to the HIV-1 Protease."

Special Insert

**PRESIDENT'S REPORT**

**1990-91: The Year in Review**

Also:

- Cultural and Social Outreach
- Economic Development
- Campus Life
- Milestones and Breakthroughs
- Management Initiatives
- Private Giving
- Faculty Honors



**Teaching:**  
Educating Students  
for a World Without  
Borders



**Research:**  
Exploring New  
Frontiers



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Services

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# Campus Honors Emile, Myrna Adams With New Award Celebrating Diversity

He thought it was for her. She thought it was for him.

"A ploy, and a successful one at that," grinned Dallas Bauman, chair of the university's Committee to Celebrate Diversity, recounting the ruse that produced a big surprise for Emile and Myrna Adams last month.

The popular Stony Brook husband and wife team found themselves summoned to the Staller Center Recital Hall stage during the September 11 President's Convocation, at which time they were given a plaque signifying the creation of the Emile and Myrna Adams Diversity Award. The presentation drew a standing ovation from a close-to-full house of faculty, administrators and students.

"Emile and Myrna are known to countless faculty, staff and students as caring, compassionate people who work tirelessly to make others' lives richer," said Bauman, assistant vice president for campus residences and chair. It was Bauman who announced the naming of the award and who made sure both Adams would attend the program.

Emile Adams is associate vice-president for Student Affairs. His wife, Myrna, who serves as associate provost for Affirmative Action Initiatives, also chairs OpenMind, a new national organization of faculty, administrators, graduate and professional students who are interested in promoting cultural diversity in higher education.

"We arranged for Myrna to be told that Emile was going to be cited for something during the convocation — and not to say anything. We did the exact same thing to Emile and extracted a promise that he wouldn't tell Myrna," said Bauman later of the steps taken to make sure both would be present to receive the award. The pair — who sat with co-workers on opposite sides of the auditorium — were completely surprised, to the delight of those in on the secret. The award, Bauman noted, was named "in gratitude for the Adams' enduring commitment to human dignity," a comment which drew warm applause.

The annual University at Stony Brook diversity award will be presented to a department or organization that has exemplified the spirit of diversity on campus. This year's award went to the Union Crafts Center, recognized for the wide selection of cultural exhibitions they presented throughout the past three years. Crafts Center Director Marcia Wiener accepted the honor.



**HONORED:** Emile and Myrna Adams receive a plaque from Dallas Bauman (right), assistant vice-president for campus residences and chair of the university's Committee to Celebrate Diversity, marking the creation of a new annual award which will carry their names. The first Emile and Myrna Adams Diversity Award was presented to the Union Crafts Center.

Emile Adams joined the university in 1975. He served as a founding board member of the campus' UNITE Cultural Center and was advisor to a number of organizations, including the Latin American Students Organization, Haitian Students Organization, Caribbean Student Organization, Minority Planning Board, Stony Brook Gospel Choir and African American Students Association. A mentor to young minority staff, Adams is widely regarded as historian of the progress of USB's minority community.

Myrna Adams joined the university in 1985. Responsible for development of a minority graduate student recruitment program, she has also organized a national conference on faculty's role in meeting the need for African American, Latino and Native American Scholars. In addition to her work with OpenMind, she has conducted national decision-making seminars for women.



Marcia Wiener receives first Adams Award, September 1991, from Dallas Bauman.

## Homecoming '91 Festivities Scheduled for October 16 - 20

Homecoming 1991, Stony Brook's four-day gala reunion for alumni, students, faculty and families kicks off Wednesday, October 16, with a Homecoming Spirit Parade. The event continues with a lineup of festivities through Sunday, October 20.

Highlighting Homecoming 1991 will be a Homecoming Street Fair and Carnival (Friday, noon to 6:30 p.m. and Saturday, 11 a.m. to 6:30 p.m.), career and college planning workshops (Saturday, 10 a.m.), the Homecoming Parade (Saturday, 10:30 a.m.), entertainment events (Friday and Saturday, 9 p.m.), the Walkers and Physically Challenged Race (Sunday, 9:45 a.m.) and the 5K Run for Scholarships Race (Sunday, 10 a.m.). See page 4 for a full schedule of events throughout the celebration.

Homecoming is the occasion for honoring outstanding faculty members and alumni at the annual brunch (Saturday, 10 a.m., at the Stony Brook Union ballroom). This year, President John H. Marburger will present the Alumni Association Distinguished Alumnus and Outstanding Professor awards, which will honor two professors and a record six alumni.

Professor Eleonore Zimmermann (French and comparative studies) will receive the Outstanding Professor Award, and Hugh Cleland (history) — now retired — will receive a special recognition award for his years of service to the university.

The six alumni awards will be presented to individuals who are, according to Alumni Affairs Director Ann Be-gam, among the best in their fields. Recipients are: Donald Earle Aylor (plant biologist), Theodore Eppenstein (securities attorney), John Hennessey (computer scientist), Martin Kreitman (evolutionary biologist), Andrew Policano (social scientist) and Carolyn Porco (astronomer). Policano is former dean for Social and Behavioral Sciences at Stony Brook.



Hugh Cleland



Eleonore Zimmermann

## SEFA/United Way Campaign Sets \$110,000 Goal

Stony Brook's 1991 State Employees Federated Appeal (SEFA)/United Way campaign is off and running. The campaign, launched on the East Campus on October 4 at with a Tree House Deli breakfast and on the West Campus October 7 with a University Club breakfast, extends through November 15. The campus goal is \$110,000.

"This is a particularly critical year, in light of current economic conditions," says Marilyn Zucker of West Campus Human Resources, who is serving as campus campaign chairperson. "We're hoping Stony Brook employees who have retained their jobs in light of recent cutbacks will step forward to aid those who have not been so fortunate."

The SEFA/United Way campaign makes that easy to do, Zucker says, because it offers a way for employees to donate to a variety of health and human service organizations whose resources are being taxed to the limit. "Though it's not our official motto, I like to think that this year through SEFA/United Way, Stony Brook employees will be able to 'liberate' their generosity."

It's a view shared by President John H. Marburger, who is serving as chairman of the United Way of Long Island's 1991 campaign.

Marburger is leading an aggressive 1991 United Way fund drive that underscores the special needs facing Long Islanders. In a United Way of Long Island campaign kickoff luncheon last month that drew more than 500 campaign workers and representatives from corporations, institutions and Long Island health and human service organizations, Marburger stressed the importance of in helping address the problems brought on by the recession.

On campus, Zucker — assisted by West Campus coordinator Rita O'Brien and East Campus coordinators Kathleen Desposito, Michael Maione and Dr. Martin Liebowitz — has been training delegates, campaign managers and captains in each vice-presidential division in effective fund-raising methods.

The SEFA campaign, run in conjunction with United Way of Long Island's annual drive, allows state employees from more than 40 governmental agencies on Long Island to support nearly 2,000 health and human service agencies in New York, some 200 of which serve the bi-county region. In most cases, contributions are made through payroll deductions. The minimum deduction is 50 cents a pay period or \$13 per year. The typical contribution at Stony Brook is \$5 per pay period or \$130 per year. Research Foundation employees can also contribute by making donations to the United Way.

Plans are afoot to expand the number of Pillars Club members on campus. The Pillars Club is an organization within United Way of Long Island for donors who contribute \$1,000 or more to the campaign.

Two USB-affiliated organizations, Stony Brook Child Care and the University Hospital Auxiliary, are among the agencies SEFA contributors can select for funding. United Way divides its contributions among more than 140 groups, from scouting organizations to health care facilities, which in turn benefit the Stony Brook campus community.

Last year, Stony Brook employees gave a record \$97,000 to the campaign.

## Veterans Plan Opening Ceremony for Nursing Home



The Long Island State Veterans Home will open with an official ribbon-cutting ceremony on Monday, October 28, at 11 a.m. on the grounds in front of the 350-bed nursing facility on the Stony Brook campus.

A committee of veterans from Nassau and Suffolk counties has been meeting regularly to plan the ceremony for the home. Governor Mario Cuomo will be the keynote speaker. Government officials, representatives of veterans organizations and members of the campus and community are expected to be on hand.

"We have been looking forward to this event for a very long time," says World War II veteran Jack Flatley, a key figure in the establishment of the home and a member of the committee planning the ceremony. Flatley explained that veterans and government officials have been working for almost 12 years to get the home built and that completing it required a unique partnership between state agencies, the New York State legislature and the federal government.

Plans for the opening ceremony include music by a military band, a color guard procession by all the branches of the armed forces and speeches by public officials. A military fly-by and tours of the facility are also in the works.



# HOME COMING

## OCTOBER 16, 17, 18, 19, 20

### SCHEDULE OF EVENTS

#### SATURDAY, OCTOBER 19

- 9:30 a.m. **Alumni Registration and Coffee**, until 2:00 p.m., SB Union Lobby
- 10:00 a.m. **Packaging the Person**, a career-planning workshop presented by Lynn Johnson, career development and training specialist, Human Resources, USB SB Union, Room 236
- Searching for the Right School**, a session with our Undergraduate Admissions staff on college planning and the admission process, SB Union, Room 237
- Alumni Association Distinguished Alumnus and Outstanding Professor Award and Parents Brunch**, SB Union Ballroom
- Campus Tours**, every hour on the hour, from SB Union Lobby until 2 p.m.
- 11:00 a.m. **University Hospital Tours**, also at 1:00 p.m., departing from the Administration Building
- 12:30 p.m. **Class of 1971 "Bring Your Own" Tailgate Party**. For details call Tom Galgano at (516) 365-9802, North P Lot
- Class of 1981 "Bring Your Own" Tailgate Party**. For details call Rich Zuckerman, Reunion Chair at (516) 742-1470, North P Lot
- 1:00 p.m. **Football Game** USB Patriots vs. Wesley College Wolverines, Patriot Field
- 3:30 p.m. **Alumni Departmental Reunions**  
 Art Alumni Reunion, Art Department Lobby, Staller Center for the Arts  
 Campus Residences/Residence Life Staff Reunion, Irving/O'Neill College Lobby  
 Economics Alumni Reunion, Social and Behavioral Sciences Building Lobby  
 Fortnight Alumni Reunion, End of the Bridge Restaurant, SB Union  
 Harriman School Alumni Reunion, Harriman Hall Lobby  
 Music Alumni Reunion, Staller Center Recital Hall,  
 Note time difference-2:30 p.m.

- Physics Alumni Reunion, Physics Building P-Level Lobby  
 Theatre Arts Alumni Reunion, Staller Center Main Lobby
- 6:30 p.m. **CED Alumni and Friends Reception**, Staller Center Art Gallery Lobby, prior to *A Midsummer Night's Dream*  
 For information about reception call Sandra Romansky, (516) 632-7050
- 7:00 p.m. - **Alumni Reunion Dinner Dance**, SB Union Ballroom  
 midnight with members of the classes of 1966, 1971, 1976, and 1981
- 7:00 p.m. **Class of 1986 Reunion**, End of the Bridge, SB Union
- 8:00 p.m. **A Midsummer Night's Dream**, Main Stage, Staller Center for the Arts  
 The Acting Company opens its 20th season with one of the Bard's best comedies.

#### SUNDAY, OCTOBER 20

- 9:00 a.m. **Registration for 5K Run for Scholarships**, Indoor Sports Complex Lobby
- 9:45 a.m. **Walkers and Physically Challenged Race Starts**
- 10:00 a.m. **Runners Race Starts**
- 11:00 a.m. **Homecoming Pancake Brunch and Trophy Presentation**  
 SB Union North Patio  
 A traditional brunch served by USB faculty and staff
- 7:00 p.m. **Blood Knot**, Main Stage, Staller Center for the Arts  
 The Acting Company

### HOME COMING REGISTRATION

Name \_\_\_\_\_ Degree Year \_\_\_\_\_  
First Maiden Last

Home Address \_\_\_\_\_ Phone \_\_\_\_\_  
Street City State Zip Home Business Fax

#### SATURDAY, OCTOBER 19

**Alumni Association Distinguished Alumnus and Outstanding Professor Award and Parents Brunch, \$15.00 per person**

No. attending \_\_\_\_\_ Adults \_\_\_\_\_ Children \_\_\_\_\_

**Campus Tours** No. attending \_\_\_\_\_ Circle time 10 a.m. 11 a.m. Noon 1 p.m. 2 p.m.

**University Hospital Tours** No. attending \_\_\_\_\_ Circle time 11 a.m. 1 p.m.

**Career Planning Workshop** No. attending \_\_\_\_\_ \$5.00 per person

**Admissions Program** No. attending \_\_\_\_\_ \$5.00 per person

**Class of 1971 Tailgate Party** No. attending \_\_\_\_\_ Adults \_\_\_\_\_ Children \_\_\_\_\_

**Class of 1981 Tailgate Party** No. attending \_\_\_\_\_ Adults \_\_\_\_\_ Children \_\_\_\_\_

**Alumni Reunion Dinner Dance, \$35.00 per person**

No. attending \_\_\_\_\_ Adults only, **Child Care, \$5.00 per child**

No. of children (over 3 years of age) \_\_\_\_\_ age(s) \_\_\_\_\_

**Class of 1986 Reunion, \$15.00 per person** No. attending \_\_\_\_\_ Adults only

#### SUNDAY, OCTOBER 20

**5K Run for Scholarships** (Look for application in Homecoming brochure.)

**Homecoming Pancake Brunch and Trophy Presentation**

Free for Runners. Spectators: \$5.00 per person

No. attending \_\_\_\_\_ Adults \_\_\_\_\_ Children \_\_\_\_\_

Please make checks payable to the Alumni Association and return with registration form to the Alumni Office, 441 Administration, University at Stony Brook, Stony Brook, NY 11794-0604. **No refunds after October 11, 1991.**

**For more information call the Office of Alumni Affairs (516) 632-6330.**

**The Barnes and Noble Bookstore** will offer a 10% discount on all logo items, Saturday, October 19th. Store hours noon - 4 p.m.

#### Special Alumni Discount at the Staller Center for the Arts

Discount ticket prices are \$20.00 and \$18.00 for both *A Midsummer Night's Dream* and *Blood Knot*.

Please make checks payable to the Staller Center for the Arts.

Enclosed is my check for \$ \_\_\_\_\_ for \_\_\_\_\_ tickets for *A Midsummer Night's Dream*

Enclosed is my check for \$ \_\_\_\_\_ for \_\_\_\_\_ tickets for *Blood Knot*

Tickets will be mailed until September 27, 1991. After that date, tickets can be picked up at the box office. Seating is limited, so please reserve early!

Requests for tickets and a **separate check** for Staller Center performances must be mailed to the Alumni Office with the Homecoming 1991 registration form and check.



# Minority Rights Advocate to Speak on 'Diversity and Democracy'

Blandina Cardenas Ramirez, educator and civil rights activist, will speak at Stony Brook on Wednesday, October 16, at 8 p.m. in the Recital Hall of the Staller Center for the Arts. Her talk, "Diversity and Democracy: Retrofitting Institutions for a Changing Civilization," is one of the Distinguished Lecture Series, sponsored by the Office of the Provost and *Newsday*. This lecture is also part of the university's celebration of Hispanic Heritage Month.

Ramirez is director of Minority Concerns for the American Council on Education and serves as one of the eight U.S. Commissioners on Civil Rights. She has maintained a lifelong commitment to education, children and individual rights.

From 1976 to 1986, Ramirez was director of Development at the Intercultural Development Research Association, a nonprofit organization dedicated to providing equal educational opportunities for all children. From 1977 to 1979, she was commissioner of the Administration for Children, Youth and Families in the U.S. Department of Health, Education and Welfare, by presidential appointment.

Ramirez earned a bachelor's degree from the University of Texas at Austin and an Ed.D. in Education Administration from the University of Massachusetts. Among her honors and achievements, she has received a Ford Foundation fellowship, a Rockefeller Foundation fellowship, the National Hispanic Woman's Institute award and the Human Rights Award from the National Education Association.

The next lecture in the series will be Barbara Garson, speaking on "The Electronic Sweat Shop: How Computers are Transforming the Office of the Future into the Factory of the Past," on Thursday, November 14, at 8 p.m. in the Recital Hall. Garson is a journalist, author and educator whose writing includes the political satire, *Macbird*, and the nonfiction study of labor in America, *All the Livelong*

## Distinguished Lecture Series



**Blandina Cardenas Ramirez**  
Wednesday, Oct. 16, 8 p.m.  
Director of Minority Concerns,  
American Council on Education  
"Diversity and Democracy:  
Retrofitting Institutions for a  
Changing Civilization"



**Barbara Garson**  
Thursday, Nov. 14, 8 p.m.  
Labor writer, educator,  
journalist  
"The Electronic Sweatshop:  
How Computers are Transform-  
ing the Office of the Future into  
the Factory of the Past"

*Day: the Meaning and Demeaning of Routine Work.* She has written over 150 articles, printed in *Harpers*, *Newsweek*, *Ms.*, *The New York Times*, and more.

Garson has won a Guggenheim Fellowship, a National Endowment for the Arts Fellowship, an OBIE award for her children's play, *The Dinosaur Door*, and the N.Y. Public Library "Books to Remember" citation for *The Electronic Sweatshop* in 1989.

All lectures in the series are free and open to the public. For further information call 632-7000.

## University Sets Diversity Themes for 1991-92

The university celebrates diversity throughout the year. Each month of the academic calendar is devoted to one or more special themes.

### A Guide to the Celebrations

#### October

##### Hispanic Heritage Month

"Hispanics: Past, Present and Future"  
See separate listing for details

##### Diversity of Lifestyles

Focusing on family life, choices at work and play, sexual orientation

#### November

##### Diversity of Academic Experiences

Exploring the wide range of educational options open to all

#### December

##### Diversity of Religions

Spotlighting the spiritual, philosophical and cultural experiences that religions offer

#### February

##### Black History Month

Celebrating the culture and history of all peoples of African descent as well as individual contributions to education, government, the arts, science and religion

#### March

##### International Women's Month

Highlighting the perspectives and contributions of half the world's population

#### April

##### Diversity of Cultures

"Focus on Europe"

Campus organizations and individuals are encouraged to plan programs that incorporate these monthly themes. An award is made each month by the Committee to Celebrate Diversity to the organization deemed to have presented the best program. For further listings, information about the competition and the themes, contact the Division of Campus Residences, G Quad; HSC Student Services, Level 2, Room 271; or the Department of Student Union and Activities, Room 266, Stony Brook Union.

To have an event included in the *Currents* calendar, send information to Gila Reinstein (632-9116), Office of News Services, 144 Administration, by the 10th of the month preceding the program. For *Electric Currents*, send information one week prior to the event via All-in-1 to CURRENTS (Joyce Masterson) or call 632-6084.

## University Sponsors Diversity Conference October 10

A conference on "Cultural Diversity: The Changing Mosaic" will be held Thursday, October 10, from 9:30 a.m. to 4 p.m. at the Marriott Wind Watch Hotel in Hauppauge.

The conference is a special program of Continuing Professional Education, sponsored by the School of Social Welfare.

Topics include ethnicity and health care; gay and lesbian issues; women, sexuality and culture; aging; terminal illness and cultural diversity; cultural diversity in foster care; and AIDS: an update on cultural diversity issues.

Panelists include Frances Brisbane, Ph.D., dean of the School of Social Welfare; Reginald Wells, associate professor at Stony Brook; Reginald Tuggle, director of community affairs at *Newsday*; Maurice Coates, MSW, manager of professional appointments and employment at Empire State College and Stony Brook lecturer; Sheila Page, director of community relations at Nassau Human Rights Commission; Sylvia Chelala, associate dean of Empire State College; and Joyce M. Alcober, human rights specialist, New York City Commission on Human Rights.

The fee is \$25. For more information, call the School of Social Welfare at 444-2138.

## In October, a Salute to Hispanic Heritage

Throughout October, the University at Stony Brook will celebrate Hispanic Heritage Month with lectures, films, art exhibits, merchants' days and performances.

Opening ceremonies were held Oct. 2, with proclamations from John H. Marburger, university president, and Patrick Halpin, Suffolk County chief executive, and a poetry reading by Louis Rivera.

### CALENDAR

**Wed., Oct. 2:** Opening Ceremonies Reception Stony Brook Union Fireside Lounge, 12:40 p.m.

Geoffrey Fox, "From Amadis de Gaula to Amanda Sabater: 500 Years of Soap Opera." Frank Melville Jr. Library, Humanities Institute, 4:00 p.m.

Geoffrey Fox, "Inventing America: 1492-1992." Distinguished Lecture Series, Staller Center Recital Hall, 8:00 p.m.

**Thurs., Oct. 3:** Anne Marie Keyes, RSHM, Philosophy Department, Marymount Manhattan College, "Nicaraguan Women: After the Revolution (1979)." Stony Brook Union, Room 236, noon.

**Sun., Oct. 6:** Bilingual Hispanic Liturgy. Old Chemistry, Peace Center, 5:00 p.m.

**Wed., Oct. 9:** Angel Campos, associate dean, School of Social Welfare, "Espiritismo in the Hispanic Community." Stony Brook Union, Room 236, 12:40 p.m.

Timothy Brennan, English Department, "Reporting on Central America: A Journalist's Experience." Humanities, Poetry Center, 4:00 p.m.

**Thurs., Oct. 10:** Merchants Day. Hispanic crafts and foods, Stony Brook Union, Fireside Lounge, noon -5:00 p.m.

Carmen Alicia Morales, *Turulette*, a two-act comedy. Stony Brook Union Auditorium, 8:00 p.m. Tickets, \$3.

**Fri., Oct. 11:** Merchants Day. Hispanic crafts and foods, Stony Brook Union, Fireside Lounge, noon -5:00 p.m.

**Sat., Oct. 12:** LASO Semi-formal. Stony Brook Union Ballroom, 9:00 p.m.

**Mon., Oct. 14:** Virginia Sanchez-Korral, Brooklyn College, "On Their Own: Historical Perspectives of Puerto Rican Women in the United States." Roth Cafeteria Building, UNITI Cultural Center, 4:00 p.m.

**Tues., Oct. 15:** Film: *El Sur*, Alternative Cinema, Stony Brook Union Auditorium, 7:00 and 9:30 p.m. Tickets, \$2 at the door.

**Wed., Oct. 16:** Panel on Hispanic Health Issues. Stony Brook Union, Room 236, 12:40 p.m.

Blandina Cardenas Ramirez, "Diversity and Democracy: Retrofitting Institutions for a Changing Civilization." Distinguished Lecture Series, Staller Center Recital Hall, 8:00 p.m.

**Fri., Oct. 18:** Inaugural Reception, "Art in the Service of the Community." Stony Brook Union Art Gallery, 2:00 - 5:00 p.m.

**Sat., Oct. 19:** Copacabana Night. Stony Brook Union Bi-level. Time TBA.

**Mon., Oct. 21:** Barbara Weinstein, associate professor, Department of History, "Women in Cuba." Old Chemistry, Peace Center, 4:00 p.m.

**Tues., Oct. 22:** Ana Maria Torres, director, HSC Student Services, Career Women's Network luncheon. Stony Brook Union Ballroom, noon.

Film: *The Exterminating Angel*, Alternative Cinema, Stony Brook Union Auditorium, 7:00 and 9:30 p.m. Tickets, \$2 at the door.

**Wed., Oct. 23:** Sandra Ruiz, executive director, Suffolk County Youth Bureau, "Hispanic Youth Issues." Stony Brook Union Auditorium, 12:40 p.m.

**Thurs., Oct. 24:** Hispanic Heritage Awards Dinner. Stony Brook Union Ballroom, 6:30 p.m. Tickets, \$10; students, \$5.

**Wed., Oct. 30:** Carlos Vidal, lecturer, School of Social Welfare, "Godparenting in the Hispanic Community." Stony Brook Union, Room 231, 12:40 p.m.





In the treatment room of the new radiation therapy facility at Brookhaven National Laboratory are staff from both the State University of New York at Stony Brook and BNL who are instrumental to its functioning. They are: (from left) Xuemin Ren, medical physicist; Noelwah Netusil, R.N.; Kari Johannesen, R.N.; Yat Lau, M.D.; Tae Park, M.D.; Ellen Paghidas, dosimetrist; Vivian Claeson, secretary; Georgiana Visceglia, R.N.; Lucian Wielopolski, Ph.D., physicist; and Ben Williams, radiation radiotherapist. (Netusil and Johannesen are from BNL.)

## New Radiation Therapy Facility To Serve East End Patients

The university and Brookhaven National Laboratory (BNL) have opened a radiation therapy facility at BNL to serve cancer patients from the East End of Long Island.

The facility houses a state-of-the-art Philips SL-25 linear accelerator — the latest generation of computer-controlled accelerators — which will provide the most sophisticated radiotherapy on eastern Long Island.

"Fifteen to 20 percent of University Hospital patients needing radiation treatment come from east of Brookhaven National Laboratory," said Dr. Tae L. Park, clinical director of the facility and assistant professor of radiation oncology at Stony Brook. "This will be a convenience for these patients."

The accelerator will also serve as a research tool for scientists at both institutions and a teaching tool for Stony Brook medical students and trainees.

"It is a powerful combination to have a cancer center located in an established scientific facility," said Lucian Wielopolski, University Hospital medical physicist and former BNL scientist.

The accelerator creates a fast-moving stream of electrons that can be used for cancer treatment. Park says there are several advantages to using the linear accelerator over cobalt therapy, another form of radiation treatment that is commonly used in East End hospitals.

"Linear accelerators are more powerful than cobalt machines so they can better penetrate tissues," he said. "Also, the beams are much sharper and better defined, minimizing side effects to surrounding normal tissues."

Another advantage is that patients can be treated at a faster rate, 30 seconds compared to 90 seconds with cobalt. As a result, there is less chance of error. Also, the linear accelerator is mounted on a frame which allows the physician to deliver multiple doses of low-level radiation at different angles. Certain cobalt machines only deliver radiation treatment to the front or back of patients.

Future applications for the accelerator include total body radiation, used with

increasing frequency for the treatment of widespread cancer and in preparation for bone marrow transplants, said Dr. Allen G. Meek, chairman of the Department of Radiation Oncology at Stony Brook. Another potential use is radiosurgery for brain tumors, in which a pencil-thin beam of radiation is directed at small, deep-seated tumors.

BNL scientists are working on several research projects involving improved methods for cancer diagnosis and treatment. They include boron neutron capture therapy for brain tumors, new ways to increase tumor sensitivity to radiation therapy, new imaging techniques to detect tumors at an early stage and new radiopharmaceuticals to improve diagnosis.

"At BNL, we have many research activities in the Medical Department which have the potential to offer improved diagnosis and treatment of cancer patients," said Arjun Chanana, senior BNL scientist who was instrumental in developing the joint project. "The idea is to put clinicians and researchers together to offer not only the best available treatment, but to develop new and improved cancer therapies."

## Conference Launches New Epilepsy Program

"Living With Epilepsy," a one-day conference, will be held Saturday, Nov. 2, from 9 a.m. to 3 p.m. at the Health Sciences Center Auditorium.

The conference will launch the Stony Brook Comprehensive Epilepsy Program for the diagnosis and treatment of epilepsy, which affects about 30,000 Long Islanders. Stony Brook's program is especially geared to people whose disorder is difficult to diagnose and treat. Suffolk County alone has about 1,500 patients in need of the program.

Dr. Jordan Cohen, dean of Stony Brook's School of Medicine, will present opening remarks at the conference. Harmon Putter, Ph.D., executive director of the Epilepsy Foundation of Long Island, will deliver greetings.

The program includes, "Epilepsy in

Children," by Dr. Mary Andriola, associate professor of neurology and pediatrics and director of the Stony Brook Epilepsy Program; "Update of Seizure Therapy," by Dr. Nicholas Lenn, professor of neurology and pediatrics at Stony Brook; a panel discussion that includes Angela Platti, mother of a teenager who had epilepsy surgery; "Epilepsy and the Mind," by William B. Barr, Ph.D., clinical neuropsychologist, Comprehensive Epilepsy Center, Long Island Jewish Medical Center (LIJ); and "The Role of the Comprehensive Epilepsy Center," by Dr. Neil Schaul, director of the Epilepsy Section at LIJ and consultant neurologist to the Epilepsy Foundation of Long Island.

The conference is sponsored by Stony Brook's Department of Neurology and the Epilepsy Foundation of Long Island. It is made possible by a grant from Parke-Davis, a division of Warner-Lambert Co.

Admission is \$5 per person, including lunch; \$10 for a family of three. Those interested may call the foundation at 794-5500.

## Hawkins to Head School of Allied Health Professions

Robert O. Hawkins, Jr., formerly associate dean of the School of Allied Health Professions, has been appointed dean pro tem of the school. He succeeds Edmund McTernan who retired after 23 years of service.

Hawkins came to Stony Brook in September 1969 with the founding of the school. He was appointed assistant professor in 1970, associate dean in 1971, associate professor in 1972 and professor in 1987.

His research interests include human sexuality and the relationship between sexual jealousy and self-actualization in men in homosexual and heterosexual relationships.

Hawkins has received numerous honors, including the SUNY/UUP General Excellence Award in 1990, Class of 1990 Faculty Honor Award from students of the Allied Health Professions and the SUNY/Stony Brook President's Award for Excellence in Equal Opportunity/Affirmative Action.

He is a member of the American Society of Allied Health Professions, American Association of Sex Educators, Counselors and Therapists, Society for the Scientific Study of Sex and American Educational Research Association.



Robert Hawkins, dean of allied health.

## Allstate Insurance Donation Aids Trauma Research

To help fund research designed to aid victims of severe injury, the Allstate Insurance Company Foundation has donated \$8,000 to the Division of Trauma at the School of Medicine. The donation will be used to purchase a Doppler Flow Meter, an instrument that measures blood flow.

"We are very pleased that Allstate is supporting this research in view of our mutual goals of better outcome and survival following motor vehicle accidents and injury," says Dr. Evan Geller, assistant professor of surgery and chief of the division of trauma. Researchers are studying both medication and treatment methods of resuscitation, Geller adds. The Doppler Flow Meter will help study hemorrhagic shock, a condition secondary to blood loss.

"Research conducted by the division of trauma is consistent with one of our foundation's major objectives — to save lives and reduce medical costs from injuries arising out of motor vehicle accidents," notes Allstate Regional Vice President Thomas Cruso.

Cruso serves as a member of the Dean's Council of the School of Medicine. The council is a 12-member advisory group established to assist University Hospital and the medical school in such areas as fund-raising, community relations and legislative affairs.

## Ophthalmology Department Designates New Chair

Dr. Patrick A. Sibony has been named chair of the Department of Ophthalmology in the School of Medicine. He joined the faculty of Stony Brook in 1982 and was named acting chair of the Department of Ophthalmology in 1987. Sibony is a graduate of Boston University Medical School and received his ophthalmology training at that institution. He received his neuro-ophthalmology training at the Pittsburgh Eye and Ear Infirmary.

## Associate Dean of Medicine Joins National Task Force

Pierce Gardner, associate dean for academic affairs at the School of Medicine, has been elected chair of the American College of Physicians' Task Force on Adult Immunization.

The task force is responsible for developing the college's "Guide for Adult Immunization."

## University Hospital Photo Contest

The University Hospital Auxiliary is soliciting entries now through October 25 for the fifth annual photo contest. The competition is open to all amateur photographers, who may submit 35 mm color slides, or 5"x7" or 8"x10" color prints for judging by a panel of members of the Auxiliary Photo Contest Committee and a professional photographer.

Contest rules and entry forms are available from the University Hospital Auxiliary, Level 5, Room 760, or by calling 444-2699. There is no limit on the entries any photographer may submit.

Winning entries will be laminated and put on display to enhance patient rooms and public areas of the hospital.



# SUNY in the Year 2000: A Framework for Planning

*SUNY 2000: A Vision for the New Century*, a report from State University of New York Chancellor D. Bruce Johnstone and the SUNY Board of Trustees, was formally adopted at September's monthly meeting in Albany.

The report, which articulates SUNY's vision into the next century, looks at where the state university system should be going — what its goals should be — with particular emphasis on seeing SUNY become a significantly greater player in meeting a wide range of New York State's critical needs and problems.

In his SUNY 2000 introductory letter, Trustees' Chairman Frederic V. Salerno said, "It is a vision we offer to the people of New York as our contribution to their future, an invitation to chart a course worthy of New York at the dawn of the next millennium." According to Johnstone, "SUNY 2000 presents a vision for the system, in brush strokes broad enough to embrace goals appropriate to all campuses. At the same time, it recognizes that SUNY is made up of individual campuses, each with its own history, mission, and aspirations, and it anticipates the next stage of the process, in which campuses will respond to this vision with their own plans."

University President John H. Marburger responded, "The *SUNY 2000* document will provide a useful framework for Stony Brook planning. More than any similar document in the past, this one addresses specifically the missions that make Stony Brook unique in the SUNY system. Graduate education, research, health care, and service to the community are extremely important to us, and *SUNY 2000's* goals in these areas are compatible with our own aspirations."

The report will be distributed to all full-time faculty in about a month.

SUNY, with 64 campuses and more than 400,000 students, is the nation's largest and most comprehensive university system. Campuses now will be asked to begin making *SUNY 2000* a reality by developing their own plans in response to the chancellor's and the board's vision.

The report was developed by a broad-based advisory committee representing students, faculty, campus presidents, council members and other SUNY officials who worked with the chancellor, the provost, and the Trustees' Ad Hoc Committee on *SUNY 2000*.

*SUNY 2000* identifies five major goal areas with a total of 70 individual objectives for the university. The five major goal areas are:

- Access
- Undergraduate Education
- Graduate Education and Research
- State Needs
- Management.

The goals detailed under State Needs are perhaps the most comprehensive and ambitious among all those cited: "The university cannot solve the major problems facing society but it can provide critical elements of a solution," according to the report. "SUNY's research capabilities can respond to state needs in such areas as homelessness, crime, poverty, AIDS, hazardous waste, and environmental conservation. Each area is a complex of many problems with human, cultural and economic dimensions. Solutions will involve scientific, technological and policy components and new faculty, facilities and research structures will be needed."

Johnstone, believing that SUNY can serve as an efficient resource for the state, has already asked key state agency officials to communicate what it is SUNY can do for them.

"*SUNY 2000* is a document with purpose and reach sufficient to challenge us all; yet it recognizes reality, particularly fiscal reality, and acknowledges SUNY's need to increase resources through continued good management and more non-state revenues," said Johnstone.



Undergraduate education is a major thrust of the *SUNY 2000* Report. Here, philosophy majors Shaireen Rashed and Shilpi Sinha pursue their studies in the shade of a tree by the Earth and Space Sciences building.

## Highlights from the *SUNY 2000* Report

The following is a summary of the report:

**Access:** SUNY must be able to challenge the best-prepared students, to assist the less well prepared, and to serve those constrained by personal obligations or by disabling conditions.

- The university must provide not only excellent instruction but also advising, tutoring and counseling programs of the highest quality.

- The limits of the under-prepared student must be stretched as creatively and effectively as those of the honors program graduate.

**Undergraduate Education:** SUNY must provide its undergraduates with a diversity and quality of curricula and a strengthened commitment to teaching and learning that are equal both to the challenges of the beginning of the next century and to the quality of undergraduate education anywhere in the nation. Each SUNY campus must identify and match the accomplishments in undergraduate teaching and learning of the leading national institutions of its type.

**Graduate Education and Research:** SUNY must seek to extend the frontiers of knowledge and the applications of research; SUNY must also advance its graduate and professional programs to the ranks of the very finest public research universities in the country. SUNY must ensure that New York produces, recruits and retains the faculty talent needed to lead its doctoral programs and research enterprise into the 21st century.

**State Needs:** SUNY must take the lead within higher education in New York State in addressing the public aspirations and needs of the citizens of the state and improving the quality of life for all New Yorkers through its contributions to workforce development, strengthening public education, health care, economic development, social welfare, environmental conservation, culture and the arts.

- In programs in which student demand exceeds capacity, such as physical and occupational therapy, program expansion will be necessary.

- In programs in which enrollments have fallen substantially in the last five years, such as medical laboratory technology programs, greater recruitment efforts will be needed to regenerate student interest.

- Teaching preparation programs must focus their efforts on increasing the numbers of teachers of secondary science and mathematics, special education, bilingual education, and foreign languages, especially Spanish.

- It is particularly urgent that campuses recruit and retain more Native, African and Latino-American candidates.

- Academic alliances, professional development schools, and partnership programs to reduce dropout rates already exist between individual campuses and local schools; they

must be refined and expanded throughout the system.

- SUNY must continue to be a leader in providing opportunities for adult learning, through workforce education specific to the needs of New York companies, new educational advantages, executive level seminars on advanced topics, and individualized educational programs for working adults.

- SUNY will increase its collaborative research activity with industry, both through bilateral agreements and through its technology advancement centers in key areas such as biotechnology, advanced materials, superconductivity, and waste management.

- Research centers at SUNY health science campuses, the multi-campus Great Lakes Research Consortium, the Atmospheric Sciences Research Center at Albany, the New York State Center for Hazardous Waste Management at Buffalo, the New York Sea Grant Institute based at Stony Brook, and the College of Environmental Science and Forestry are just a few examples of SUNY's research capabilities in areas ranging from acid rain to zebra muscles.

- SUNY should serve as a primary research arm of state government in environmental conservation and natural resource management.

- SUNY has an obligation to continue to bring its resources of education and training programs, facilities, and faculty expertise to bear on the enormous agenda of state needs in social services.

**Management:** SUNY must build a partnership between state and non-state sources of revenue. SUNY must also maximize the value of its resource base through ongoing productivity enhancement and bold, opportunistic leadership that sets priorities and is willing to make hard choices.

- SUNY cannot depend on huge infusions of tax revenues to fuel its drive for greatness by the year 2000. SUNY has no choice but to become part of the solution by substantially intensifying its efforts to acquire non-state resources and assuring that every dollar earned is out to the maximum possible utility.

- SUNY must develop a tradition of support that matches that enjoyed by the preeminent state universities of the Midwest and the West.

- The efforts (of the Graduate Education and Research Initiative) must be maintained so that scarce state funds can continue to be leveraged from non-state matching contributions.

- SUNY must work with state and local government to identify the appropriate shares of revenue support from general tax funds, local sponsors, and the students and parents who are able to contribute.

- SUNY must take the lead in developing performance indicators that capture the complexity of the academic enterprise and that assist in allocating resources in ways best suited to achievement of our academic goals.



# Materials Science: Stony Brook's New Frontier

**S**tony Brook is pioneering new materials for the technologies of the 90s and beyond. The university's growing stature in the fields of materials science, chemistry, applied mathematics and physics and applied geoscience already can be measured by the rising number of externally-funded research projects now underway and the growing visibility of Stony Brook as a center for such research.

## New Markets for Thermal Spray Research

The U.S. Army Corps of Engineers has made a three-year commitment, worth over \$1 million, to create a center for infrastructure maintenance and repair at Stony Brook's Thermal Spray Laboratory (TSL).

The principal focus of the project will be to develop automated thermal spray techniques to protect bridges and other infrastructure against corrosion and erosion. The coatings would be an alternative to paint.

Thermal spray techniques, advanced by USB researchers, bond a protective coating to metals and other materials by both propelling and melting the coating material at very high temperatures. The USB facility is the world's leading noncommercial thermal spray research laboratory.

The infrastructure center, intended to be a university-government-industry consortium, will be managed by the Department of Materials Science and Engineering. It will also include the Port Authority of New York-New Jersey, the U.S. Navy, Columbia University, Rutgers University and departments of transportation from several states.

"The [commitment] represents a breakthrough for our laboratory in that it will place us in the vanguard of a highly effective technology, which will influence the future maintenance of the civilian and military transportation infrastructure," says Herb Herman, co-principal investigator of the project and professor in the Department of Materials Science and Engineering.

The TSL also has received a contract from Caterpillar Inc. of Peoria, Ill., to develop thermal spray coatings for diesel engines. The coatings are applied to the inside of an engine so that it can operate at a higher temperature and burn fuel more efficiently than ever before. Caterpillar

manufactures diesel engines and heavy construction equipment.

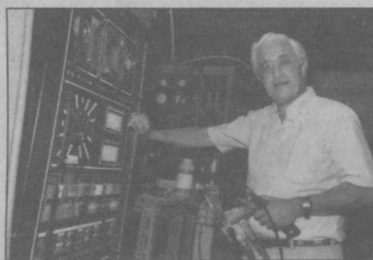
"Our primary aim is to introduce the technology into high manufacturing industries," says Chris Berndt, associate professor in the Department of Materials Science and Engineering, who is also co-principal investigator of the Army Corps of Engineering contract.

The TSL, along with other outside research organizations, is adapting the technology so that robots can apply the coatings using a specialized spray gun.

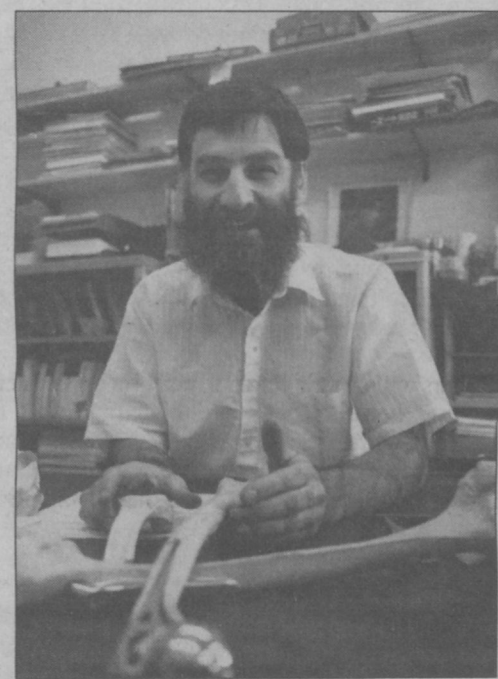
Berndt is also developing so-called biomaterials to improve the durability of prosthetics. He says the current "bone cement" used to affix artificial hips to natural bone just doesn't stick well. It also has other engineering and biological disadvantages.

Berndt has converted a synthetic ceramic called hydroxyapatite into a powder that can be sprayed onto a prosthesis. Because the substance has the same chemical makeup of natural bone, the natural bone grows into the artificial bone.

"This is an alternative, high technology way of doing the same job as 'bone cement'," Berndt says. "But the advantages are that stability and fixation are improved and you get a better value product."



MAXINE HICKS  
Herb Herman uses thermal sprays to fight erosion.



MAXINE HICKS  
Chris Berndt is engineering improved thermal spray coatings for industrial devices.

Eventually, Berndt hopes to develop "intelligent" materials, which change characteristics over time. One way would be to make the coatings porous. "What we're aiming for is long-life coatings."

—Wendy Alpine

## Unmasking the Secrets of Superconducting

The Institute for Interface Phenomena, says director Michael Gurvitch, has been guided by the same basic mission since its creation in January 1990: to fabricate and more fully understand devices and materials important to electronics, especially superconducting electronics.

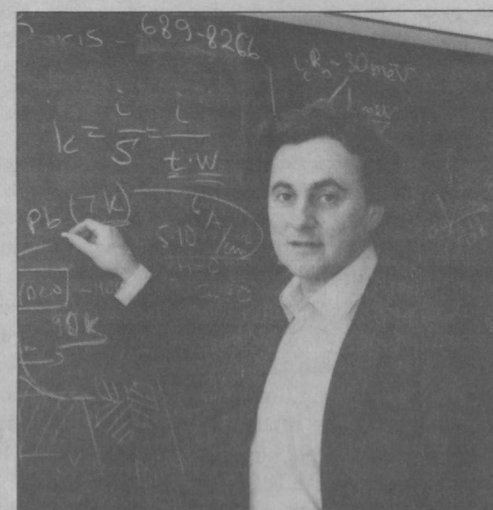
The 17-member Institute — made up of faculty from Stony Brook's departments of Physics, Chemistry, Earth and Space Sciences and Materials Science and Engineering — is now in the second year of a three-year grant from the Defense Advanced Research Projects Agency (DARPA.) The \$630,000 DARPA award, administered by the U.S. Department of Defense's Office of Naval Research, is funding research on artificial Josephson junctions in high-temperature superconductors. Josephson junctions are devices through which a superconducting current flows in an unusual way. Unlike other superconducting currents, those associated with a Josephson device are extremely sensitive to magnetic fields and microwaves.

"This means the current can be controlled much more easily than in a regular superconducting device," explains

Gurvitch. "Making useful high-temperature, superconducting Josephson devices is essential in this type of electronics."

Stony Brook's Institute has joined the Consortium for Superconducting Electronics, which also includes the Massachusetts Institute of Technology, AT&T Bell Laboratories, MIT's Lincoln Laboratories, IBM, Boston University and Cornell University. The consortium has awarded funds to three Institute faculty — \$100,000 to Gurvitch, \$150,000 to Konstantin Likharev, and \$75,000 to James Lukens to work on superconducting research.

The arrival of Likharev at Stony Brook this past year has augmented the research strengths of the Institute, says Gurvitch, and presented new opportunities. The former director of the Laboratory for Cryoelectronics at Moscow State University has been credited with creating the new field of single-electronics in the mid-1980s. To support the work of Likharev, visiting faculty member Vasily Semenov, and others, the Institute hopes to receive \$1.7 million each year for the next several years from the Department of Defense as part of its new University Research Initiative to



Michael Gurvitch, director of the Institute for Interface Phenomena, works with superconducting electronics.

promote the development of very fast digital superconducting computing.

The Institute has also just begun a collaboration with Ioffe Institute in St. Petersburg to develop new metal-insulated transition material devices.

—Sue Risoli



## How Buckyballs Get Their Kick

If there were a material of the year, buckminsterfullerene would be it.

Affectionately dubbed "buckyballs" for their soccer-ball shape, these molecules of a previously unknown form of carbon thrilled scientists, who found themselves exploring a completely new area of organic chemistry. Helping fuel the research explosion that followed was a discovery by Stony Brook physicists Peter W. Stephens and Laszlo Mihaly, reported in the June 20 cover story of the journal *Nature*.

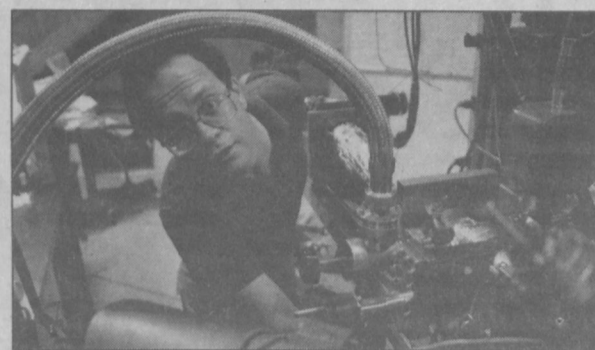
Working with a team of scientists from the University of California Los Angeles and the State University of New York at Buffalo, the researchers were the first to identify the structure of a form of buckminsterfullerene (named for architect R. Buckminster Fuller's geodesic domes) that had superconducting properties. The buckyballs had been mixed, or "doped," with potassium, enabling them to carry electricity without resistance at very low temperatures. (This superconducting version had been discovered several months earlier by AT&T Bell Laboratories.) The Stony

Brook physicists identified the exact positions of potassium and carbon atoms in the superconducting mix by using the National Synchrotron Light Source at Brookhaven National Laboratory.

Now that they know the structure, Stephens and Mihaly can begin to determine why the material has superconducting properties. Their results, they say, open the door to studying a whole new family of superconductors.

They are now looking at several other materials such as rubidium mixed with carbon-60 (the most common, 60-atom version of buckminsterfullerene). Stephens and Mihaly recently observed its structure, in a discovery made independent of the same finding a week before at AT&T Bell Laboratories. "Rubidium has the same structure as the potassium phase for the superconductor," Stephens reports.

Though scientists are enthusiastically plunging into the uncharted waters of buckyball studies, Stephens cautions that seeking applications for the ongoing, basic research "is a bit preliminary right now. When you're working on something, applications ideas come after you've looked at



Peter Stephens, with fellow Stony Brook physicist Laszlo Mihaly, helped identify the structure of a form of buckminsterfullerene.

the material sufficiently." But, he predicts, "from today's undirected basic research eventually will come development of applications."

—Risoli

## In this Lab, Extremes are the Norm

How do researchers determine the characteristics of new materials, particularly how they will react to extreme temperatures and pressures? One way to find out is to simulate these conditions at Stony Brook's high pressure research laboratory.

The facility was designated a Science and Technology Center for High Pressure Research earlier this year by the National Science Foundation. Stony Brook was selected as the lead institution for the center, which is also operated by Princeton University and the Geophysical Laboratory of the Carnegie Institution of Washington. The three institutions are matching the NSF allocation (\$1.5 million this year, with a commitment of \$2 million more annually for a minimum of four years) with a total of \$1 million per year.

Researchers will use the center to perform experiments under conditions that duplicate pressures and temperatures found thousands of kilometers beneath the Earth's surface. Their findings could be utilized to create and analyze new materials such as better ceramics, superhard substances and materials with superconductive properties that are of interest to industry.

High pressure center Director Donald J. Weidner, Robert C. Liebermann, professor, earth and space sciences, and their research group are already collaborating with General Electric, Dupont, Exxon and IBM, "and with the support from the NSF, we'll expand those collaborations," said Weidner. The Stony Brook scientists are also considering using General Electric's diamond aggregate product as a starting material for experiments. "The pieces

in our equipment are big and chunky, and it's hard to get diamond materials that are compatible with that machinery," says Weidner. "We're in early stages of discussion with GE on how we can use their product to help us go to higher pressure in our experiments."

Knowledge of the physical and chemical properties of minerals and rocks under deep-Earth conditions is also helping the researchers answer basic questions about earthquakes, volcanoes, and the growth of continents. They recently investigated whether there are seismic "discontinuities," or changes, in the Earth's mantle region at a depth of 520 kilometers down similar to those at the 700-kilometer mark. Working with scientists S. Rigden and I. Jackson of the Australian National University, the Stony Brook group searched for a change in the mineral olivine, found in the planet's interior. "We didn't find one, so we know that's not causing the discontinuity," says Liebermann. "Now we'll look for other possibilities that could cause a discontinuity in the mantle."

—Risoli



Donald J. Weidner, director of USB's Center for High Pressure Research.

## Taking the Bite out of Corrosion

The field of materials science plays an important role in developing new ways to protect the environment. Currently, Department of Materials Science & Engineering Chairman Clive Clayton is focusing on one important aspect of waste management: the disposal of uranium in a way that won't harm the groundwater.

Working with scientist A.J. Francis at Brookhaven National Laboratory, Clayton is studying the bacteria *Chlostridium sp.*, which, the scientists have found, can absorb uranium. By interacting with the bacteria, uranium can change from a soluble and mobile state — capable of leaching into the aquifer — into a more manageable, insoluble and stable form. The bacteria permit uranium waste to be transformed into a state that is conducive to safe and easy disposal.

The uranium study is being carried out with x-ray photoelectron spectroscopy, a technique that analyzes the surface chemistry of materials.

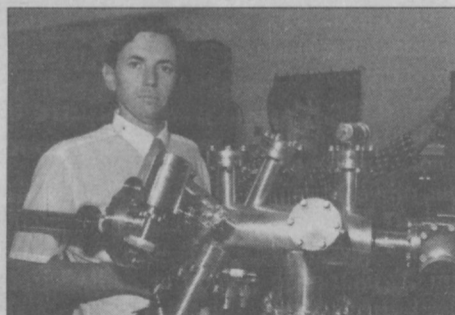
Clayton is using electron spectroscopy for two additional studies: the improved design of stainless steel to make it more corrosion resistant and, in an extension of that study, a look at how certain bacteria attack even the most corrosion-resistant systems.

The study of stainless steel is being funded by the Office of Naval Research. The aim is to find ways to improve corrosion resistance by using American-based, readily available resources. Clayton has found that by electroplat-

ing nitrogen onto molybdenum-bearing stainless steel, he can examine the complex functions of nitrogen in improving the corrosion resistance of the alloy. In the end, his research will generate a tougher product that can be used in electrical and mechanical equipment.

The bacteria study tackles a problem often found in such equipment as coolant systems in nuclear reactors. "There has been more recent understanding that even the most corrosive resistant systems are susceptible to chemical attack by certain bacteria," says Clayton. This aspect of the research focuses on an analysis of how the bacteria react with alloys.

—Carole Volkman



Clive Clayton, chair of the Materials Science & Engineering Department, works to make stainless steel more resistant to corrosion.

## Fooling Mother Nature

Since it's not nice to fool Mother Nature, Phil Allen is making it easier for scientists to formulate new materials without perturbing the natural order of things.

When researchers set out to make a new compound by mixing two different elements, explains Allen, sometimes the two components remain separate — like a mixture of oil and water. "In order to get all the atoms into their proper places and have them stay there — what we call a thermodynamically stable compound — you sometimes have to 'trick' Mother Nature into allowing the atoms to behave as you want them to," he says.

Allen, a solid state/condensed matter physicist, is looking at better ways for scientists to predict whether the compounds they make will "behave" as they intend, or whether nature will need some coaxing. "When we already know the crystal structure," he says, "we can make fairly good guesses about properties of materials. But so far we have little ability to predict what the crystal structure would be in a new compound, or whether it would have a stable solid phase."

He is developing new techniques of computer simulation in which the computer imitates the way a chemist or metallist would actually work with a material. One of these methods simulates "annealing," the process of heating a material to very high temperatures so its atoms move into their stable positions, then cooling it very slowly.

This work, being done with Stony Brook post-doctoral researcher Renata Wentzcovitch and student Jeff Althoff, is aimed at solving the task of "optimization": finding the lowest energy state of a material.

Allen is a theorist who finds the proliferation of new materials being created and analyzed at Stony Brook and elsewhere, "a challenge for those interested in making predictions about their properties." Using calculations, he tries to explain such physical properties of matter as superconductivity, electrical resistivity and heat conductivity. He is trying to determine what makes the recently discovered copper-oxide and carbon-60 ("buckyballs") materials such good superconductors. Amorphous, or glassy, materials present interesting problems for theoretical analysis, he says, and Allen is attempting to understand how the material, amorphous silicon, conducts heat.

"One of the dreams of materials scientists is to try to design new materials to previously unavailable specifications," says Allen. "But many of the properties of these new discoveries have never been studied. That's what I try to do."

—Risoli



Physicist Philip Allen develops computer simulations to study the properties of new materials.



# 'Winning the Game' in The Undergraduate Arena

Ronald Douglas launched the calculus reform movement.

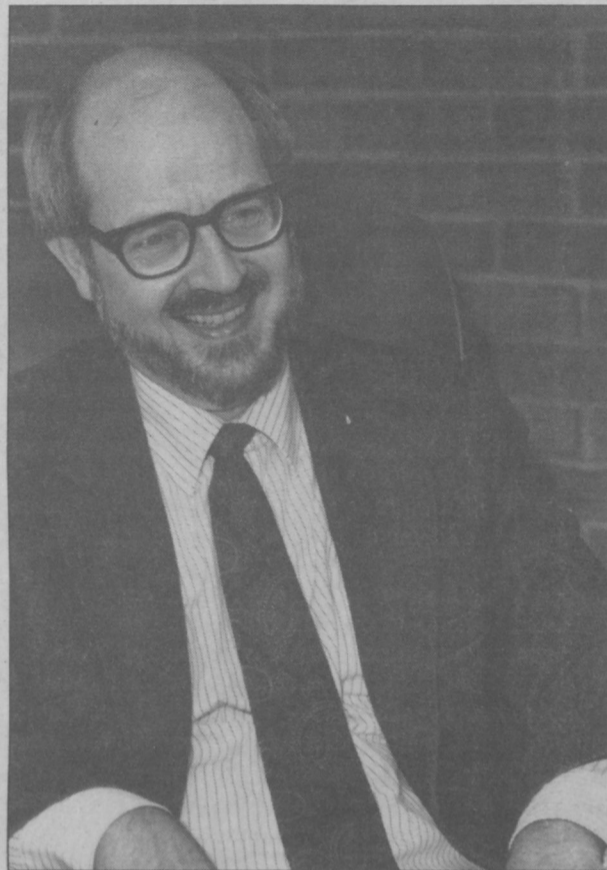
Now he's out to transform undergraduate education

Since arriving at Stony Brook in 1969, Douglas has served as chair of the Department of Mathematics and dean of the Division of Physical Sciences and Mathematics. Along the way, he was appointed to the National Research Council's Board of Mathematical Sciences. In 1986, he organized the first conference on reforming the teaching of calculus.

Last September, Douglas was named vice provost for Undergraduate Studies. His interest in the position was piqued directly by his involvement in calculus reform.

"The more I looked at what was going on with the teaching of mathematics at the college level, the more interested I became," says Douglas. "I saw that in most instances, one had a dedicated and interested faculty, often putting forth a lot of work, not feeling appreciated, not feeling that they were accomplishing anything, and in many cases at cross purposes with the students. When I looked around, I discovered this wasn't particular to mathematics."

Recently completing a sabbatical that took him to such distant reaches as Denmark, Turkey and Australia, Douglas is now back on the campus and tackling initiatives that include strengthening academic advising, expanding the university's scholarship programs and establishing additional living/learning centers. *Currents* caught up with him just as the numbers reflecting Stony Brook's record enrollments were coursing through the campus' electronic mail network.



Ronald Douglas

PHOTO BY MAXINE HICKE

**CURRENTS:** This year the university not only met, but exceeded its target enrollment for the entering freshman class. What does this signal for the university?

**DOUGLAS:** It's difficult to be precise as to exactly why it happened. If you look around, if you know what has been happening at Stony Brook for the last few years, you see a campus that looks a lot better. You see a campus that has flowers, a campus where the grass is cut. These are the visible signs of improvement. Looking deeper, Student Affairs is working better, residence halls are working better, Admissions has been computerized and is functioning better. You also see Undergraduate Studies — my office — functioning better, providing additional services and activities. And most importantly, you see a faculty paying more attention to the undergraduate program.

The overriding factor — which I won't ignore and I don't want to diminish — is the economic situation, especially on Long Island. But I think it would be a mistake to believe it's the only factor. We were poised to take advantage of that situation, prepared to welcome and accept students who want to come to Stony Brook.

**CURRENTS:** What do you think this means for recruitment in the future?

**DOUGLAS:** Here's the message I have been delivering to anybody who will listen, and in particular to deans and chairs, asking them to take that message to the faculty, to the people who are teaching freshmen, to the people in my office, to the people in all offices on campus:

The most important source of information that students use about where to go to college comes from the students that are already at the college. Students tell their brothers and sisters, their teachers in high school, their high school guidance counselors and their parents what they think of the college or university they attend. If they're happy, if they think they're being well treated, that the faculty wants them, that they're getting a good education, they will communicate it. And then more of the students coming after them will want to go to that university.

Now, you can take out full-page ads and even television spots, but you're playing catch-up. If you want to use a sports analogy, the game is won or lost by what's happening to the students that you presently have. Right now we have a very large number of the kind of student we want at Stony Brook. If these students believe that they're being well served, their younger brothers and sisters and

their colleagues will follow them — whether there's an economic reason for that or not.

**CURRENTS:** As you know, *Newsday* has conducted a survey of SUNY faculty, the results of which will be published in an extensive series on SUNY later this fall. While *Newsday* hasn't revealed the complete results, we're told that Stony Brook faculty rated the quality of the faculty as SUNY's greatest strength and the quality of students as its greatest weakness. What do you make of that?

**DOUGLAS:** I agree that the quality of the faculty is the greatest strength of Stony Brook. As dean of Physical Sciences and Mathematics, I was impressed with the excellence of the faculty in those departments. As vice provost, exposed to and getting to know more and more faculty in other departments, I've grown even more impressed. I believe the excellence of our faculty is recognized around the country and around the world: the faculty at Stony Brook places us in the ranks of the top research universities. It's our faculty that makes Stony Brook an unofficial "flagship" for the SUNY system.

The faculty's perceptions about the student body are a bit complicated. There are few public universities where the faculty doesn't believe that the students they now have are less prepared than students used to be in years past. This is a common complaint, a complaint that goes back a long ways, but is especially pointed in the last decade. The common belief is that the best students always go somewhere else. If you were to conduct that survey at other public research universities, you'd find the faculty saying the same thing.

**CURRENTS:** How about, "Students aren't as good as they used to be?"

**DOUGLAS:** Another cliché. The differences mask true abilities and qualities, and the faculty doesn't always see this. It's been my experience over the past few years that any time faculty members work with small groups of students, when they've actually gotten to know the students, they inevitably say to me, "Wasn't I fortunate that I didn't get a run-of-the-mill group? That I got such a motivated, articulate, interested group?" It's not that these students were specially selected, it's that the faculty person had the chance to get to know them. It is true that we do not get the best students at SUNY, using S.A.T.





Kecha Lynshue, a student at Freeport High School, assists graduate student Chris Kushmerick in his research involving frog eye cells during a summer program to recruit high achieving minority students to Stony Brook.

scores as the measure, and the faculty is disappointed.

In many ways it is a mistake to base too much on those scores. At Stony Brook we have a lot of students for whom the S.A.T. scores are a very imperfect measure. For example, a high percentage of our students are first generation in their family to go to college. We have a very large percentage of minority students for a major research institution. Many of our students come from low income families, from what I've called "the other Long Island." The Long Island that one usually thinks of is affluent, white and well educated. Our students come from families disproportionately in the "other Long Island" — which I think is good. Stony Brook provides an opportunity for these students to obtain a quality education at a quality university and at a price they can afford. We are doing what a public research university should be doing — providing opportunity.

**CURRENTS:** What priorities have you established for Undergraduate Studies?

**DOUGLAS:** One of the initiatives (which I didn't start) is increasing faculty involvement in advising students. The chief vehicle for this is the one-credit course, SBU 101, taught by faculty and staff. This course is an opportunity for incoming freshmen to find out what Stony Brook has to offer and what college, in general, is for. The last three meetings involve individual conferences to help students choose courses for the coming semester. Our goal is to have all freshmen take SBU 101. Currently about 50 percent either take the course or have some kind of academic counseling in addition to what is offered by the Center for Academic Advising.

The purpose of this is twofold. First, it will give the students access to a faculty person, someone to talk to, to tell them what Stony Brook is like, to turn to for help. Second, it will let the faculty get to know the students better. My belief is that they will see that these are bright, motivated students who have largely the same aspirations the faculty had when they were undergraduates. Then they will be better able to tailor their courses to meet the needs of the students.

Another goal we have set is to work with Admissions to increase the number of high achieving students who come to Stony Brook. Working with Theresa LaRocca-Meyer and Gigi Lamens, we want to bring in more academically competitive students. We plan to recreate the Freshman Scholars program — recreate, because we had a program up to the mid-80's called "Freshmen Incentives." If everything goes right, we will start the program this year.

We want to increase the number of students who take advantage of the URECA (Undergraduate Research Experience and Creative Activities) program, providing funding year-round for projects. During the last few years, we've sought successfully and obtained outside funding

for such students in the sciences. I would like to increase the external funding and make it available year-round in all disciplines.

The Honors College is now in its third year. We would like to see the number of students brought up to 200. We have four Living/Learning Centers and we'd like to add a new one every year. The most recent addition is a French and Italian Living/Learning Center. We can expand with more language halls and programs in environmental studies, biological and medical sciences, and more. If done right, these create a community that is social and scholarly, based on shared interests.

**CURRENTS:** Have you brought in any new personnel to carry out these goals?

**DOUGLAS:** We have just hired a new associate vice provost for Undergraduate Studies and Special Programs, Ernest McNealey. McNealey was former academic vice president at Claflin College in Orangeburg, South Carolina. Claflin is a historically black institution. His position here will involve programs not only for minority students, but like URECA, programs for all undergraduates. One of his challenges will be to try to obtain more external funding for programs at Stony Brook.

**CURRENTS:** Are you involved in any projects for members of the faculty?

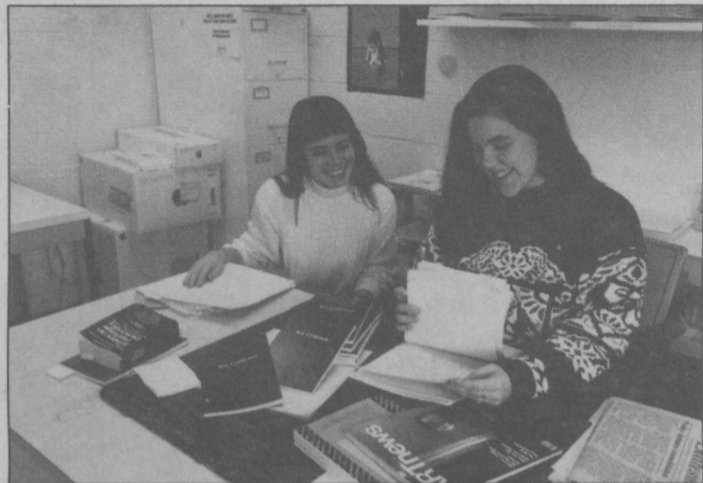
**DOUGLAS:** It might at first seem peculiar that a vice provost for Undergraduate Studies would feel that this was his responsibility, but faculty development is central. Stony Brook is a relatively young university, and so we haven't gone through all the stages of life for our professoriate. A good many of us hired in the 60s and 70s are now the older generation, without mentors to look to as the model for career development as we go through the various stages. Many of our faculty have proceeded from giving full attention to their research and scholarship to a point where they take an increased interest in the students and want to give something back to the university.

Faculty development should emphasize the tenured members, full professors and associate professors, who

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*"Stony Brook provides an opportunity for students to obtain a quality education at a quality university and at a price they can afford. We are doing what a public research university should be doing — providing opportunity."*

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Undergraduates Christine De Fazio and Jennifer Roe work on Stony Brook's journal, *Art Criticism*, as their URECA project.

have been here 10 or 15 years. One tentative program in the works, involving Bob Boice, director of FISO (Faculty Instructional Support Office), will pair professors in different disciplines. They will sit as students in each other's classes. The paired faculty will get together and the person acting as the student will react to and tell the other what it feels like to be a student in his or her class, what works and what doesn't. The intent is to make teaching more interesting and provide the person attending the class the opportunity to learn something in a different field.

The Federated Learning Communities is up and running again this year, after a temporary shutdown. Ted Goldfarb is the master learner, and the theme is "Global Problems and National Priorities." The program involves between 25 and 30 students. There is a seminar run by the master learner and attended by students and those faculty members who teach the other three courses in the program. This program not only provides specialized learning for the students involved, it offers faculty development, a chance to talk and learn about subjects a little bit removed from their specialties.

**CURRENTS:** One last question. You were formerly dean for Physical Sciences and Mathematics. What attracted you to Undergraduate Studies?

**DOUGLAS:** I saw this position as a challenge. I've always been intrigued by challenges. Part of it comes from my efforts at calculus reform that began about six or seven years ago. The more I looked at what was going on with the teaching of mathematics at the college level, the more interested I became. I saw that in most instances, one had a dedicated and interested faculty, often putting forth a lot of work, not feeling appreciated, not feeling that they were accomplishing anything, and in many cases at cross purposes with the students. When I looked around, I discovered that this wasn't particular to mathematics.

The area that's probably the most important to Stony Brook at the present time is increasing the quality of undergraduate education — and I believe that the pendulum nationally has swung in that direction also. If you want to use jargon, it's where the action is. The challenge is, can I do something? And the answer is, I hope so.



# Residence Hall Facelift: First Step in a Long-Term Makeover

## From Henry To Hendrix

Some maps call it "Henry," others say "Hendrix." The Stony Brook Directory diplomatically lists it as "Henry (Hendrix)." Nobody knows exactly when the changeover began, but sometime back in the 70s the students began calling Henry College residence hall "Hendrix," and the name stuck.

Today many people assume the residence hall was named for rock musician Jimi Hendrix who died in the early 70s, but it's not the case.

So who was Henry? And what's the college's real name?

The official name of the hall is still Henry College. Opened in the late 60s, it was named for a 19th century physicist, Joseph Henry, whose experiments and inventions in electricity and magnetism earned him international fame. Other Roth Quad buildings also carry the names of distinguished New Yorkers of the past: composer George Gershwin, Supreme Court justice Benjamin Cardozo and painter William Mount.

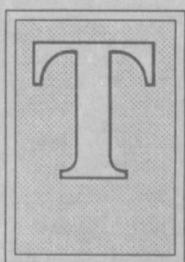


The Chapin Apartments are experiencing a massive interior and exterior reconstruction program that will be completed by next June.

PHOTO BY MAXINE HICKS



A typical student corridor at Hendrix College.



There may be no place like home, but come next fall, Henry (Hendrix) College could run a close second.

When renovations are completed, the Roth Quad residence hall may wind up at the top of the list of the 10 best places to live on campus, thanks to a \$2 million make over that began this summer and should be completed

by September, 1992.

"It will be beautiful," vows Dallas Bauman, assistant vice-president for campus residences, as he strides across his office to retrieve a large architectural rendering of the project from among a nest of drawings, building material samples and swatches. "We're very excited about it."

The Henry project, designed for Stony Brook and the New York State Dormitory Authority by the Manhattan architectural firm of David Smotrich & Partners, is the first in what will be a long-term residence hall renovation program. When completed, 26 buildings will have been refurbished at a cost of more than \$52 million.

"While our residence halls are fairly typical for the SUNY system, they suffer the scars of years of deferred maintenance and heavy use and in some cases, abuse," Bauman says. During the 70s, for example, damage to furnishings and buildings was widespread, as Stony Brook students — like their counterparts around the nation who were unhappy with the war in Vietnam and other issues —

expressed their anger, in part, through destruction and defacement of public property.

"The 80s brought us problems of another kind," Bauman recalls. This time it was a monetary crisis, a long-term state budget squeeze that has forced Stony Brook to defer maintenance, not only for residence halls, but for all buildings, sidewalks, parking lots and roads. "Over the years, the single biggest maintenance problem for us was the roofs. Every time it rained or snowed, water leaked into rooms and halls, causing a tremendous amount of damage." A major roof renovation project is near completion, leading the new revitalization program.

As buildings are renovated, mechanical and emergency systems are improved along with more visible elements such as flooring, wall coverings and bathroom facilities. The Henry project, for example, includes \$237,000 for asbestos abatement and \$284,000 for new electrical work.

"We're starting off with one building a year, but gradually we hope to move at a faster pace in the future," says Bauman. While part of the Henry project is being financed through a State Dormitory Authority Rehabilitation/Repair Program, the cost of general contractor work as well as all subsequent rehabs will have to be financed by other methods, the structure and costs of which are still being refined, Bauman said.

In the meantime, Bauman and his staff have made every effort to accommodate those displaced by the Henry facelift.

"Communication has been the key here," said Bauman,



producing a small green pamphlet, "Pardon Our Dust," that spells out the who, what, where, when and why of the project. "This has been extremely helpful to people who were living in the residence hall and especially to those who hope to move back in once work is completed."

The pamphlet explains the revitalization program, why the building couldn't remain open during renovations (virtually every wall, wire, tile and light fixture is being repaired or replaced), the role students will play in the project (volunteer to be on a furnishing and decorating selection committee) and how to get space in the building once it reopens (residents displaced by the project who live on campus in the spring 1992 semester have priority).

Though other residence halls will have to await their turn for a facelift, across-the-board repairs and updating continues on a smaller scale. Exterior doors on 23 of the 26 buildings have been replaced under a separate \$218,000

residence hall improvement program and the Division of Campus Residences is expanding its lock replacement program. Key locks have been replaced with push button combination locks in eight buildings, to date, with more on the way. In addition, reconstruction of the Chapin Apartments on the east campus will be completed in June.

"Ironically, it cost almost as much to rehab Chapin as to build it," Bauman says, "but in the end, we will have an outstanding facility."

Stony Brook's residence halls and graduate apartment complex aren't the only campus facilities getting the Cinderella treatment.

Across the campus, efforts by Facilities Engineering/Physical Plant personnel have turned some of the worst-looking campus sites into some of the best. A weed-studded traffic island, for example, has been transformed into a sculpted garden and a heavily trampled shortcut has re-emerged as green lawn. Even interiors are not immune to the magic. In building after building, dull floors are displaying a shine worthy of a television wax commercial.

"It took a lot of thought, because these were real problem areas and we didn't have a lot of money to work with," says Harry Snoreck, vice-president for Campus Services who with Al Ingle, assistant vice-president for Facilities Operations, John Rose, associate director of the west Physical Plant, Gary Matthews, director of the east Physical Plant, and custodial manager Jerry Edwards, formulated a remedy for campus sites in need of help.

"We were fortunate in that we didn't get much snow last

year, so we were able to put some of the funds we would have used for snow removal into these beautification projects," Snoreck said. Much of the improvements to grounds were done over the summer by crews supplemented with student workers, he noted. "Where we could, we tried to reuse material such as Belgian block, which was taken from other areas and put into plantings around the campus.

Among the most notable are several new plantings on the academic mall, one of which was created after crews repaired a broken pipe that had flooded the walkway. "It was that project that prompted us to evaluate the grounds and come up with a list of projects we thought we could accomplish with little money, to help beautify the campus."

When workers finished digging up the asphalt to repair the pipe, they asked Snoreck what should be done with the area that had been ripped apart. "It was more economical to replace it with an attractive planting than to pave it over again. So we ended up with a beautiful flower garden and lots of ideas for ways to make other spots on the campus attractive, too."

Not every improvement involves rocks, plants and soil. A floor waxing project that started on the East Campus is making halls, offices and classrooms shine with a high gleam.

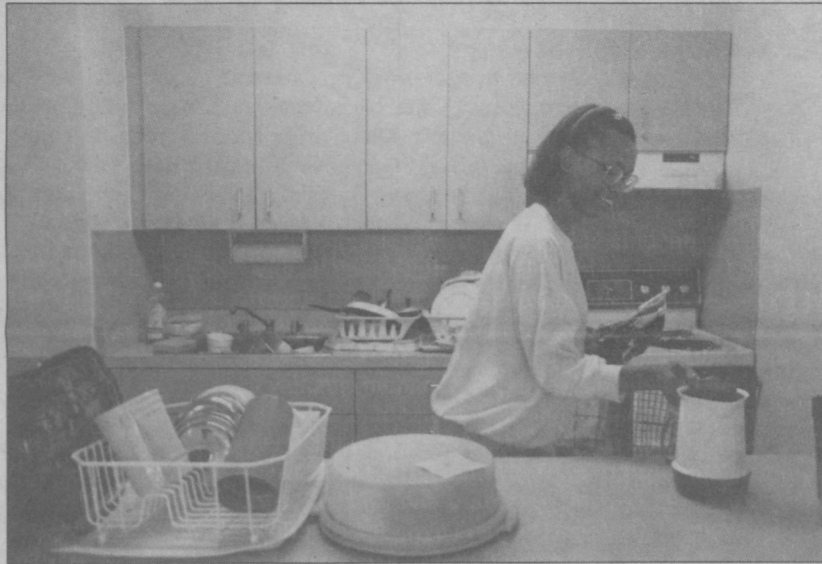
"It's part of a new floor waxing program that we started at the HSC and is working its way across the West Campus," Snoreck explains. Building work crews are using a new wax formula and are being trained in its application,

building by building. Applied correctly, the wax gives a high, long-lasting shine, even in heavily traveled areas.

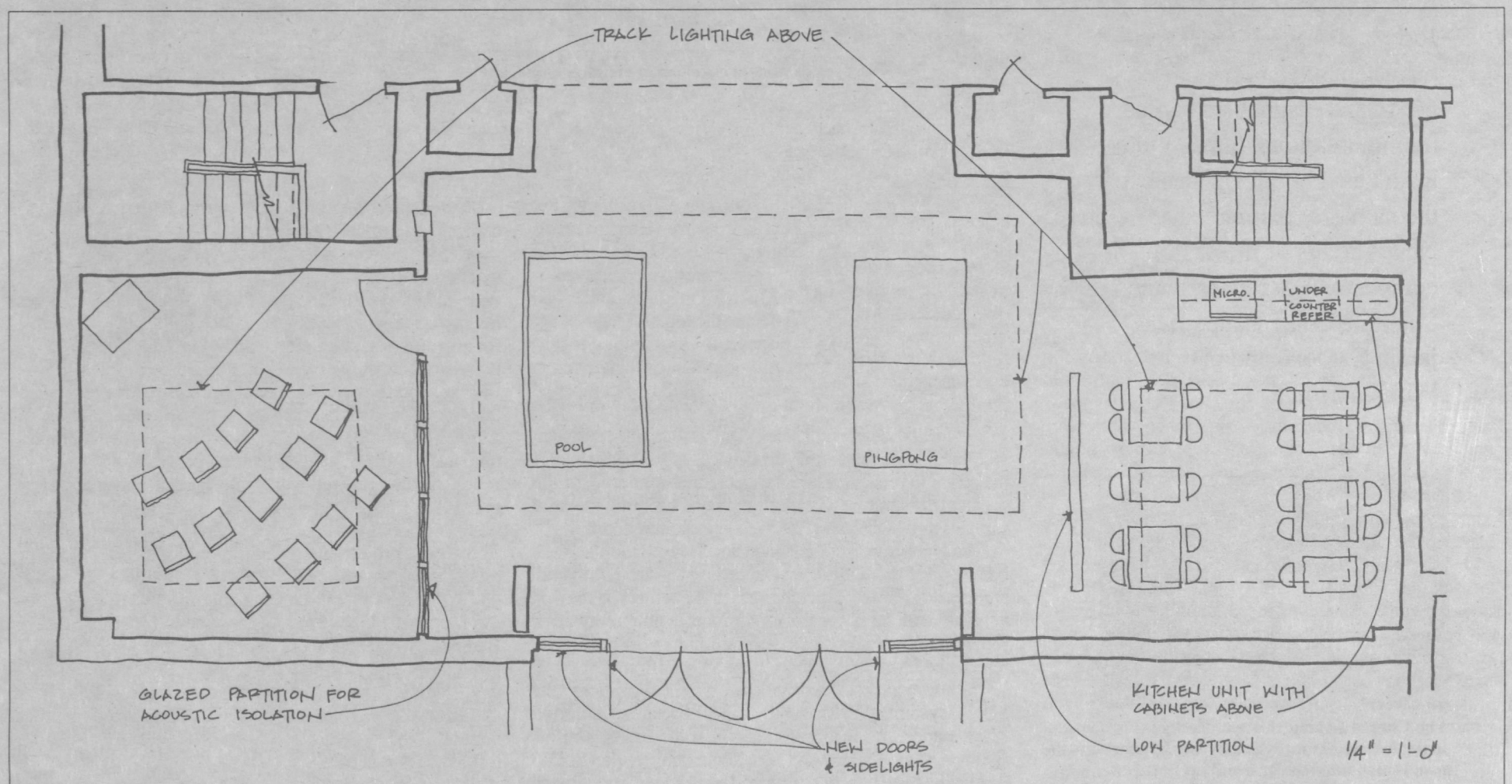
Campus Services has also been evaluating the condition of lecture halls and revitalizing those in greatest need of repairs, especially in the Earth and Space Sciences building and in Harriman. In addition to repainting the lecture halls, new seat/desks, flooring and stair treads are being installed. Classroom renovations are also underway in Harriman, Humanities, Social and Behavioral Sciences, Engineering and Old Chemistry. In addition, the Javits Lecture Center is getting new lighting, ceilings and a paint job.



**MAKE IT SHINE:** A new wax, combined with special training of building crews in its application, is making halls and common areas like this one in Psychology A gleam.



Modern kitchens like the one in Wanda Banks' Chapin apartment are typical for the recently renovated complex.

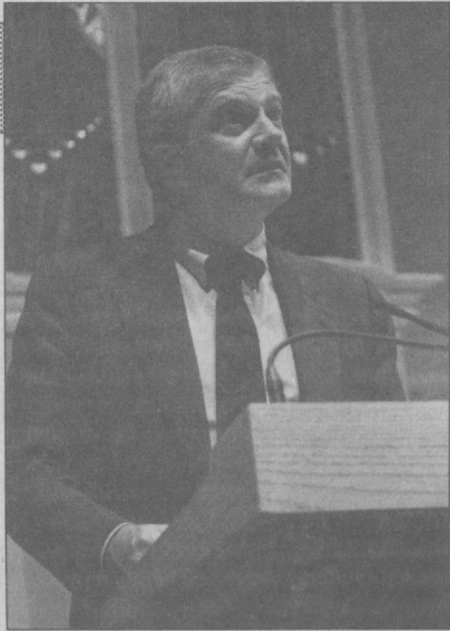


An architectural rendering hints at what Henry (Hendrix) College's new Recreational Room will look like once work is completed next fall.



Convocation Address, 1991

# The Character of Stony Brook



University President John H. Marburger opened the 1991 academic year, his eleventh at Stony Brook, with the an academic convocation. The following is the text of his address at the September 11 ceremony.

By John H. Marburger  
President of the University at Stony Brook

There is no change except against a standard, and changing institutions may gauge themselves against their pasts or against the society that defines their function. Stony Brook is certainly different today than a few years or a few decades ago. And measured by what we were, we can see great progress. Measured by what society expects of us, we see tremendous unmet needs and challenges. Measured by what we expect of ourselves—well, what do we expect of ourselves?

Today I want to talk about the changes and the needs and the expectations we have of the future. It seems to me that this is a good time to talk explicitly about what kind of institution we want Stony Brook to be. The strains of budget cutting have divided us and distracted our attention from the larger evolutions of our campus. In fact, we are remarkably strong and, as usual, we are not acknowledging it adequately to ourselves or to our publics. But, surprisingly, some deep problems have been repaired, and we have an opportunity to move forward more rapidly than most other universities during this recession period.

## Change at Stony Brook

During this past month we watched the final arc of a hypnotic trajectory that rose with the launch of Sputnik I on October 4, 1957. At that time, close to Stony Brook's birthday, America measured its need for higher education symbolically against the perception that an enemy nation threatened us with greater technical accomplishment. Our experience during World War II showed how critical science was for dominance in warfare. It was not love of arts and letters that built campuses throughout the 1960's. It was the need for national security through excellence in all the arts of war. We took advantage of it to build institutions that served a higher purpose. But let us not be blinded by our own idealism. While other forces were indeed at work, Society supported us then, at our beginning, because we could produce knowledge necessary for national defense.

That has all changed. Not only has the Soviet Union vanished as the ultimate enemy but, Desert Storm notwithstanding, the ability to wage successful war has vanished as the only basis for national survival. These were basic rules of the game. Now they are changing, and it is up to us to demonstrate our continuing value to Society under the new rules, whatever they are. Last year at this time, I spoke about what Stony Brook had to do to meet the challenge of our changing world. In talking today about the future, I will begin with present difficulties and challenges and attempt to identify some Stony Brook themes that carry forward the standards of intellectual integrity and optimism characteristic of universities for ten centuries.

That word "characteristic" brings me to the title of my message today: The Character of Stony Brook. Character

and change are curiously linked. Change brings out character, and character guides us through change. We seek characteristics of institutions as invariants in their behavior over time. But we do not respect those characteristics so much for the accident that they survived as for the extent to which they were intentional. That is the difference between a characteristic and a character. We have one, we mean the other.

It has fallen to presidents to set forth in convocation addresses the character of their institutions. I do this today because it seems to me that we face challenges that we will meet only by being very confident about our character. I want to talk first about a small number of important issues that strongly affect our future. Let us begin with the challenge that has dominated our attention for nearly a year: the budget.

## The Budget

Our budget problems this year were created by a very real recession that has affected most states throughout our nation. It was not a result of bad management here or in Albany, nor of inadequate political clout by Long Island, nor of the Governor's dislike for SUNY. As far as I can tell, the Governor does not dislike SUNY. He wants SUNY to succeed, and he is serious about creating conditions for that to happen. Our legislators continue to support us and we continue to benefit from legislative assistance, including adjustments to our budget.

### • Its Effect on People

As the dust settles on the campus budget for 1991/92, we have "permanently" closed approximately 140 jobs and we are maintaining many additional vacancies to meet our budget targets. Because we intentionally kept large numbers of positions open during the last eighteen months in anticipation of major cuts, only a small number of our employees, fewer than eight, will be forced to look for new jobs outside the university. This number is in addition to eight others who lost their jobs in last year's cuts. That is still too many, and I hope that during the next few months we can find new opportunities for them. But many more have had their lives disrupted. Some are going to be in new positions they did not seek. Others will be transferred to self-funded operations, and they will bear more of the responsibility for generating funding for their own positions. And the hopes of some who expected to be rehired or reappointed have been dashed. On behalf of the institution to which all of you affected had entrusted your livelihoods and futures, I extend my deepest compassion and regret.

### • Its Effect on Operations

The budget reductions are having an enormous effect on the way Stony Brook works. Many employees who had come to rely on overtime for part of their paycheck will no longer receive it (we have already saved over a million dollars this way). And the services they performed on overtime will be available only during regular shifts, if at all. Consequently, more employees are being assigned to shifts that are inconvenient for them. At the same time, there is more explicit control of some functions to ensure that the essential business gets done. Some offices will find that the people they once relied upon to get needed service, perhaps as a special favor, are no longer as responsive. That does not mean that they are not doing their jobs well. It is possible that they are doing them better. But our employees are seeing a more intrusive management. There are more audits, more careful examinations of how busi-

ness is done, more demands that business not be as usual. Starting this year I expect to see a five-year cycle of administrative departmental reviews similar to those traditional for academic departments. Several are now in progress. By far, the greatest impact of the reductions has been on administrative operations, and under that impact the way we do things is looking very different.

### • Its Effect on Academic Programs

In the area of academic programs, the many instances where adjunct faculty are not being hired as usual will leave holes in our course offerings. Bigger holes will be left by enforced vacant regular faculty positions. Fewer graduate students will be supported on state funds but, fortunately, we have been able to maintain and even slightly increase the total number of supported students. Graduate student recruiting has been reduced, and Vice Provost King believes this is responsible for fewer than expected graduate applications. (Undergraduate applications were above expectations.) Technical staff support for academic programs is being reduced. Travel funds are even tighter than usual. The ranks of technicians, stockroom clerks, typists, graphics support specialists and curators are thinned—and this in the face of one of the largest enrollments Stony Brook has ever seen—probably close to 1,800 students when all the figures are in. The consequence will be larger classes for many students and somewhat fewer course opportunities. But there are compensating improvements of which I will speak later.

## Some Non-budget Problems

### • Major Maintenance

Some of the most visible problems we have been experiencing have nothing to do with the budget crisis. The overheated offices on West Campus this summer were the result of record heat and of having only one of the two customary chillers on line. (I can assure you that the discomfort was not a consequence of our desire to save energy. We are continuing to save energy through other means.) The other chiller requires major repairs beyond the campus budget capacity. While it is possible to attribute the delay in repairing the chiller to the budget difficulties, I believe the problem lies much deeper in state-wide attitudes toward major maintenance projects. SUNY's ability to fund such projects has been declining because funds historically used for them have been eliminated in the sequence of "one-shot" cost saving measures imposed in the state Executive Budget process. Nevertheless, we know that the Budget Division is

concerned about the mounting problem, and at least no one is denying that a problem exists. You will be hearing more about major maintenance during the current year.

### • Parking

Parking is another problem that is only indirectly related to the budget difficulties. To solve the problem in the long run, we either need fewer automobiles on campus or more parking structures. Given our location and the nature of our student body, the chances of the former are remote. Given the obstacles to charging users for parking and the reluctance of the state to provide it as a free service, the chances of the latter are not much better. At this point, all I can promise are unpopular proposals and lots of information about reality.

The Department of Parking and Transportation has produced and distributed a document that explains much about the parking situation and should clear up many questions that have been raised about the parking situation on campus. Also available is a longer document that gives extensive information about the operations and finances of

*"Character and change are curiously linked. Change brings out character, and character guides us through change. We seek characteristics of institutions as invariants in their behavior over time."*





Circles of greenery: Trees, flowers and grass provide the academic mall with a lushness it lacked in previous years.

parking on campus. I emphasize that while the parking problem is not itself a budget problem, the management of parking by the state has created a budget problem for us. Money has already been extracted from our budget in anticipation that we will impose fees to pay its cost.

• *The Need for Feedback*

So many changes were made so quickly during the past eighteen months of budget cutting that I feel the need to recalibrate my perceptions of how the campus is working. Provost Edelstein and I, and other administrative colleagues as appropriate, are arranging to visit as many departments as possible this fall to find out directly how the budget reductions are affecting them and to help distinguish between problems that are truly budget driven and problems that we might be able to address within our current resources. Compared with the total campus budget of more than \$500 million, the cuts were small, and given time we can do much to reallocate resources to improve intolerable conditions. Our enemies during these past months were time and ignorance. If we can keep our heads now in the aftermath, we can use the one to subdue the other. Let us spend time learning what we have done, healing wounds inadvertently administered, and finding opportunities to move our enterprise ahead.

**The Research Environment**

• *The National Scene*

I am sure everyone here is aware that last month Stanford's President Donald Kennedy, one of higher education's most respected leaders, announced that he would step down from his post one year from now. In his announcement, he referred to the publicity engendered by congressional scrutiny of the management of federal indirect cost charges at Stanford. All other large research universities are also under scrutiny, including Stony Brook, and several have announced that they would return funds to the federal government that may have been improperly charged. These dramatic events are among the effects of a long concern in Washington about increasing indirect costs on federal grants and contracts. I have participated in Washington discussions of this issue over the years and testified earlier this year in hearings on the subject sponsored by the House Subcommittee on Science of the Science, Space and Technology Committee.

In my opinion, there is not a serious problem with the management of indirect costs. Agencies and Congress would like to make more funds available for research, and they see the indirect cost budget as a source of funds to do so. These funds are vulnerable primarily because few people understand indirect costs except accountants and business professors. Principal investigators have been complaining for years that research funds have been diminished by the inefficient management of overhead services. Whether this is true or not, the argument falls on receptive ears in Washington. This year the federal Office of Management and Budget will almost certainly adopt new rules limiting the administrative portion of indirect costs. Current proposals would cost Stony Brook about a million dollars if no other actions were to take place.

• *Major Changes in SUNY*

It is not clear what impact new federal regulations will have on Stony Brook because so many other changes are occurring here and in SUNY that affect the cost and management of overhead services and indirect cost reimbursements. Never in SUNY's history have there been such profound changes affecting the research mission. I will summarize them here because they are so important for our campus.

First, the state Division of Budget has agreed to cap the infamous "tithe" on indirect cost reimbursements. In a one time trade of state funds for indirect cost funds, DoB agreed

to permit the Research Foundation to retain 100% of future reimbursements. At a cost of \$16 million in base funding SUNY-wide, I would

have preferred the buyout to be less expensive, but at least the tithe is gone. This transaction does not result in any net benefit to Stony Brook during the current year, but will in future years as sponsored research continues to grow.

Second, the Research Foundation has abandoned its formula for distributing indirect cost reimbursements to campuses. That formula was very disadvantageous to Stony Brook, and its demise will mean additional funds to our campus in excess of two million dollars per year. There was a buyout cost for this action also, but appreciably less than that for the tithe.

Third, the Research Foundation is decentralizing major operations to the university centers and dramatically reducing the size of its central staff. Whether this will result in net gains for Stony Brook is not yet clear, but we have more direct management control over services that formerly we were forced to buy from RF Central at their rates. The incentive is high for us to manage these services efficiently.

Fourth, SUNY for the first time has acknowledged responsibility for the research mission in its central organization. The Chancellor has established an office focusing on research under the direction of Dr. Richard Jarvis reporting to Provost Joseph Burke. Provost Edelstein is a member of a new SUNY research advisory committee established for this office. Dr. Jarvis is a researcher who has had experience as a principal investigator in the SUNY system, a first for the central administration. The consequences for Stony Brook can only be positive. Research and scholarship are Stony Brook's greatest missions will increase our ability to secure SUNY support for our initiatives.

The changes described above occurred in response to initiatives launched by Stony Brook and Buffalo with support from the Research Foundation management. I would like to acknowledge Provost Joseph Burke's willingness to listen objectively to arguments we raised, eventually to accept their validity and then to encourage action based upon them.

Fifth, following extensive study and discussion of the funding and management of research support operations at Stony Brook, the Provost is implementing significant changes in this area. Provost Edelstein will report on the details elsewhere, but the changes are obviously related to the decentralization of Research Foundation operations to our campus and to other changes in financial management here at Stony Brook. It is important to understand that these changes are not being made because of deficiencies in the existing operations, which have been managed well for many years under the direction of Bob Schneider and his colleagues. Their work often in the past received complimentary rankings from the Senate Committee on Administration.

I am recounting these changes because many developments in recent years have created pressure on Stony Brook's research community. The Provost and I are encouraged by the developments I have described above. We are convinced that it is possible to reverse what has been perceived as a negative trend and improve the atmosphere for research on our campus. We are committed to

doing so, and I have asked the Provost to design a broad initiative to strengthen the research mission at Stony Brook. Such an initiative can be funded by taking full advantage of the flexibility we enjoy in the expenditure of indirect cost reimbursements.

**Undergraduate Students**

The University at Stony Brook is a rich community of highly active, exceptionally talented people whose will to influence society cannot be subdued by adversity. In laboratories, libraries, operating rooms, galleries and concert halls, Stony Brook people continue to excel at what they do. Despite the budget situation, measures of campus activity are at all-time highs: enrollments, federal funding for research, hospital patients, ambulatory patients, degrees awarded, scholarships awarded, Continuing Education programs, Evening College enrollments, campus cultural events, concerts, exhibits, patent disclosures, revenue from patents and licenses, philanthropic support, numbers of employees, overall volume of financial activity, relations with regional schools, curriculum development, projects supported by industrial partners, diversity of student body, accomplishments of student athletes and intercollegiate teams. We continue to attract the best faculty, and our faculty continue to earn national acclaim for their work. We opened a new sports facility, new graduate housing and secured resources for a technology incubator building. Taking all these measures together we are probably the most successful public research university in the northeast United States. But setting aside the facilities problems our new Campus Master Plan is designed to solve, there is one area where Stony Brook's statistics show us at a disadvantage. In the competition for highly achieving high school graduates, Stony Brook does not excel.

• *The Case for Student Quality*

It is easy to say that Stony Brook's graduate student quality is outstanding and that since graduate education and research are our unique missions, we should concentrate on graduate students and not worry about the undergraduates.

But I am not even proposing that argument as a straw man. There are good reasons why we should give high priority to increasing the numbers of conventional high achievers among our students. Let me start with one that is not so good. By a logic incomprehensible to me, most people measure the quality of educational institutions by the excellence of the people they attract, that is, before they have benefited from the education in question. That seems terribly wrongheaded, and I do not accept it as a valid basis for concern about the credentials of incoming freshmen. We should be more proud of the value we add than of the ability we attract. By that criterion, I believe Stony Brook is successful far beyond the norm for universities of our type. But the relatively low SAT scores of our incom-

ing freshmen are counted against us in the inevitable comparisons with other campuses.

Now let me give two better reasons for concern. First, there is a tremendous net outflow of intellectual talent from Long Island. Essentially all of Long Island's most talented high school graduates leave the region for their higher education. I do not have statistics on the percentage who return, but I can imagine that it would compare unfavorably to that of a third world country that similarly sends its talent abroad for education. That phenomenon is of great concern to Long Islanders and to the state at large because we have traditionally been the region within the state with the most vital economic growth. Stony Brook is the only university on Long Island with the faculty quality and the institutional

*Continued on page 16*

*"Stony Brook people continue to excel at what they do. Despite the budget situation, measures of campus activity are at all-time highs."*



## The Character of Stony Brook

Continued from Page 15

resources to compete with Ivy League schools for the matriculation of the most highly talented students. We must either keep the best here on Long Island or bring in other brilliant students from elsewhere to replace them.

The second reason for concern is that only a fraction of all students have the capacity to realize the highest level of accomplishment in a particular field of human endeavor. And Stony Brook's faculty are among the few in our nation who have the ability to carry students with such potential to that high level. Society loses when talent is not matched with talent. The argument is a familiar one to musicians. Master cellists do not develop under mediocre teachers. We have fine cellists among our music students because we have one of the world's great teachers and performers in Timothy Eddy. The world of cello performance is enhanced by the combination of brilliant teacher and brilliant student. There is a sense in which something of Timothy would be wasted if he had no student competent to his level of ability. I believe many of our faculty feel underused in this way in their experiences with undergraduates. I do not mean to cater to faculty who want no part of making valuable the lives of any that come to us. But I do believe that there is something inefficient about a system that does not exploit its best chances for excellence.

### •Favorable Signs

It is not easy to change this picture. We cannot, for example, simply raise our standards for admission. We need more highly achieving students to enroll. Last year, I listed what I think is necessary to make progress. This year, I can point to some signs of progress.

First, there is the fact of our considerably increased fall freshman enrollment despite unfavorable demographic trends. Within SUNY we have set ourselves the most challenging enrollment goals, and our achievement of them is impressive. Increased enrollments give us better control over the profile of students we admit and provide room for experimentation with new modes of recruiting.

Second, we have at last a general education curriculum of which we can be proud. After a decade of experimentation with a curriculum that finally became terminally complicated, the Diversified Educational Curriculum promises to embody the early goals of reform in a practical, intellectually sound approach that should be the envy of other universities. I extend my congratulations to everyone who helped bring this curriculum into existence.

Third, our experience with key programs to enhance undergraduate academic life has been entirely positive, and the programs are thriving. The Honors College, Residential Colleges, URECA, SBU 101 courses, and older programs such as Federated Learning Communities, Sigma Beta Honor Society, and SAINTS are all continuing to attract the necessary critical mass of faculty interest and student support.

Fourth, we have a Vice Provost for Undergraduate Studies, Professor Douglas, who brings academic distinction, knowledge of Stony Brook, a long history of interest in teaching, and the determination to make Stony Brook an excellent environment for undergraduate learning.

This list can become quite long, because the problem of inadequate numbers of highly achieving freshmen is widely recognized and many different offices and groups are working on it. The Offices of Student Affairs, Residential Life, University Affairs, Campus Services, and the Board of the Stony Brook Foundation all have relevant initiatives. Increasing the numbers of highly achieving freshmen must remain high on our priority list for the entire decade. It will take that long to achieve some of our current goals for facilities and campus life improvements designed to make our campus more attractive to undergraduates.

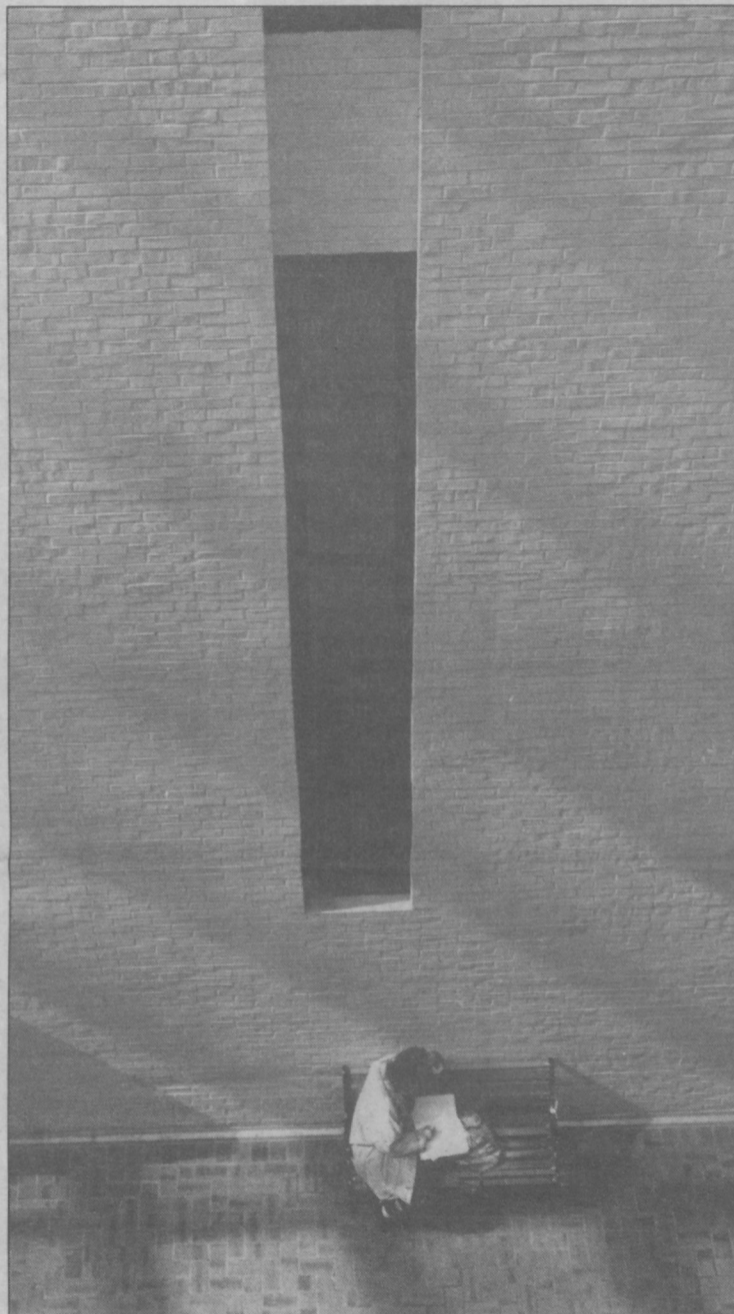
### Stony Brook Character

This emphasis on undergraduates must not be seen as a turning away from our essential missions of scholarship, research and graduate instruction. It is rather an effort to redress an imbalance that has been recognized at least since our 1973 accreditation study. Indeed, every systematic assessment of academic life on our campus has drawn attention to the "two Stony Brooks": one that produces scholarship of exceptional quality, and another that produces more frustration than enlightenment for undergraduates. It was during the 1973 self study that Patrick Hill invented the Federated Learning Communities to bring the

two Stony Brooks together to create a superior learning environment for a small number of undergraduates. I think there is a relationship between our failure to attract as many high achievers as we would like today and our continuing failure to resolve the "two Stony Brook" issue.

The "two Stony Brook" phenomenon has persisted so long that I would have to call it one of our characteristics. It is not a positive one, and there is a widespread awareness that it must change.

There is a tendency at Stony Brook, one it shares with many Long Islanders, to identify negative characteristics



At the bottom of the library stairwell, a student sits absorbed in her book. PHOTOS BY MAXINE HICKS

and dwell upon them, leaving little room in the social consciousness for the positive characteristics that ought to be a source of pride. But I do not want to engage further in that exercise today. A counteracting tendency is our determination to improve ourselves, and yet another is our willingness to experiment with new forms and to cut our losses if an idea does not work out.

### Excellence

I believe that alongside those characteristics that we have acquired by virtue of our history or location, we have others that are more like elements of a character that we should cherish and encourage. The very fact that we are concerned about the profile of quality among our students speaks of our concern for excellence in every undertaking. I propose to place this first on our list of elements of the Stony Brook Character—a list of qualities that we intend to guide us into the future:

*Stony Brook intends to achieve excellence in every aspect of its operation.*

This is a bold statement, but one to which we can legitimately aspire. We have demonstrably the most excellent faculty among public universities in the northeast, and we have arguably among the best graduate students. Our contributions to new knowledge excel in many fields. Our hospital offers excellent health care. We have excellent programs in letters, arts and sciences and the professions.

Now we need to secure our domains of excellence and expand them to include all aspects of undergraduate education as well as to new or unfinished programs.

### Sophistication

Next to the intention to achieve excellence I would place a tendency widespread at Stony Brook to emphasize those activities and areas that are the most sophisticated and demanding. The training we offer in public policy and business has a quantitative slant. Social science degrees are likely to require courses in advanced mathematics. Our brand of physics uses the most sophisticated tools of theoretical and experimental science to reach into the most fundamental questions of the origins of matter and the universe. The performance component of our music department adheres to the highest international standards. Our theatre program places unusual demands on student actors, bringing forth productions of exceptional complexity. I will speak more later about the significance of having a medical school and a teaching hospital within our campus, but ours prepares medical students to employ the most advanced and sophisticated technologies to treat the most difficult conditions. In short,

*In whatever fields of human endeavor Stony Brook provides training and an environment for scholarship, we intend to pursue the most sophisticated and demanding aspects of those fields.*

I am not speaking only of graduate level work here, I am speaking of the difference between competence and virtuosity, of work that requires the utmost polishing of the skills of thought, of performance, of technique. Stony Brook is a community of scholars of the most challenging subjects known to humankind and a place where students may reach pinnacles of human potentiality, if they are able and willing.

### National Competitiveness

The question arises as to what students we serve with all this excellence and sophistication. At Stony Brook, our tendency is to turn this question around. Our mission is not so much to serve students as to serve society through our students. We are producing a valuable human resource for Long Island, for New York State, for our nation, and for the world. I spoke before of our mission to reverse the brain drain from our region. Although we strive to bring the best to Long Island, our primary objective is to produce world-competitive graduates on Long Island.

*Stony Brook intends to produce students who can compete successfully in the fields offered with those prepared at any other institution in the world.*

### Diversity

Furthermore, we do not believe that accidents of race or sex or ethnicity or place of origin are relevant to excellence. We have always taken talent in whatever package it presents itself. Arguments and opinions about the validity of culture and lifestyle are not as interesting to us as whether a student has a commitment to excellence and service to society. Even after we succeed in raising the number of highly achieving freshmen, we will find a wide diversity of students in our profile. We will always have an enrollment that spans a wide spectrum of preparations and places a wide spectrum of demands on our faculty. We currently have the most diverse student body on either the graduate or the undergraduate level of any SUNY center and that will continue in the future. Our proximity to New York City and large immigrant populations makes it natural that:

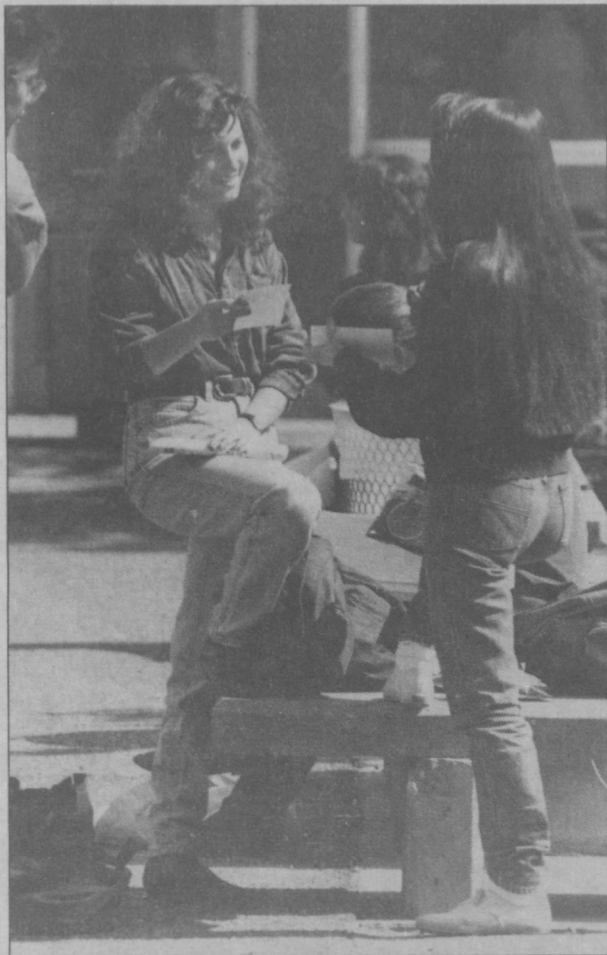
*Stony Brook actively pursues talent within every population. Consequently, the Stony Brook university community is highly diverse.*

I suggested above that we value a commitment to "service to society" by our students. The same can be said for everyone at Stony Brook. We are in the first place a public university, which in this country suggests a somewhat stronger social role compared with private universities. Most people joining us as faculty or employees understand that and willingly buy into the notion that the traditional teaching, research and service functions of universities are here bent deliberately but appropriately toward the needs of the state.

### Sense of Public Mission

Beyond the fact of our public support, Stony Brook has a special sense of public mission that is permanently a part of our character. We are the only research university on Long Island. The state commission chaired by Henry Heald that gave us our charge referred explicitly to social





In the autumn sunshine, Richard Guillopo, Sarit Ariam and Ellery Lopez confer between classes.

purposes, to technology development and to the need to compete with other states and nations. Our location is not far from New York City, a situation that leads automatically to raised consciousness of the need for new solutions for the problems of society.

*Stony Brook encourages explicit social applications of scholarship and research.*

In looking back over these elements of the Stony Brook character, and looking objectively at what Stony Brook actually does as an institution, it seems to me that there is one paradigmatic activity so massive and so accurately capturing the spirit of our intentions as to symbolize the nature of the entire university. That activity is health care. Be aware that health care now comprises half of all we do in terms of budget: approximately \$250 million out of a campus total of \$500 million is hospital and other patient care activity.

#### Health Care as a Paradigm for Stony Brook

But it is not the size of the health care enterprise that impresses me. It is the fact that within University Hospital are encountered the most acute of all human problems in conjunction with the most advanced forms of science and technology. It is the insistence on excellence, the sharp

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intends to produce  
students who can  
compete success-  
fully with those  
prepared at any  
other institution in  
the world.”*

consciousness of the life or death difference made by even the smallest job, the spirit of dedication to the alleviation of human suffering, the readiness to make heroic sacrifices of time and emotional energy to save the life of anyone who needs help, regardless of sex, race, origin or personality.

Nearly every academic department could legitimately have a role in the drama of a tertiary care hospital. Every service department actually does have such a role. Many undergraduates volunteer or work part time in our hospital. Many West Campus faculty and students conduct research and studies based upon hospital applications. The vision of that other founding commission chaired by Malcolm Muir is being fulfilled. The health care and medical training functions support and are supported by the research university in which they take place.

I see the character of Stony Brook as strongly reflected in its health care mission. It insists on excellence; it incorporates the latest technology and the most sophisticated knowledge; it necessarily adheres to national standards and prepares nationally competitive people; it strives to carry out its mission of mercy without respect to sex or race or creed or color; even those who carry out basic scientific studies acknowledge the applied nature of their work. Their aim is to save lives.

*Health care is symbolic of Stony Brook's character and provides a standard for all that we do.*

#### The Measure of Our Change

Stony Brook is very nearly a mature university. We have weathered an extremely difficult budget year, and we are not only intact but still growing. We can complain about many things going wrong, and yet we continue to add success upon success in our missions of teaching, research and service. Measured against our past we have come a very long way. Measured against the needs and expectations of society, we are clearly doing what we were designed to do. The question of what we expect from ourselves is one that I can only answer as your representative, but to me the answers are rather clear.



Pensive, Evelyn Ovalle writes a letter to her former roommate.

Stony Brook intends to become the most academically respected public university in the eastern United States.

Stony Brook intends to become the major force for technology based economic development on Long Island.

Stony Brook intends to provide the best possible advanced health care to the Long Island region.

Stony Brook intends to produce students from the most diverse economic and cultural backgrounds who can provide leadership in the most advanced and sophisticated fields of human endeavor.

Through the science, scholarship and creative activity of its faculty, students, and alumni, Stony Brook intends to create new insights that improve the quality of life for all throughout the world.

These are not small ambitions, but we are arguably well on our way to achieving them.

I have often been accused of optimism, and some of you may think that reemphasizing our grand ambitions at a time of despair and gloom and campus tension is not useful. But I have always insisted that the source of my positive convictions about Stony Brook is not optimism but realism. Most of our painful problems today do not have very deep roots. We are experiencing a shock wave radiating from a source of change that would not be so noticeable if it were not so sudden. The Stony Brook characteristic of exaggerated self-criticism has been useful in driving us relentlessly along our path to greatness. But it also blinds us to our true accomplishments.

I have not attempted to catalogue all those accomplishments today. My annual report that will appear soon is once again full of concrete evidence that this institution is achieving far beyond the norm by nearly any measure. It is right to focus on those areas where progress is impeded, or even turned back. But when we ignore our extraordinary strength we mislead our friends and even ourselves about our true value to society.

The part of Stony Brook's character I most admire is our determination to prevail through all adversity. The problems we face now are scarcely significant compared to what we have already overcome. I welcome the opportunity to work together with you to make Stony Brook a great institution.

## New Research Foundation Formula Yields \$2.3 Million for USB

A collective victory over inequity.

That's one way to describe the tectonic shift, mentioned by President John H. Marburger in his convocation address (see pages 14-17), that forever changed the management of sponsored research in the SUNY system.

Perhaps more than at any other major university in the nation, sponsored research at SUNY has tested the character not only of Stony Brook, but also of the University at Buffalo and SUNY's two other health science centers. All have been penalized to varying extents by the Research Foundation's formula for distributing indirect cost reimbursements back to the campuses.

While having no basis in recognized accounting practices or management principles, SUNY's policy of distributing reimbursements in proportion to campus direct revenues did, at least, have a rationale. It assisted small campuses, where incomplete recovery of even modest indirect costs might have had a disproportionately negative impact on the local budget. It also provided an incentive to campuses to perform services for sponsors — such as state agencies — unwilling or unable to pay reasonable indirect costs.

But it also worked against the system's larger research institutions like Stony Brook. In 1989, for instance, the Research Foundation's policy of “direct revenue-based distributions” left Stony Brook with \$2.3 million less than it

would have received had distribution been based on actual indirect costs. SUNY Buffalo and the Health Sciences Centers at Brooklyn and Syracuse were also shortchanged. Meanwhile, the university centers at Binghamton and Albany and 23 other SUNY institutions received nearly \$3 million more than warranted by their actual indirect costs.

As Marburger pointed out in a series of three lectures he delivered shortly after joining the Research Foundation board in 1990, the formula had an unfortunate side effect: it acted like a tax. On the one hand, it penalized campuses that controlled the mix of research sponsors and pursued indirect cost recovery while, on the other hand, it rewarded campuses that did not aggressively pursue indirect cost recovery and accepted large direct revenues from sponsors that failed to reimburse indirect costs.

In these lectures, Marburger proposed 17 changes in the management of the Research Foundation, including a new method for distributing indirect cost reimbursements. Virtually all of the changes have been adopted — including the new distribution formula — with the result that Stony Brook, beginning this year, will receive additional funds in excess of \$2 million annually.

Marburger noted in his convocation remarks that a number of other sweeping changes are underway in the Research Foundation (RF). These include:

- Decentralizing major operations to the university centers and dramatically reducing the size of the central staff. “Whether this will result in net gains for Stony Brook is not yet clear, but we have more direct management control over services that formerly we were forced to buy from RF Central at their rates”;

- Creating an office focusing on research within SUNY — a signal that, “for the first time, SUNY has acknowledged responsibility for the research mission in its central organization”;

- Capping the “infamous tithing” on indirect cost reimbursements (IDC) by the state Division of Budget. This was accomplished through an agreement which reduced the SUNY budget by more than \$15 million in exchange for eliminating the tithing on RF IDC funds. While producing no net benefit to Stony Brook in the current year, this action will provide Stony Brook with new funds as sponsored research continues to grow, Marburger said.

These changes occurred in response to initiatives launched by Stony Brook and Buffalo with support from the Research Foundation management, noted Marburger, who particularly acknowledged SUNY Provost Joseph Burke for “his willingness to listen objectively to the arguments we raised, eventually to accept their validity and then to encourage action based upon them.”



## Ranked LI's 'Best Value,' University Posts Record Enrollments

Continued from page 1

a number of improvements in the way it communicates the advantages of the Stony Brook experience to prospective students. For example, Admissions staff have sharply increased their interactions with guidance counselors throughout Long Island, the metropolitan area, and upstate New York.

Moreover, they are more aggressively involving faculty and alumni in the recruitment process, taking faculty out to key feeder schools and establishing groups of volunteer alumni representatives in Albany, Syracuse and Rochester. They also have expanded the university's direct mail program to high-achieving students and established a toll-free number (800/USB-SUNY) to facilitate inquiries.

Admissions staff also are spearheading an effort to increase the percentage of sophomores, juniors and seniors returning to Stony Brook each year to complete their studies. This effort — which included the creation of a "Retention Committee" and a two-day visit by a retention consultant — was another important factor in the university's record enrollment this fall. The university had projected that 6,286 students would return to Stony Brook; in fact, the actual total was nearly 300 students higher.

### New Approach to Advising

While Admissions has been presenting Stony Brook more effectively to prospective students, the Office of Undergraduate Studies has been polishing the programmatic side of the university. For example, the highly praised orientation course, SBU 101, was expanded this fall to 40 sections; it now enrolls more than one-third of Stony Brook's 1,813 full-time freshmen. Evaluations clearly indicate that the one-credit course — taught only by faculty and staff who have demonstrated their ability to project warmth in their interactions with students — is providing freshmen a firmer foothold on the college experience.

So successful is the program, in fact, that it will provide the basis for a new approach to undergraduate advising, says Douglas. For three weeks prior to "Prime Time," that period when students register for the following semester, SBU 101 instructors will meet individually with their students to help them plan their course of study.

In another initiative launched by Undergraduate Studies, the Honors College — which accepted its first group of 30 freshmen in 1989 — now enrolls 90 high-achieving students from the junior class on down. The average combined SAT score for the 30 freshmen who enrolled this fall was 1233, up sharply from last year's average of 1200.

High-achieving students are attracted to the Honors College by interdisciplinary seminars, faculty mentors, access to a spacious Honors College lounge in the library, and \$1000 one-year scholarships for each student.

In the competition for outstanding students in the future, Stony Brook will increasingly offer such financial inducements, made possible by a growing endowment created by the Stony Brook Foundation. In 1990, the university was able to offer only about \$70,000 in merit scholarships; next year, that figure will more than triple to \$250,000, thanks in large part to a 200 percent increase in pledges for scholarships, fellowships and awards in the 1990-91 fiscal year.

Another change certain to make Stony Brook more attractive to prospective undergraduates is the Diversified Education Curriculum (DEC), which is being introduced to the first freshman class this fall. This long-awaited replacement of the old core was well received, says Frank Shih, associate director in the Center for Academic Advising. "Faculty advisors were delighted with the new academic requirements which are, for the most part, self-explanatory."

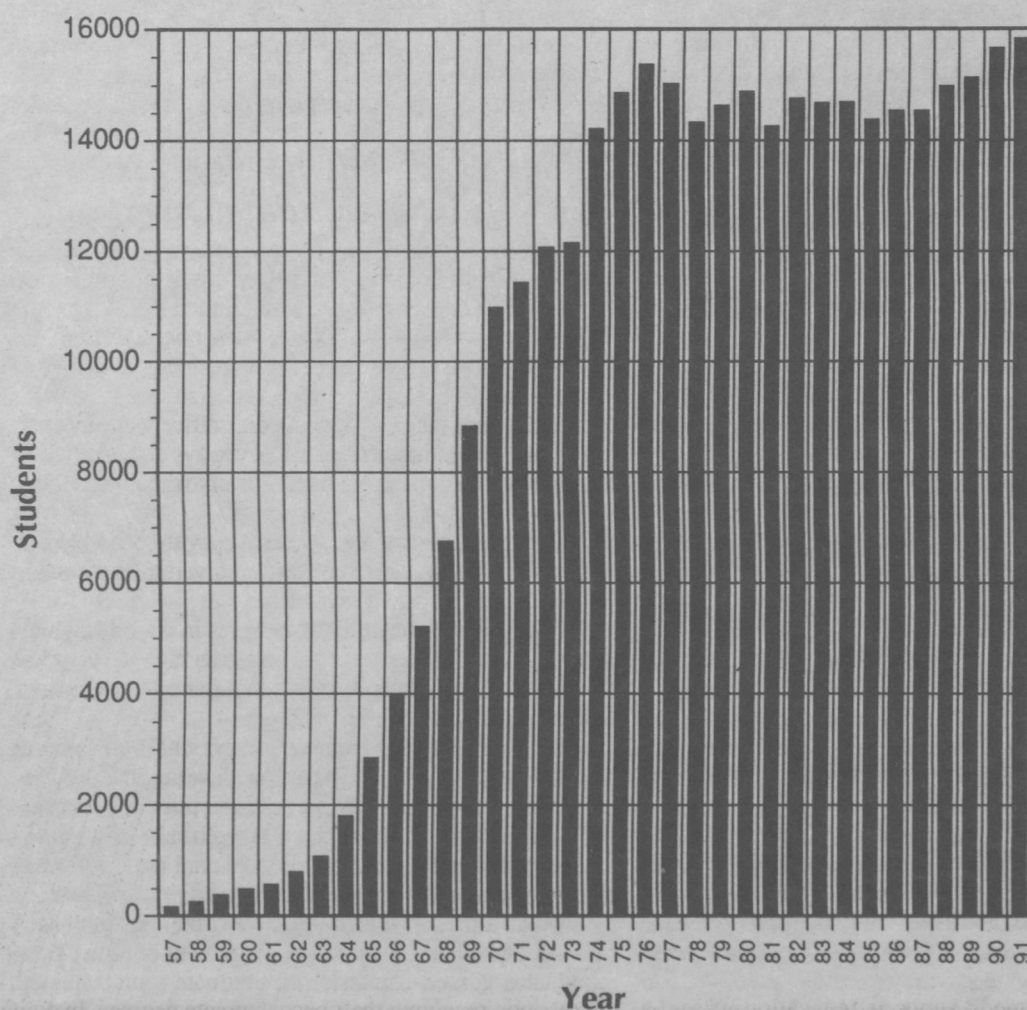
Yet another important step toward upgrading the quality of the undergraduate student body was taken this year with the establishment of a July 31 application deadline, Shih notes. The deadline effectively eliminated the admission of late transfer students, a group which typically has arrived less prepared for the rigors of the Stony Brook experience and in past years has recorded higher-than-average rates of attrition.

### Positions Eliminated

Ironically, Stony Brook is posting its record enrollments at the same time it is attempting to absorb an \$8.6 million cut in state support. To meet that reduction, the university has eliminated 137 full-time positions, including 16 vacant faculty slots.

Also, the university will phase out by September, 1993, its baccalaureate program in cardiorespiratory sciences in

### Charting a Record: West Campus Enrollment



Enrollment at Stony Brook reached an all-time high this fall. The graph above charts undergraduate and graduate enrollment on the West Campus since Stony Brook's founding in 1957. The Health Sciences Center has seen similar rapid growth since it began admitting students in 1970.

the School of Allied Health Professions, a step that will save \$300,000 annually. While no new students are being accepted to the program, the university has said it will ensure that the 50 students currently enrolled will receive an appropriate education. The School of Allied Health Professions continues to offer baccalaureate programs in medical technology, physical therapy and physician's assistant education, as well as a master of science degree for health professionals.

In the wake of the cuts, the university has reduced both the variety of its course selections and the number of sections offered for particularly well-subscribed courses. Moreover, cuts have been made in a number of academic support services; the Math Learning Center, for example, has reduced its hours of operation.

State support for graduate students also was reduced this year, but the impact has been somewhat offset by funds from other sources, says Alexander King, vice provost for Graduate Studies.

"SUNY formulas may allow Stony Brook to keep a portion of the extra tuition income that has resulted from the higher-than-expected enrollments. The amount that eventually comes to Stony Brook will depend on actual cash collections and whether SUNY realizes the tuition revenue goals set in the state budget," says Glenn Watts, vice president for finance and management.

The fall enrollment picture for the other SUNY university centers is mixed. SUNY Albany exceeded its projections by 421 students, while Binghamton fell 630 short and Buffalo fell 941 short of anticipated enrollments.

### In Recession, a Search for Alternate Careers

The recession is persuading many Long Islanders that this may be the right time to return to the classroom.

"People are looking for alternate careers or career changes," says Jane O'Brien, program director in the School of Continuing Education (CED).

Enrollments in CED's professional licensing programs — real estate licensing, appraisal licensing and insurance licensing — have increased between 10 and 50 percent this fall, she notes. A course in salesmanship, which had previously been cancelled three times due to low enrollment, is fully subscribed this semester.

Also hot: courses in personal computer training. Enrollees, notes O'Brien, "are increasing their skills and learning new skills to stay competitive in the job market." CED is offering 24 courses in personal business computer training this fall.

The current economic uncertainty also may have caused more undergraduates to enroll in summer courses, suggests Megs Shea, director of the Summer Session. Summer enrollments have increased by 8 to 10 percent per year

over the last decade, but this summer was "exceptionally heavy," she says. "At the last moment, I had to add several new sections of a number of undergraduate psychology and sociology courses to avoid turning away large numbers from closed classes."

For many graduates of Long Island high schools who are attending college outside of the region, taking summer courses at Stony Brook is a cost-saving strategy, notes Shea. "Many of these students return home to combine summer jobs with a summer course or two. Because Stony Brook credits are readily transferrable to other well-known institutions — private as well as public — more than 30 percent of our summer undergraduates each year are visiting students who do not attend Stony Brook during the academic year."

The recession may also be partly responsible for the increase in graduate enrollments this fall, suspects Alexander King, vice provost for Graduate Studies. "The graduating class of 1991 found jobs relatively hard to find. A larger fraction of them, therefore, would be likely to enter graduate school.

—Forbush



# Behind the Numbers: Opportunity

By Dan Forbush

Impossible.

Out of the question.

No way.

That's the response you would have heard in some quarters had you predicted aloud back in 1980 that Stony Brook's enrollment would approach 18,000 in 1991.

Back in 1980, New York State was confronting an unfathomable 29 percent decline in the number of students graduating from its high schools. This, of course, was the consequence of the celebrated "baby bust" that followed the even more celebrated post-World War II "baby boom."

As the State Board of Regents saw it, this dizzying downward spiral — forecast to occur between 1980 and 1993 — would lead to empty seats throughout the SUNY system. By 1988, enrollment within SUNY would decline by 43,000; the equivalent of seven medium-sized SUNY institutions would close.

SUNY's own analysts predicted a decline, but not nearly so steep — just 2 percent for the decade. Meanwhile, Stony Brook, situated in (at that time) one of the nation's fastest growing regions and still needing major construction projects to complete its campus, was forecasting considerable enrollment growth.

As it turned out, total enrollment in SUNY increased 8.5 percent during the decade. At Stony Brook, it increased 7.8 percent.

Here's what happened.

Half of the Regents' prediction was exactly right: the number of students graduating from New York high schools plummeted just as expected. What virtually no one had counted on was a rapid increase in the number of non-traditional adult students and an even steeper increase in the percentage of high school graduates opting to go on to college. In 1980, only 65 percent of the state's high school graduates continued their education in college; by 1990, that number had soared to 75 percent.

"Potential students, and especially their parents, began to view a two- or four-year degree as an economic benefit, often even a necessity," notes the just-released *SUNY 2000* report. "The popular media supported education efforts by producing articles and programs which concluded that in an economy fueled increasingly by knowledge and information, the best way to a good job and a better life lay in higher education."

More than any other four-year institution within SUNY, Stony Brook has come to symbolize access and opportunity to the most talented and motivated among this emerging group of college-bound students. Many are the sons and daughters of recent immigrants who settled in New York City and either remained there or relocated to Long Island.

Many are from minority groups which traditionally have been underrepresented in higher education. As Long Island's minority population steadily increased through the 1980's — a 47 percent jump between 1980 and 1990 — Stony Brook's minority enrollment similarly increased.

For example, as a percentage of new full-time freshmen, the minority student population grew from 22.9 to 34.8 percent between 1980 and 1990. This growth was particularly striking among Asian students, whose representation increased from 10 to 19 percent during that period.

As *SUNY 2000* notes, New York "will continue as one of the most ethnically and racially diverse states in the nation." This will occur both because of immigration, particularly from Asia, Eastern Europe, Latin America and the Caribbean basin, and increased birth rates in minority households. In 1980, New York's population was 13 percent African American, 9.5 percent Latino, 1.8 percent

Asian, and .2 percent Native American. By the year 2000, an estimated one-third of New Yorkers will be Latino-American or non-white; four of every ten children born in the state will be from minority groups.

In recognition of these trends, *SUNY 2000* states that all campuses must "make special efforts to recruit, enroll, retain and graduate students from traditionally underrepresented groups and from new immigrant groups."

As a specific goal, the report states, such populations must by the year 2000 be enrolled in the system, "at least in proportion to their representation in the pool of potential students in New York State."

With the exception of the College at Old Westbury, Stony Brook has made by far the greatest progress among SUNY institutions in responding to this demographic message. While minority students accounted for 34 percent of Stony Brook's new full-time freshmen in fall, 1989, they represented just 16 percent of new freshmen in SUNY as a whole and 14 percent at public universities nationally.

Undergraduates at Stony Brook differ from those at a "typical" public university in other ways as well. Here's a profile of full-time freshman students who entered Stony Brook in fall, 1989:

- 22.7 percent came from families with incomes below \$20,000. The average for public universities nationally: 11.4 percent;
- 22.5 percent came from families in which English is not the primary language. National average: 6.6 percent;
- 18.2 percent were recent immigrants. National average: 2.4 percent;
- 14.9 percent were from families in which the father did not complete high school. National average: 6.6 percent.

Interesting numbers. Now consider this: 47.2 percent of Stony Brook's new full-time freshmen said they aspire to attain either a doctorate or professional degree. The national average: 29.8 percent, almost 20 points lower.

Most Stony Brook students achieve their aspirations. As a 1986 SUNY survey showed, 44 percent of Stony Brook graduates gained admission to graduate school immediately upon receiving their baccalaureate degrees. In doing so, they outpaced graduates of both SUNY-Albany (39 percent) and SUNY-Binghamton (42 percent), and virtually tied SUNY-Buffalo (45 percent).

Recognizing the SAT's flaws in predicting college success (see accompanying story), the Admissions Office places greater emphasis on high school averages, Regents Examination scores, and rank in class. Over the last 15 years, there has been virtually no change in the average GPA of academically admitted freshmen: the average GPA in 1977 was 89.1; in 1990, it was 88.9.

Behind this average, however, there is a shift in distribution. In 1974, students in the 85-89 range had by far the largest representation on campus at 42 percent. Second were students in the 90-94 range (at 26 percent) and third were students in the 80 to 84 range (at 14 percent).

Today, students in the 85 to 89 range still make up the largest group — at 38 percent. The main change that has occurred over the last 17 years is this: students in the 80-84 range are now the second largest group (at 33 percent), while students in the 90-94 range have become the third largest group (at 16 percent).

For Ron Douglas, vice provost for Undergraduate Studies, this phenomenon raises a question of balance.

"Faculty everywhere want better students, but at Stony Brook it's also a matter of maximizing resources," he explains. "Although our current students are basically those we want, a number of our most demanding majors —



Theresa LaRocca-Meyer and Gigi Lamens of the Office of Undergraduate Admissions have targeted high-achieving students for a special initiative.

including physics, chemistry, engineering and math — can support larger enrollments. We want to take advantage of this capacity while at the same time ensuring that student abilities are matched to faculty expectations. To do this, we need to attract more students in the 90-94 GPA range and would like to attract more in the 95-100 range as well." (Note: The proportion of Stony Brook freshmen entering with high school GPA's in the 95-100 range has remained essentially constant since 1974: between 3 and 4 percent.)

Establishment of the Honors College in 1989 was an important step in the effort to shift the curve toward the higher range, notes Douglas. Each new Honors class of 30 freshmen has brought stronger credentials than its predecessors. For example, 1990's freshman class had an average combined SAT score of 1200 and an average GPA of 94.

Other initiatives — either recently implemented or soon to be introduced — are similarly directed at attracting high-achieving students, notes Douglas. Among them:

- Creation of a new "Freshman Scholars" program that will offer outstanding prospective students a \$500 scholarship plus a variety of perquisites, including first choice in course and room selection and invitations to specially planned campus events;

- Establishment of new living/learning centers in the residence halls, including creation of a new living/learning center in French and Italian this fall. Possible themes in future: environment and biological/medical sciences;

- Revival, after a one-year suspension, of the Federated Learning Communities, Stony Brook's celebrated national experiment in interdisciplinary learning. This year's program, focused on "Global Problems and National Priorities" is under the direction of chemistry Professor Theodore Goldfarb, with 30 students.

The Admissions Office also has targeted high achieving students for a special initiative that includes:

- Increased mailings to National Merit Scholars, Westinghouse Science Talent Search finalists and semifinalists, and students identified through the Advanced Placement Examination, *Who's Who In American High Schools*, and similar sources.

- Expansion of the Young Scholars Program, which offers talented Long Island high school students the chance to take a Stony Brook course at a reduced tuition of \$35;

- Sponsorship of a Student Leadership Conference in the spring, bringing to the campus high school student government officers, honor society members, newspaper editors and other student leaders from throughout the region.

## Shortcomings of the SAT: A Stony Brook Example

SAT scores are often used as a means to compare student quality, but they exhibit major flaws when used for that purpose or for predicting college success. Nationally, minority students score approximately 48 points lower than white students on the math SAT and 64 points lower on the verbal SAT. Since Stony Brook enrolls, on a percentage basis, at least twice as many minority students as any other SUNY center, it isn't surprising that average SAT scores of incoming freshmen are lower at Stony Brook than at Buffalo, Binghamton or Albany.

But SAT scores alone say virtually nothing about a student's prospects for college success. Here's one example.

On the math SAT, Asian American students nationally score an average of 41 points *higher* than white students nationally: 530 for Asian Americans com-

pared to 489 for whites.

Looking further, one finds that Stony Brook's Asian American students go one better, scoring 45 points above the national average for Asian American students, 94 points above the national average for whites, and 30 points above the Stony Brook average for white students. In this case, the Asian American average of 575 pulls the average for all Stony Brook students *up*.

But on the verbal SAT — where performance is determined chiefly by one's grasp of English — exactly the opposite occurs. On this indicator, Stony Brook's Asian American students register an average score of 373, placing them 81 points below the Stony Brook average for white students (464), 68 points below the national average for white students (441), and 38 points below the national

average for Asian American students (411). On the verbal SAT, the Asian American average pulls the average for all Stony Brook students *down*.

Does one conclude from this that Stony Brook's Asian American population are poor students? Not at all; they're very good students who in large part have received less exposure to English than their classmates. Their verbal SAT scores say nothing about prospects for graduating. Indeed, while native English-speaking Stony Brook students score as many as 125 points higher on the verbal SAT than students whose families have recently immigrated, graduation rates for the immigrant students actually are higher — in the range of 55 to 60 percent as compared to 52 to 55 percent for the general undergraduate population.

—Forbush





### Intramural Program Now Underway for Fall '91

The Intramural Department of the university's Indoor Sports Complex is sponsoring athletic teams and events for the fall semester open to students, faculty and staff in the university community. Some are already underway: flag football, wiffleball and beach volleyball. Racquet sports including tennis and paddleball have also started.

Registration is still open for team and single/doubles sports as well as other upcoming special events in the next two months. Volleyball registration closes Oct. 24. Basketball registration begins on Nov. 25 and closes Dec. 12. Intramural squash registration runs through Oct. 18.



The Intramural Department is also sponsoring a 5K run series. The first in the series, the Homecoming Run for Scholarships, will take place during Homecoming Weekend, on Oct. 20 at 10:00 a.m. The Turkey Trot will be held on Nov. 23 at 10:00 a.m. The Schick Super Hoops: 3 on 3 Basketball Tournament will be held on Nov. 26 at 5:00 p.m. An intramural miniature golf classic is also planned for this semester.

The Intramural Department also offers the Stony Brook Intramural Fitness Club. The club, open to faculty, students and staff, runs a 12-week program from Sept. 22 to Dec. 14. The program is designed to encourage participants to work out three times per week. The Intramural Department monitors the progress of Fitness Club members and awards t-shirts, certificates and Fitness Club towels to qualifying members at the end of the semester. Workouts include running, swimming, bicycling, walking, aerobics and weight training. Fee: \$6.00.

The Intramural Department will hold several one-day events during Campus Life Time on Wednesdays from 12:40 to 2:10 p.m. The fall schedule is as follows:

- Oct. 16 — Jigsaw Puzzle Contest
- Oct. 23 — Soccer Shoot Accuracy Contest
- Oct. 30 — Pickleball Singles Competition
- Nov. 6 — 3 Point Shot Competition
- Nov. 20 — Wallyball Mini Tournament
- Nov. 27 — H-O-R-S-E Basketball Contest
- Dec. 4 — Table Tennis Singles Tournament

Registration will take place the day of the event at the Indoor Sports Complex. For more information on intramurals and the Fitness Club, call the Intramural Department at 632-7168 or stop by the office in the Indoor Sports Complex.

### University Association Awards Scholarships at Brunch

The University Association awarded scholarships to three juniors, who have shown exceptional achievement both academically and in service to the university community, at a ceremony on Sunday, September 29. The winners are Rachel Gilligan of Ronkonkoma, Linda M. Isbell of Moriches, and Meegan Pyle of Evergreen, N.Y.

President John H. Marburger presented each student with a check for \$800 at the annual University Association Brunch. The awards are funded by the association's Progressive Dinner, held last April.

Also at the brunch, Leta Edelson, president of the University Association, presented the Campus Benefit Fund awards to the Office of Foreign Student Affairs and to the Student Emergency Fund in the Office of the Vice President for Student Affairs. These awards, \$310 each, given annually to one or two campus offices or organizations that have demonstrated unusual need, are funded by the proceeds of last year's plant sale.



Rachel Gilligan, Linda M. Isbell and Meegan Pyle received University Association scholarships.



Lynn King Morris, director of the Office of Foreign Student Affairs, and Fred Preston, vice president for Student Affairs, with University Association President Leta Edelson.

### Service Awards List

Plans are being made for the 1991 Service Awards ceremony to honor those who have worked at the University at Stony Brook for 30, 25 or 20 years. Time on the research payroll is included. If this is an anniversary year for you, please call Victoria McLaughlin, Human Resources, 632-6158 to confirm that you are on the list.

### Public Safety Offers Talks

The community relations office of the Department of Public Safety has speakers available to talk on issues of community awareness. Topics include campus, personal and residential safety; Operation I.D., and the role of the university police department. For information on scheduling training sessions or lunch talks, call Lt. Douglas Little at 632-7786.

### Dependent Care Enrollment Open to Subscribers Now

From now through November 15, those who wish to participate in the 1992 Dependent Care Advantage Account Program may sign up. Those already enrolled in the program are required by the Internal Revenue Service to sign up again. Information about this program will be available at a meeting on October 17 in the Javits Lecture Center, Room 105, at 12:30 p.m. For additional information or an enrollment brochure, contact Audrey Graf at 632-6163.

### Lectures: Women and Work

A series of public lectures will examine women's struggle to achieve equality in the workplace — part of a course on "Women, Work and Dollars" at the Harriman School for Management and Policy, taught by instructor Anna Soukas.

All lectures will be held on Thursdays at 7 p.m. in Harriman Hall, Room 116.

- Oct. 17: Glenn Jennings, assistant director for Equal Opportunity, BNL; *Employer's Responsibility for Investigation of Sexual Harassment and Workforce Diversity*.

- Oct. 24: Joan Weinstein, USB lecturer, and Naomi Rosenthal, professor of American Studies, SUNY Old Westbury; *Comparable Worth*.

- Nov. 14: Anne Preston, USB assistant professor; *Why Have All The Women Gone: A Study of the Exit of Women from the Science and Engineering Professions*.

For further information, call the Center for Labor/Management Studies, 632-7770.

### University Expands Short-Term Metered Parking Facilities

Visitors to the university now have additional short-term parking on the main campus. Metered spaces encourage rapid turnover, making it easier to find a place to park in order to obtain tickets to cultural and sporting events at the Staller Center, Indoor Sports Complex or Stony Brook Union or to make brief stops at campus facilities such as the book store.

Short-term metered parking is now available behind the Stony Brook Union (38 spaces); along the Fine Arts Loop (14 spaces), at the Indoor Sports Complex (16 spaces), near the Administration Building (20 spaces) and in the Graduate Chemistry building lot (29 spaces) — the latter two areas the latest to be designated for short-term parking. Metered parking costs 25 cents per 15 minutes, up to a maximum of two hours.

Metered parking is enforced in all areas from 8 a.m. to 8 p.m. except for the Indoor Sports Complex where meters operate around the clock.

### Special Olympics Coming to Campus

The Suffolk County Special Olympics will hold the sixth annual Adult Fall Games on Sun., Oct. 27, on the Stony Brook campus. The Special Olympics organization is seeking volunteers to help out on the day of the event, which will bring about 2,500 visitors to campus. For information about volunteering, call Nancy Mariano at 928-4489.

### Center for Italian Studies Hosts Symposium on Cinema

A daylong symposium on "The Image of the Italians and the Italian-Americans in the Movies" will be held Sat., Oct. 19, from 8:30 a.m. to 3:30 p.m. in the Alliance Room of the Frank Melville Jr. Memorial Library.

The symposium, sponsored by the Long Island Center for Italian Studies, is free and open to the public.

John Anderson, movie critic of *Newsday*, will deliver the keynote address. Participating in the panel discussion will be Vic Skolnick, director of the New Community Cinema (Huntington); Robert Karmon, professor of English, Nassau Community College; and Anthony Tamburri, associate professor of foreign languages and literature, Purdue University.

Lunch will be available, but advance reservations are required; reservations are not necessary for the symposium. For information and reservations, call the Center for Italian Studies, 632-7440.

### Artist's Reference Materials Given to Study Center

Through the generosity of Ted Dragon, heir to the estate of artist Alfonso Ossorio, nearly 600 books, exhibition catalogs, art magazines and documents have been presented to the Pollock-Krasner House and Study Center in East Hampton. The center is a project of the Stony Brook Foundation, the not-for-profit corporation of the University at Stony Brook.

The gift, appraised at \$20,000, enlarges and strengthens the study center's art reference library, recently installed in a specially converted room at the facility located at 830 Fireplace Road.

The study center was established in 1988 under the terms of Lee Krasner's will as a facility for research on 20th-century American art. The core collection is the personal library of Krasner and her husband Jackson Pollock, two of the most prominent Abstract Expressionist painters.

"This is by far the most valuable acquisition to date," says Helen A. Harrison, director of the facility. "The material deals in depth with Pollock, Krasner and their circle, as well as the influences on them."

Both Dragon and Ossorio were close personal friends of Pollock and Krasner. Ossorio, one of Pollock's early patrons, died in December 1991. The portion of his library donated to the facility includes monographs on Pollock, Clyfford Still, Barnett Newman, Louise Nevelson, David Smith and other members of the post-war vanguard, together with general art reference books.

Rare exhibition catalogs and articles from the 1950s were also donated, along with books on the European modernists, Native American and Asian art — influential forces that contributed to the development of the New York School.

The study center, which comprises an oral history collection of audio and video tapes in addition to the art reference library and archive, is open to scholars, students and the public by appointment.

### Donations Enrich Oral History Collection at Pollock-Krasner

A set of audio and video recordings have been donated to the Pollock-Krasner House and Study Center's oral history collection. One of these interviews includes a session with Lee Krasner in her Manhattan apartment.

Made in the early 1970s by Hermine Freed of New York and East Hampton, the collection of 14 videotaped interviews includes conversations with Adolph Gottlieb, Constantino Nivola and other artists.

Irving Kaufman, a producer for the radio station of the University of Michigan at Ann Arbor, donated an important collection of audio interviews to the Pollock-Krasner House. A member of the university's art faculty, Kaufman had the opportunity to interview many artists during the early 1960s and discuss their work and the creative process.

Another artist, Shirley Lazarus Toran, donated an audio recording of Lee Krasner speaking on her life and career at the Nassau County Museum of Fine Art in Roslyn in 1979. The tape also records the audio track of Barbara Rose's 1978 film, *Lee Krasner: The Long View*.

Other contributions have been made by educational centers and museums in Manhattan. The Philip Morris branch of the Whitney Museum of American Art contributed a tape entitled, "Abstract Expressionism: Other Dimensions," and The School of Visual Arts donated a recording of the panel discussion, "Action and Reaction: Jackson Pollock's Influence."





MAXINE HICKS  
Edith Steinfeld

Stony Brook faculty were among those honored by the Department of Energy's Office



MAXINE HICKS  
David Ferguson

of Minority Economic Impact for two programs that encourage minority students to pursue careers in math and science: the Science and Technology Entry Programs and the Minority Research Apprentice Program. Stony Brook was the only institution to receive two awards in the DEO's Math/Science Leadership Development and Recognition Program.

Honored were David Ferguson, professor of Technology and Society, Edith Steinfeld, co-director of the Science and Technology Entry Programs, and Wendy Katkin, associate dean, who coordinates the Minority Research Apprentice Program. Steinfeld was also a recent recipient of the 1991 President's Award for Excellence in Equal Opportunity/Affirmative Action. For over 20 years, Steinfeld has been a "highly successful administrator and manager of programs that have directly provided equal opportunity for thousands of students," said President John H. Marburger.

Katkin is presently on leave from the university through June of 1992.

One undergraduate, four graduate students and one faculty member at Stony Brook have been awarded computers from NCR Corpora-

tion in recognition of their work in developing instructional software. The awards, worth approximately \$3,000 each, mark the final year of NCR's three-year University Partner Program.

The NCR program has been administered by faculty members at the Harriman School for Management and Policy. According to George Pidot, Jr., associate dean of the Harriman School, "The NCR grant has provided the university with an opportunity to reinforce its commitment to innovation in instructional computing."

Winning students, their categories and projects are: undergraduate Scott Van Hatten, Aggregate Planning Models; graduate students Uday Narang, Financial Models; Ioannis Smarianakis, Financial Models; Filippos Karetsas, Stock Market Model; Mihail Chlouverakis, Stock Market Model; and faculty member Jadranka Skorin-Kapov, Systems Analysis and Design Tools.

The Guild Trio's Janet Orenstein, violin; Patty Tao, piano; and Brooks Whitehouse, cello; won the Yellow Springs Chamber Music Competition in Ohio. They were among 20 groups worldwide to participate in the International Chamber Music Competition in Melbourne, Australia during July. Orenstein and Tao are graduate students in the Department of Music. Whitehouse is an alumnus.

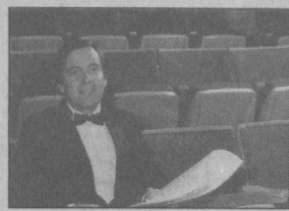
Susan Bostwick, a third-year medical student, has received the CIBA Geigy Award for Outstanding Community Service. During 1990-91, Bostwick chaired the medical students' AIDS Community Teaching Project, which promotes AIDS education and awareness in grades 7 through 12 of Suffolk County high schools. In past years, the program has involved more than 1,000 high school students. Bostwick was awarded a set of the *Netter Atlas* volumes, a series of medical illustration books.

Magdalena Chocano, graduate student in the Department of History, was awarded a research fellowship by Brown University to study at the John Carter Brown Library, a center for advanced research in the humanities. She is

one of 17 scholars from around the world to receive the honor for the 1991-92 academic year. Chocano will study "Intellectual Dissent and Compliance in the Political Culture of 17th-Century New Spain."

Carl E Hanes, deputy to the president for special projects, has been elected chairman of the board of the National Association of College and University Business Officers (NACUBO), an association of more than 20,000 financial and business officers from more than 2,000 colleges and universities in the United States and abroad.

David Lawton, professor of music and director of the Stony Brook Opera Ensemble, conducted the modern American premiere of Verdi's opera *Le Trovatore*, which



WILL MERCER  
David Lawton

was broadcast nationally in August on National Public Radio. *Le Trovatore* is the French language version of *Il Trovatore*, and it contains additional music specially composed for the Paris opera. The performance was by the Tulsa Opera and the Tulsa Philharmonic of Oklahoma.

Michael Lowenstern, graduate music student, was awarded second prize in the 1991 International Gaudeamus Interpreters Competition. His performance was on bass clarinet. Forty-eight soloists and ensembles from 14 countries participated in the competition.

Kent Marks, graduate music student, has been awarded the 1991 Brian M. Israel Prize by the Society for New Music for his composition "Dies Irae Variations." The work is scored for flute, string bass and percussion, and is scheduled for performance in the Society's 1991-92 series. Marks expects to complete a Ph.D. in 1992.

Iwao Ojima, professor of chemistry, has been awarded a grant from the National Institute of General Medical Sciences, a division of the U.S. Department of Health and Human Services, for his work on the asymmetric synthesis of non-protein amino acids.

Tae L. Park, clinical assistant professor in the Department of Radiation Oncology at University Hospital, will present a paper on "The Implication of New International Federation of Gynecology and Obstetrics Surgical Staging for Patterns of Failure and Survival in Endometrial Carcinoma" at the annual meeting of the Radiological Society of North America in Chicago in December.

Mary Robinson, graduate student in mathematics, was awarded the Renate W. Chasman Scholarship for Women by the Brookhaven National Laboratory's Women in Science. The scholarship was created to encourage Long Island



Mary Robinson

women to resume formal education in scientific and technical fields. Robinson enrolled at Stony Brook in 1990, 15 years after completing her bachelor's degree at SUNY Binghamton. During those years Robinson married, raised three children and work part time as a math tutor. She expects to receive her master's degree in 1992.

Wolf Schaefer, professor of history, has been elected by the Technical University of Darmstadt, Germany, for its annual guest professorship in interdisciplinary studies, sponsored by the SEL Foundation. Schaefer, who specializes in social history and the history of science and technology, came to Stony Brook in 1989. He will spend the 1991-92 academic year in Darmstadt and lecture on his recent work in "global history." Schaefer presented a talk this summer at the first international conference on global history in Bellagio, Italy.

## TRANSITIONS

### Appointments

Matthew J. Sobol, leading professor at the W. Averell Harriman School for Management and Policy, the Department of Applied Mathematics and Statistics and the Institute for Decision Sciences at Stony Brook, has been named acting dean of the Harriman School, effective this fall.



MAXINE HICKS  
Matthew Sobol

Sobol replaces Gerrit Wolf, whose term of office expired in August, 1991. "I deeply appreciate the work and effort that Dr. Wolf has put into the Harriman School," said Provost Tilden

G. Edelstein, who announced the new appointment. Under Wolf's leadership, the Harriman School adopted its current name and broadened its curriculum, adding concentrations in private sector and not-for-profit management. Wolf introduced the undergraduate major in business management, the fastest growing undergraduate program in the university.

Developments at Harriman "have coincided with changes in the academic and management environment," said Edelstein. "The national and regional economies are in a state of transition, and the need for trained managers is forecast to grow significantly in this decade and to require a new mix of skills and expertise. Harriman needs to consolidate its position and develop strategies that will target its efforts to the changing circumstances and capitalize on new opportunities. I am pleased that Dr. Wolf will be continuing to work closely with Dr. Sobol and colleagues on the

faculty to help plan Harriman's future."

"Dr. Sobol is a distinguished scholar, and I look forward to working with him on the continued development of the school," added Edelstein.

A USB faculty member since 1986, Sobol has focused his research and teaching activities in the areas of production and operations management, operations research and decision sciences. He co-authored one of the standard references in operations research and, in addition to conducting funded research, he consults widely in the public and private sectors. Currently, he is conducting research on the use of computer integrated manufacturing systems in businesses throughout Long Island. The study is funded by a grant from the Regional Economic Development Council.

Sobol's interests also include environmental sciences, and he serves as a member of the environmental sciences academic advisory board at Central European University, an institution sponsored by the governments of Hungary, Czechoslovakia, Poland and Slovakia. Through his efforts, three graduate students from Poland, Rumania and Lithuania are attending Stony Brook this fall.

A graduate of Columbia University, Sobol received his doctorate in operations research from Stanford University. He has held positions at Western Electric, the U.S. Public Health Service and Stanford Research Institute, and has taught at Yale University, University of Arizona and Georgia Institute of Technology.

Dr. John L. Coulehan has been appointed professor of medicine in the School of Medicine. Coulehan is a clinical ethicist, who will divide his time between teaching, seeing patients and working in the School of Medicine's Institute for Medicine in Contemporary Society. Prior to coming to Stony Brook, he was associate director for Education at the University of Pittsburgh's Center for Medical Ethics. Coulehan received his medical degree from the

University of Pittsburgh, where he also received a master's degree in public health.

Coulehan is also a poet and writer. His poetry has been published in the *Annals in Internal Medicine*, *Journal of the American Medical Association*, *Prairie Schooner* and *Manhattan Poetry Review*.

Ernest C. McNealey has been named associate vice provost for Undergraduate Studies and Special Programs, replacing Joan Moos, who retired this past summer. McNealey will assume responsibility for such programs as URECA, the Living Learning Centers, student internships, summer research programs for high school students, EOP/Aim, and more. He will also be responsible for expanding external funding in the area of undergraduate education.

Speaking of the appointment, Vice Provost for Undergraduate Studies Ron Douglas says, "We are very excited about Ernest McNealey's joining the university. The wealth and variety of his experience as academic vice president at Claflin College (South Carolina) make him familiar with all aspects of undergraduate education. We look forward to his role in developing all kinds of special programs and to his working to increase external funding in this area."

McNealey earned a B.S. in Art Education from Alabama State University in Montgomery, a Master's of Art and Teaching from Indiana University, and a Ph.D. in Art Education from Ohio State University.

William Wiesner, assistant vice provost for Undergraduate Studies, returned to Stony Brook in July after a one-year absence. His responsibilities include Summer Session — recently transferred from CED to Undergraduate Studies — and the development of programs to orient department chairs. He formerly served as president of the university's chapter of the U.U.P. and chairman of the board of the Stony Brook Child Care Corporation.

### OBITUARY

Fausto Ramirez, emeritus professor of chemistry, died on August 15, 1991.

Born in Cuba in 1923, he transferred after two years at the University of Havana to the University of Michigan in 1944. He earned his M.S. degree in 1947 and Ph.D. in 1949 with a thesis on steroid synthesis. He taught at Columbia University and the Illinois Institute of Technology before coming to Stony Brook (at Oyster Bay) in 1959. He remained on the faculty until ill health caused his retirement in 1985.

Professor Ramirez joined a faculty that totaled 15 professors. His success as a proposal and grant writer quickly brought post-doctoral candidates and research to the young institution and motivated his colleagues to emulate his efforts.

Most of Professor Ramirez's 300 papers were produced at Stony Brook. He earned Sloan, Guggenheim and Humboldt fellowships, the A. Cressy Morrison Award of the New York Acad-

emy of Science, and the Medal of the City of Paris. He was a pioneer in the use of X-Ray diffraction, nuclear magnetic resonance and electron spin resonance to study compounds and reactions, working with biochemists and biologists.

His zest for life as well as his devotion to his students, colleagues and research are recalled by Chemistry Professor William LeNoble, who recalls Ramirez's "well-organized lectures on phosphorus chemistry, delivered in slightly accented but beautifully precise English, and his fatherly advice to [his students].... And his colleagues will forever remember his flaming-eye harangues at faculty meetings...his wily one-upmanship, his lightning-fast responses to ill-conceived suggestions, his occasional hilariously ribald quips, his dogged defense of the apparently weaker student or assistant professor."

Survivors are Ramirez's wife Joan, son Colin and daughter Melissa.



# Stony Brook Athletics Reach Out to Campus and Community

In the spring of 1990, the Division of Physical Education and Athletics formed a public relations committee to generate enthusiasm for the university's athletic programs while increasing attendance at home events. Over the past academic year, the committee succeeded in attracting thousands of people to university sporting events and the new Indoor Sports Complex.

"At our first meeting a year and a half ago, each committee member was asked to bring a list of promotional ideas they thought might work to help increase attendance and awareness of Stony Brook athletics," said Ken Alber, chair of the public relations committee. "We were looking for any and all ideas that might create positive visibility. We had between 50 and 75 promotional ideas at that first meeting - some of them pretty unusual - that the committee's five original members narrowed down and fine-tuned.

"We received tremendous support from everyone in the division for our first events. In addition, James Nobles of the Educational Opportunity Program volunteers his time to attend our meetings and assist our efforts." Along with Alber and Nobles, current committee members include David Alexander, Paul Dudzick, Tony McMullen, Nick Sansom and Traci Thompson. Sue Ryan is a former member.

The committee's biggest success last year was the "Student Incentive Program." This project invited principals from about 20 elementary and junior high schools to develop incentive programs for which the reward would be free tickets to Stony Brook basketball games. "We experimented with four men's and women's games that elementary and junior high school students could attend as a group at no charge," said Dudzick, coordinator of the project. "It was an opportunity for these students to experience the excitement of Stony Brook basketball in the Indoor Sports Complex. This plan was extremely well received and we think it is an important outreach into the community surrounding Stony Brook."

Another success was "Red/Gray Night," which was held in January at a televised (L.I. Sports Network) men's basketball game. It was designed to promote school spirit, showcase the Indoor Sports Complex, and introduce Stony Brook fans to the television audience. All fans wearing red or



**At the Salvation Army Volunteer Recognition Luncheon, Jesse W. Starr, chair of the Salvation Army's Suffolk County Advisory Board, presents a certificate of appreciation to Susan Ryan, women's soccer coach, who accepted on behalf of the public relations committee.**

JIM MOONEY

gray received free admission.

"We were thrilled," said Alber. "We drew twice our normal attendance, and the enthusiasm of the fans created a positive image of Stony Brook. We are looking forward to expanding Red/Gray events to women's basketball and possibly other sports."

"Salvation Army Night" was a fun-raiser as well as a fund-raiser. The Salvation Army provided halftime entertainment in the form of a basketball competition between two local civic groups, and Stony Brook donated proceeds of its ticket sales in excess of the average net to the Salvation Army (\$450). "The people from the Salvation Army were thrilled: the game turned out to be one of their main fund-raising events of the year," said Dudzick. "Plans are already being made to have a similar event in the year ahead."

On "Proud of My Report Card Night," students who were brave enough to produce their report cards at the ticket window gained free admission.

Increasing student involvement is an important concern as committee member Traci Thompson pointed out. "Last season we conducted a 'Fan Appreciation Night' at which we gave away prizes. If we can obtain sponsorship, we are hoping to give away a weekend vacation at a 'Pack Your Bags Night.'"



Action on the court at "Red/Gray Night," USB vs. King's Point.



Fans show their spirit at last January's "Red/Gray Night."

ROBERT O'ROURK

To increase student use of the facilities, the Indoor Sports Complex held an Open House during Opening Week. Three hundred students came to see what the sports complex has to offer.

"The public relations committee was formed to increase the visibility of Stony Brook athletics, both on and off the cam-

pus," said Alber. "We are pleased with what we accomplished in the first year, but realize there are many areas of this campus that we have yet to reach."

Plans for 1991-92 include "Alumni Nights," a "United Way Night," a Thanksgiving Food Drive, as well as team visits to the Pediatric Unit at University Hospital.

## NCAA Will Not Impose Sanctions Against University in Castiglie Case

The NCAA will impose no sanctions against the University at Stony Brook in connection with its investigation of a loan made to a basketball player by former head basketball coach Joe Castiglie in 1988.

However, the NCAA Committee on Infractions did take action against Castiglie, imposing a three-year period during which he may take a coaching position at an NCAA member institution only after appearing before the committee. The committee would have the option of limiting Castiglie's athletically related duties at the new institution for a designated period.

In an inquiry that started last summer, NCAA investigators found that Castiglie had committed two violations: first, he made a \$118 loan to a player for an airline ticket, and second, he provided false and misleading information about the incident both to

the institution and to NCAA investigators.

"The tragedy of this case is that what might well have been secondary violations were compounded by the actions of the coach in misleading the university in its initial inquiry and providing false and misleading information to the NCAA enforcement representative in three subsequent interviews, thus resulting in a major violation," the Infractions Committee noted in its report.

Major violations carry serious minimum penalties, but the Infractions Committee is authorized to impose lesser penalties in unique cases for "specifically stated reasons." The committee took this option in the Stony Brook case, declining to impose any sanctions against the university.

Gratified by the ruling with respect to the university, President John H. Marburger noted that the Infractions Committee had

opted to consider Stony Brook a unique case for several reasons. "Particularly important was our prompt action to determine whether the allegations were true and the full cooperation we extended to the NCAA in its handling of the case," Marburger noted.

Additional factors, he added, were the fact that we "demonstrated complete institutional control over our athletic programs, and that the men's basketball team received little, if any, competitive advantage as a result of the violations."

Marburger said he was "disappointed" that the NCAA had opted to penalize Castiglie, but added, "It's the NCAA's decision and we respect it."

Castiglie resigned as head coach Aug. 1, a step that Marburger said reduced the possibility that the NCAA would impose sanctions against the program and demon-

strated Castiglie's "ultimate concern for the program and for his players."

Recognizing this, "we had hoped the Infractions Committee would not penalize Joe and we made a formal request to that effect at the August hearing," Marburger added.

"All of us at Stony Brook were impressed not only by Joe's energy and skills on the court, but also by his dedication as an educator who worked hard to ensure that his players received academic, advising and tutorial support," Marburger added. "Despite this single infraction, Joe left a very positive legacy for Stony Brook athletics. We will miss him."

A search has been initiated for an interim head basketball coach. Castiglie has returned to a teaching position at an area high school.



FRIDAY

OCTOBER 18

**The Employee Relations Council Golf Tournament.** 11:30 a.m. tee-off time. Middle Island Country Club. \$65/golf, cart, cocktail hour and buffet. \$24 per guest/cocktail hour and buffet. Call Kathy Yunger at 632-6459.

**Homecoming Street Fair.** Food, games, rides. Noon-6:30 p.m. Center Drive between Stony Brook Union and the Indoor Sports Complex.

**Inaugural Reception for the Art and Photography Exhibit, "Art in the Service of the Community."** 2:00-5:00 p.m. Refreshments. Stony Brook Union Art Gallery. Call 632-6822.

**Twister Competition** (sponsored by the Interfraternity & Sorority Council). 3:00 p.m. Grassy area between Physics and Center Drive.

**Texas Barbecue.** 4:30-7:00 p.m. Center Drive Street Fair (rain location: Dining Halls).

**C.O.C.A. Film, Terminator 2.** 7:00, 9:30 p.m. and midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

**Homecoming Comedian, Howie Mandel.** Sponsored by the Minority Planning Board and the Student Activities Board. 9:00 p.m. Indoor Sports Complex, East Wing. Call 632-6454.

SATURDAY

OCTOBER 19



**Alumni Registration and coffee.** 9:30 a.m.-2:00 p.m. Stony Brook Union lobby.

**Human Resources Workshop, "Packaging the Person,"** Lynn Johnson, career development and training specialist, human resources. A career-planning workshop. 10:00 a.m. 236 Stony Brook Union. Call 632-6136.

**Undergraduate Admissions, "Searching for the Right School."** A session on college planning and the admissions process. 10:00 a.m. 231 Stony Brook Union. Call 632-0505.

**Alumni Association Distinguished Alumnus and Outstanding Professor Award and Parents' Brunch.** 10:00 a.m. Javits Room, Library.

**Campus Tours.** 10:00 a.m.-2:00 p.m. (every hour on the hour). Stony Brook Union Lobby.

**Homecoming Parade.** 10:30 a.m.-noon. Begins in Tabler Quad parking lot. Contact Corey Miller, 632-6760, if you want to participate.

**University Hospital Tours.** 11:00 a.m. and 1:00 p.m. Departing from Administration Bldg.

**Homecoming Street Fair/Carnival.** Food, games, rides, and crafts vendors. 11:00 a.m.-6:30 p.m. Center Drive between Stony Brook Union and Indoor Sports Complex.

**Class of 1971 "Bring Your Own" Tailgate Party.** 12:30 p.m. North P lot. For details, call Tom Galgano at (516) 365-9802.

**Class of 1981 "Bring Your Own" Tailgate Party.** 12:30 p.m. North P lot. For details, call Rich Zuckerman at (516) 742-1470.

**Patriots vs. Wesley College Wolverines,** 1:00 p.m. Homecoming King and Queen crowned at halftime. Patriot Field. Call 632-7287.

**Music Alumni Reunion,** 2:30 p.m. Staller Center Recital Hall.

**Art Alumni Reunion,** 3:30 p.m. Art Department lobby, Staller Center for the Arts.

**Campus Residences/Residence Life Staff Reunion.** 3:30 p.m. Irving/O'Neill College lobby.

**Economics Alumni Reunion.** 3:30 p.m. Social and Behavioral Sciences lobby.

**Fortnight Alumni Staff Reunion.** 3:30 p.m. End of the Bridge Restaurant, Stony Brook Union.

**Harriman School Alumni Reunion,** 3:30 p.m. Harriman Hall lobby.

**Physics Alumni Reunion.** 3:30 p.m. Physics, P-level lobby.

**Theatre Arts Alumni Reunion.** 3:30 p.m. Main lobby, Staller Center for the Arts.

**CED Alumni and Friends Reception.** 6:30 p.m. Light refreshments, Faculty Show '91 exhibit, and a *Midsummer Night's Dream*. Staller Center Gallery Lobby. \$20/play and reception. Call Sandra Romansky, 632-7054.

**Class of 1986 Reunion.** 7:00 p.m. End of the Bridge Restaurant, Stony Brook Union.

**C.O.C.A. Film, Terminator 2.** 7:00, 9:30 p.m. and midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.



**Alumni Reunion Dinner Dance.** 7:00 p.m.-midnight. With members of the classes of 1966, 1971, 1976, and 1981. Stony Brook Union Ballroom. (Child care for 3 years and older, 6:30 p.m. - midnight, 226 Stony Brook Union. For dinner dance guests only.) Call 632-6330.

**Staller Center Drama Series, A Midsummer Night's Dream** by William Shakespeare. The Acting Company opens its 20th season with one of the Bard's best comedies. 8:00 p.m. Staller Center for the Arts. \$22/\$20. Call 632-7230.

**Band TBA.** Sponsored by the Minority Planning Board and the Student Activities Board. 9:00 p.m. Call 632-6454 for information.

**Hispanic Heritage Month Event, "Copacabana Night."** 9:00 p.m. Sponsored by the Latin American Student Organization. Bi-level, Stony Brook Union. Call 632-6820.

SUNDAY

OCTOBER 20

**Registration for 5K Run for Scholarships.** 9:00 a.m. Indoor Sports Complex lobby.

**Walkers and Physically Challenged race starts.** 9:45 a.m.



**Runners race starts.** 10:00 a.m.

**Homecoming Pancake Brunch and Trophy Presentation.** A traditional brunch served by USB faculty and staff. 11:00 a.m. Stony Brook Union North Patio.

**C.O.C.A. Film, Terminator 2.** 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

**Staller Center Drama Series, Blood Knot** by Athol Fugard. Performed by The Acting Company. A woman creates a rift and triggers longstanding resentments between two South African brothers. 7:00 p.m. Staller Center for the Arts. \$22/\$20. Call 632-7230.

MONDAY

OCTOBER 21



**The Wellness Program Stress Management Series, "Stress Management: Mastering Relaxation Techniques."** Noon. Health Sciences Center, room TBA. Sponsored by the Office of Human Resources. Call 632-6136.

**University Counseling Ctr. Group Shop Workshop, "Stress Management."** Noon-1:30 p.m. Free. To register, call 632-6715.

**Computing Services Workshop, XEDIT II.** Focuses on the concept of targets and their use in moving through a file, as well as making changes within a file. Users should obtain an account on the IBM VM/XA system before taking this course. 3:00-5:00 p.m. Preregistration required. Call 632-7795.

**Women's Studies Lecture, "Women in Cuba,"** Barbara Weinstein, associate professor, history. 4:00 p.m.; reception follows. Peace Center, Old Chemistry. Call 632-7688.

**University Hospital and the American Cancer Society, "Cancer Support Group for Patients' Family and Friends,"** 7:00-8:30 p.m. South Tower Conference Room 104, Level 14, Health Sciences Center. Free parking; validate at meeting. Call 444-1550.

TUESDAY

OCTOBER 22

**Computing Services Workshop, "Introduction to ALL-IN-1."** 10:00 a.m.-noon. Preregistration required. Call 632-7795.

**Dept. of Psychiatry & Behavioral Science Grand Rounds.** Steven Ferris, New York University. 11:00 a.m.-12:30 p.m. Lecture Hall 4, level 2, Health Sciences Center. Call 444-2988.

**Career Women's Network Luncheon,** Ana Maria Torres, director, HSC Student Services. Noon. SB Union Ballroom. Call 632-6040.

**The Wellness Program, "Menopause."** Noon-1:00 p.m. Health Sciences Center, room TBA. Free. Sponsored by the Office of Human Resources. Call Carol Manning at 444-2425.

**Women's Soccer vs. Columbia.** 3:30 p.m. Call 632-7287.

**University Counseling Ctr. Group Shop Workshop, "Creating Healthy Boundaries."** 5:30-7:00 p.m. Free. Call 2-6715.

**The Alternative Cinema at Stony Brook, The Exterminating Angel.** This fascinating allegory on the corrupt ruling class concerns a bizarre dinner party at which the guests, detained for days by a mysterious force, revert to their basest instincts. Directed by Luis Bunuel. (Spanish with English subtitles.) 7:00 and 9:30 p.m. Stony Brook Union Auditorium. \$2. All tickets available at the door. Call 632-6136.

WEDNESDAY

OCTOBER 23

**Computing Services Workshop, "LOTUS."** Hands-on session. 9:00 a.m. - noon. Preregistration required. Call 632-7795.

**CED Management, Trade & Technical Seminar Series, "Public Speaking: Presentation Skills for Professionals."** Two days (10/24); 9:00 a.m. -4:30 p.m. \$295; preregistration required. Call 632-7071.

**Hispanic Heritage Month Discussion, "Issues Affecting Hispanic Youth,"** Sandra Ruiz, executive director, Suffolk County Youth Bureau. 12:40 p.m.; reception follows. Auditorium, Stony Brook Union. Call 632-6828.

**Campus Life Time Meeting, Club India.** 12:40 p.m. Room 236, Stony Brook Union.

**Campus Life Time Meeting, WUSB FM.** 12:40 p.m. Room 237, SB Union. Call 632-6500.

**Campus Life Time, Hispanic Food Festival.** An Hispanic Heritage Month program. 12:40 p.m. Fireside Lounge, SB Union. Call 2-6828.

**University Counseling Ctr. Group Shop Workshop, "Time Management for Academic Success" Workshop I.** (For freshmen only.) 1:00-2:00 p.m. Free. To register, call 632-6715.

**University Counseling Center Support Group, "Child Sexual Abuse Group."** A support group for women to explore their current feelings about child sexual abuse and how to continue healing. (Wed. until 11/20.) 1:00-2:00 p.m. Free. To register, call 632-6715.

ART EXHIBITS

**Through November 2:** "The Faculty Show '91." On exhibit are paintings, sculptures, prints, photographs and video drawings by 16 faculty members of the Department of Art. Noon-4:00 p.m., Tuesday-Saturday University Art Gallery, Staller Center for the Arts.



"Sunken Treasures Guided Pleasures" Ceramic with glazes, lusters, acrylic paint, glitter, glass gems, by Tony Bounagurio.

**October 18-31:** "Art in the Service of the Community." Marlene Williams, photographs - Heifer Project International; Nicaraguan Paintings - Quest for Peace. In celebration of Hispanic Heritage Month. Noon - 5:00 p.m.; Monday-Friday. Union Art Gallery, 2nd floor, Stony Brook Union.

**Computing Services Workshop, "Vi Editor."** An introductory course. Users should obtain an account on the HP-UNIX network before taking this course. 3:00-5:00 p.m. Preregistration required. Call 632-7795.



**Department of Music, University Wind Ensemble.** Program includes works of Williams, Gershwin, and Loewe. 8:00 p.m. Staller Center for the Arts. Free. Call 2-7330.

THURSDAY

OCTOBER 24

**Computing Services Workshop, "WordPerfect."** 9:00 a.m.-noon. Free; preregistration required. To register, call 632-7795.

**Chemistry Dept. Physical Chemistry Seminar, Hydrophobic Effect - title TBA,** Andrew Pohorille, Univ. of California at Berkeley. 12:30 p.m. (light refreshments at noon). Room 412, Chemistry. Call 632-7880.

**Computing Services Workshop, "CMS II."** Advanced commands such as FILEDEF and the concept of the Virtual Machine. Obtain an account on the IBM VM/XA system before taking this course. 3:00-5:00 p.m. Preregistration required. To register, call 632-7795.

**Chemistry Dept. Organic Chemistry Seminar, Ronald Halterman,** Boston University. 4:00 p.m. 412 Chemistry. Call 632-7880.

**Distinguished Corporate Scientist Lecture Series, "Structure and Activities of FGFs and VEGs,"** Kenneth Thomas, Merck Sharp & Dohme Research Laboratories. 4:00 p.m. Room 038, Life Sciences. (Sponsored by Center for Biotechnology/Dept. of Pathology). Free. Call Donna Moran, 632-8521.

**Hispanic Heritage Awards Dinner,** sponsored by LASO and UUL. 6:30 p.m. Stony Brook Union Ballroom. \$10; \$5/student I.D.

**Department of Theatre Arts Presentation, Brezhnev's Children.** A series of true life stories related by seven women in a state Soviet maternity ward in Moscow, 1985. Directed by Tom Neumiller. Th/F/S - 8:00 p.m.; Sunday - 2:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.



## FRIDAY

OCTOBER 25

C.O.C.A. Film, *Backdraft*. 7:00, 9:30 p.m. and midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

Department of Theatre Arts Presentation, *Brezhnev's Children*. Directed by Tom Neumiller. 8:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.

## SATURDAY

OCTOBER 26

Center for Corporate Continuing Education & Training (CCCET) PC Series, "Advanced Topics in PageMaker." 9:00 a.m.-noon; Saturdays. Preregistration required. Call 632-7071.

University Counseling Ctr. Group Shop Workshop, "Basics of Healthy Eating." 10:00 a.m.-noon. Free. To register, call 632-6715.

Men's Soccer vs. Vassar. 1:00 p.m. Call 632-7287.

C.O.C.A. Film, *Backdraft*. 7:00, 9:30 p.m. and midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

Staller Center Dance Series, "Ballet Stars of Eastern Europe." Dancers from the Bolshoi Ballet, the Great Theatre of Warsaw, and the Hungarian, Czech, and Bulgarian National Ballet companies. 8:00 p.m. Staller Center for the Arts. \$22/\$20. Call 632-7230.

Department of Theatre Arts Presentation, *Brezhnev's Children*. Directed by Tom Neumiller. 8:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.

## SUNDAY

OCTOBER 27

Special Olympics. 7:00 a.m. - 4:00 p.m. Indoor Sports Complex. Call 632-7200.

Department of Theatre Arts Presentation, *Brezhnev's Children*. Directed by Tom Neumiller. 2:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.

Department of Music, NY Chapter of the American Choral Directors Association presents an informal reading of Mozart's *Coronation Mass* and Brahms' *Nanie* and *Schicksalslied*. Conducted by Robert Page, music director of the Mendelssohn Choir of Pittsburgh, the Pittsburgh Symphony Orchestra, and the Robert Page Singers. 7:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7330.

C.O.C.A. Film, *Backdraft*. 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-647

## MONDAY

OCTOBER 28



Computing Services Workshop, "ALL-IN-1 Time Management." ALL-IN-1 Version 2.3. 10:00 a.m.-noon. To register, call 632-7795.

Computing Services Workshop, "Introduction to WordPerfect." Version 5.1. 10:30-11:30 a.m. Preregistration required. Call 632-8050.

Chemistry Dept. Inorganic/Organometallic Chemistry Seminar, "Ruthenium Clusters," Andrew Edwards, Cambridge University, England. 11:30 a.m. Room 412, Chemistry. Call 632-7880.

Long Island Veterans Home Opening Ceremony. 11:00 a.m. Keynote speaker will be Governor Mario Cuomo. Further details TBA. L.I. Veterans Home. Call Deborah Schreifels at 444-8615.

The Wellness Program Stress Management Series, "Aspects of Co-Dependency." Behavior and characteristics of the co-dependent lifestyle in which one puts the needs of others before one's own. Noon. Health Sciences Center, room TBA. Sponsored by the Office of Human Resources. Call 632-6136.

Men's Soccer vs. C.W. Post. 3:00 p.m. Call 632-7287.

Computing Services Workshop, "Networks & Mail." The class will be expansive, covering the IBM, VAX, ALL-IN-1, and Unix Systems. 3:00-5:00 p.m. Preregistration required. Call 632-7795.

University Counseling Ctr. Group Shop Workshop, "Awakening Your Inner Self." Experiential workshop to help participants contact their intuitive or "higher self." 7:00-8:30 p.m. Free. To register, call 632-6715.

Humanities Institute Cosponsored Film Series, *Hanging with the Home Boys*. A hilarious comedy about four streetwise guys in the Bronx. (Cosponsored with the Greater Port Jefferson Arts Council and the Port Jefferson Village Cinema.) 8:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$4; 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.

## TUESDAY

OCTOBER 29

Dept. of Psychiatry & Behavioral Science Grand Rounds, "Case Presentation: Adult Inpatient," Andrew Francis, director, Inpatient Adult Services. 11:00 a.m.-12:30 p.m. Lecture Hall 4, level 2, Health Sciences Center. Call 444-2988.

University Counseling Ctr Group Shop Workshop, "Study Skills." Noon-1:15 p.m. Free. To register, call 2-6715.

The Wellness Program, "Total Tone Class." T/Th; 5:00-6:00 p.m. Indoor Sports Complex, Exercise Room, lower level. \$30/grad students; \$32/faculty & staff. Sponsored by the Office of Human Resources. Call Cynthia, 632-6136.

University Counseling Center Support Group, "Adult Children of Alcoholics." (Ongoing; Tuesdays until Nov. 12.) 6:00-7:30 p.m. Free. To register, call 632-6715.

The Alternative Cinema at Stony Brook, *Nosferatu* (7:00 p.m. only). 1922 German silent movie. Directed by F.W. Murnau. (Live musical accompaniment provided by Harry Weiss.) *Nosferatu, the Vampyre*. Beautifully photographed and terrifying, Herzog's literate adaptation of *Dracula* elaborates on the tragically ambiguous count of the 1922 version. (German with English subtitles.) 7:00 and 10:00 p.m. SB Union Auditorium. \$2. Tickets at the door. Call 632-6136.

## WEDNESDAY

OCTOBER 30

Center for Corporate Continuing Education & Training (CCCET) PC Series, "Advanced Topics in WordPerfect 5.1." 3 successive Wednesdays. 9:00-11:00 a.m. Preregistration required; \$95. Call 632-7071.

Computing Services Workshop, "WordPerfect." 9:00 a.m.-noon. Free; preregistration required. To register, call 632-7795.

### ALTERNATIVE CINEMA SCREENS HAUNTING/HAUNTED FILMS

The Alternative Cinema at Stony Brook will present a fall season of films centered on the theme, "Shadows, Spirits and Doubles." The films are shown in the Stony Brook Union Auditorium on Tuesday evenings at 7 p.m. and 9:30 p.m.

Nine international films will be shown, all of them provocative and innovative in subject matter and unsentimental treatment of character, all suffused with unusual relationships, inexplicable occurrences, and stories—real, fantastic and allegorical.

General admission is \$2.00 or \$12.00 for all nine films. Tickets are available at the door.

The cinema schedule is as follows:

**El Sur** Oct. 15

Directed by Victor Erice and released in 1983. In Spanish with English subtitles, black and white, 94 minutes. A young girl, beguiled by her father's past in Southern Spain, creates her own sultry landscape from movie posters and her childhood memories.

**The Exterminating Angel** Oct. 22

Directed by Luis Bunuel, 1962. Starring Silvia Pinal and Jacqueline Anders. In Spanish with English subtitles, black and white, 91 minutes. This allegory on the corruption of the ruling class involves a bizarre dinner party at which the guests, detained for days by some mysterious force, revert to their basest instincts.

**Nosferatu** Oct. 29

Directed by F.W. Murnau in 1922. Starring Max Schreck, Greta Schroder, and Alexander Granek. German, silent, black and white, 60 minutes. Based on *Dracula*, Murnau's film will be accompanied by live music by Harry Weiss. *Nosferatu* will be shown as a double feature at 7 p.m. along with director Werner Herzog's 1979 adaptation of the *Dracula* story, *Nosferatu the Vampyre*. Herzog's film, in color, stars Klaus Kinski, Isabel Adjani and Bruno Ganz, and runs 107 minutes. *Nosferatu* will only be shown at 7 p.m. *Nosferatu, the Vampyre* will be repeated at 10 p.m.

**Wings of Desire** Nov. 5

Directed by Wim Wenders, 1987. Starring Bruno Ganz, Solveig Domimartin and Peter Falk. In German with English subtitles, color and black and white, 130 minutes. Wender's film, noted for its use of color and camera work, tells a love story about a cynical angel who falls for a beautiful trapeze artist.

**Shadow of a Doubt** Nov. 12

Directed by Alfred Hitchcock in 1943. Starring Joseph Cotten, Teresa Wright and Hume Cronyn. In black and white, 108 minutes. This film from the master of suspense is his own favorite and fuses suspense and humor, alternating between worlds of nightmare and middle class normalcy.

**Dead Ringers** Nov. 19

Directed by David Cronenberg in 1988. Starring Jeremy Irons and Genevieve Bujold. In color, 115 minutes. This unnerving story, based on actual events, depicts the unusual relationship between twin gynecologists and their descent into depravity and madness.

CED Management, Trade & Technical Seminar Series, "Technical Writing Skills for Professionals." Two days (10/31); 9:00 a.m.-4:30 p.m. \$295. To register, call 632-7071.

Hispanic Heritage Month Program, "Godparenting in the Hispanic Community," Carlos Vidal, lecturer, School of Social Welfare. 12:40 p.m. Room 231, SB Union.

Campus Life Time, Chinese Culture Day Celebration. 12:40 p.m. Fireside Lounge, Stony Brook Union. Call 632-6828.

Campus Life Time Meeting, Club India. 12:40 p.m. Room 236, Stony Brook Union.

Campus Life Time Meeting, WUSB FM. 12:40 p.m. Room 237, SB Union. Call 632-6500.

Campus Life Time Meeting, Asian Students Association. 12:40 p.m. 226 SB Union.

University Counseling Center Support Group, "Eating Concerns Group." (Wednesdays until 12/4). For students only. 1:00-2:00 p.m. Free. To register, call 632-6715.

University Counseling Ctr. Group Shop Workshop, "I Never Told Anyone." (For Men Only.) Presentation regarding the complex issues of child sexual abuse. Ongoing discussion follows. Confidentiality assured. 3:00-4:30 p.m. Free. To register, call 632-6715.

Women's Soccer vs. Princeton. 3:30 p.m. Call 632-7287.

Women's Volleyball vs. New York University. 7:00 p.m. Call 632-7287.

Department of Music, Contemporary Chamber Players. New pieces by Stony Brook student composers. 8:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7330.

## THURSDAY

OCTOBER 31

Computing Services Workshop, "dBase." Hands-on introductory course. dBase II is used. Free. 9:00 a.m.-noon. Preregistration required. Call 632-7795.

Chemistry Dept. Physical Chemistry Seminar, "Diode Laser Studies of Collisional Energy Transfer," Ralph Weston, Brookhaven National Laboratory. 12:30 p.m. (light refreshments at noon). Room 412, Chemistry. Call 632-7880.

Chemistry Dept. Organic Chemistry Seminar, James M. Takacs, University of Nebraska. 4:00 p.m. 412 Chemistry. Call 632-7880.

Department of Theatre Arts Presentation, *Brezhnev's Children*. True life stories related by seven women in a state Soviet maternity ward in Moscow, 1985. Directed by Tom Neumiller. Thursday, Friday & Saturday - 8:00 p.m.; Sunday - 2:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.

## FRIDAY,

NOVEMBER 1

Last Day for removal of Incomplete & NR (no record) grades from spring & summer sessions.

Computing Services Workshop, "Delta-Graph." 10:00-11:00 a.m. Preregistration required. Call 632-8050.

Catholic Campus Ministry Mass. Noon. Level 5, Chapel, Health Sciences Center. Every Friday. Call 632-6562.

University Counseling Ctr. Group Shop Workshop, "Stress Management." Relaxing the body and mind. Noon-1:30 p.m. Free. To register and for room location, call 632-6715.

B'nai B'rith Hillel Foundation Services. 5:30 p.m. Roth Quad Dining Hall, lower level. Every Friday. Call 632-6565.

C.O.C.A. Film, *Boys-N-the-Hood*. 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

Department of Theatre Arts Presentation, *Brezhnev's Children*. 8:00 p.m. Theatre One, Staller Center for the Arts. \$8; \$6/student I.D. Call 632-7230.



**Stony Brook Fencing Club.** 8:00-10:00 p.m. Indoor Sports Complex (old gym dance studio). Every Friday. Call 585-8006.

## SATURDAY

NOVEMBER 2

**The Department of Neurology and the Epilepsy Foundation of Long Island Conference, "Living with Epilepsy."** 9:00 a.m.-3:00 p.m., Health Sciences Center Auditorium. The conference will launch the Stony Brook Comprehensive Epilepsy Program for the diagnosis and treatment of epilepsy. Presentations by experts in the field as well as a panel discussion. \$5/including lunch; \$10/family of three. Please call the Foundation at (516) 794-5500.

**B'nai B'rith Hillel Foundation Services,** 9:30 a.m.: Orthodox service, Roth Quad Dining Hall, lower level; Conservative service, Roth Quad Dining Hall, 2nd floor (in kosher dining room). Services followed by Kiddush (light refreshments). Every Saturday. Call 632-6565.

**Women's Stony Brook Volleyball Classic** with Western Connecticut, Upsala, Vassar. Noon. Call 632-7287.

**Football vs. Western Connecticut.** 1:00 p.m. Call 632-7287.

**Men's Soccer vs. New Jersey Tech (Skyline Conference Game).** 1:00 p.m. Call 632-7287.

**C.O.C.A. Film, *Boys-N-the-Hood.*** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

**Department of Theatre Arts Presentation, *Brezhnev's Children.*** 8:00 p.m. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SUNDAY

NOVEMBER 3

**Catholic Campus Ministry Mass.** 9:00 a.m. Level 5, Chapel, Health Sciences Center. Every Sunday. Call 632-6562.

**Department of Theatre Arts Presentation, *Brezhnev's Children.*** 2:00 p.m. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

**Department of Music Organ Series, Johannes Maria Bogner.** Clavichord/harpsichord/organ concert including solo works by Bach, Frescobaldi, Froberger and Scarlatti; concerto for organ and strings by Handel. 7:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7330.

**C.O.C.A. Film, *Boys-N-the-Hood.*** 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

## MONDAY

NOVEMBER 4

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Introduction to PageMaker."** 8:30-11:30 a.m.; 6 Mondays. \$195; preregistration required. Call 632-7071.

**Flea Market.** Bargains Galore! Faculty Student Association sponsored. 8:30 a.m.-4:00 p.m., SB Union Bi-level. Call Michelle Liebowitz to confirm, 632-6510.

**Catholic Campus Ministry Mass.** Noon. Level 5, Chapel, Health Sciences Center. Every Monday. Call 632-6562.

**Human Resources Wellness Program Stress Management Series, "Changing Co-Dependent Behaviors."** Noon. Health Sciences Center, room TBA. Call 632-6136.

**The Mentor Program, "Presentation on Overview of D.E.C."** Sandra Burner, assistant vice provost, undergraduate studies. Requirements and academic support services for undergraduate studies. 3:30-5:00 p.m. Office of Special Programs Conference Room, W-3520 Library. Call 632-7080.

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Introduction to WordPerfect 5.1."** M/W (through Dec. 9); 6:00-7:30 p.m. \$195; preregistration required. Call 632-7071.

**University Counseling Ctr. Group Shop Workshop, "Adult Children of Alcoholics."** Discuss the problems encountered by children growing up in an alcoholic home. (Participation is confidential.) 7:00-8:30 p.m. Free. Call 632-6715.

**University Hospital and the American Cancer Society, "Cancer Support Group for Patients' Family and Friends,"** 7:00-8:30 p.m. South Tower Conference Room 104, Level 14, Health Sciences Center. Free parking; validate at meeting. Call 444-1550.

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Intermediate WordPerfect 5.1."** M/W (through Dec. 9); 7:45-9:15 p.m. \$195; preregistration required. Call 632-7071.

## TUESDAY

NOVEMBER 5



**Election Day** (classes in session).

**Last Day** for undergraduates to withdraw from course or change courses to or from Pass/No Credit; last day for CED/GSP students to withdraw from one or all classes.

**SB Campus Committee Mid-Suffolk NOW Meeting, "Thelma and Louise."** Noon. Discussion of film. S216 Ward Melville Social & Behavioral Sciences. Free. All welcome. Call 632-7100.

**Catholic Campus Ministry Mass.** Noon. Level 5, Chapel, Health Sciences Center. Every Tuesday. Call 632-6562.

**University Counseling Ctr. Group Shop Workshop, "Interactive Circle of Communication."** (Also Nov. 12). Noon-1:30 p.m. Free. To register, call 632-6715.

**Physics Department Colloquium, "QED Effects in Atomic Physics,"** Jonathan Sapirstein, University of Notre Dame. 4:15 p.m. Room P137, Harriman Hall. Call 632-8110.

**University Hospital and the American Cancer Society, "Care and Share Support Group for Women Who have had Breast Cancer."** 6:00-8:30 p.m. Hand Clinic Waiting Room, Level 5, Health Sciences Center. Call 444-1270.

**The Alternative Cinema at Stony Brook, *Wings of Desire.*** Supernatural love story about a cynical angel who falls for a beautiful trapeze artist. Directed by Wim Wenders. (German with English subtitles.) 7:00 and 9:30 p.m. Stony Brook Union Auditorium. \$2. All tickets at door. Call 632-6136.



**Stony Brook Fencing Club.** 8:00-10:00 p.m. Indoor Sports Complex (old gym dance studio). Every Tues. Call 585-8006.

## WEDNESDAY

NOVEMBER 6

**Prime Time for Students** (intensive academic advisory period).

**Computing Services Workshop, "DOS."** 9:00 a.m.-noon. Preregistration required. To register, call 632-7795.

**Campus Life Time, Fraternity/Sorority Pledge Rush Workshop.** 12:40 p.m. Room 231, Stony Brook Union. For information, call Student Union and Activities at 632-6828.

**Campus Life Time Meeting, Club India.** 12:40 p.m. Room 236, Stony Brook Union.

**Campus Life Time Meeting, WUSB FM.** 12:40 p.m. Room 237, Stony Brook Union. Call 632-6500.

**Humanities Institute Visiting Lecturer Series, "The Museum as Mass Medium,"** Andreas

Huysen, Columbia University. 4:30 p.m.; reception to follow. Library, E-4341. Call 632-7765.

**University Counseling Ctr. Group Shop Workshop, "Personal Financial Management."** Two sessions (Nov. 13). 7:30-9:00 p.m. Free. To register, call 632-6715.

**Computing Services Workshop, "Formulas in WORD."** 9:00-9:30 p.m. Preregistration required. Call 632-8050.

## THURSDAY

NOVEMBER 7

**Flea Market.** Bargains Galore! Faculty Student Association sponsored. 8:30 a.m.-4:00 p.m., SB Union Bi-level. Call Michelle Liebowitz to confirm, 632-6510.

**Computing Services Workshop, "MacDraw."** 9:00-10:00 a.m. Preregistration required. To register, call 632-8050.

**Computing Services Workshop, "WordPerfect."** Designed for the individual new to word processing. 9:00 a.m.-noon. Free; preregistration required. To register, call 632-7795.

**Hospital Chaplaincy Interfaith Prayer Service.** Noon, Level 5, Chapel, Health Sciences Center. Every Thurs. Call 2-6562.



**University Counseling Ctr. Group Shop Workshop, "Stress Management."** Noon-1:30 p.m. Free. To register, call 2-6715.

**Protestant Service.** 12:15 p.m. Interfaith Lounge, 157 Humanities. Discussion group follows service at 12:45 p.m.. Bring lunch. Every Thursday. Call 632-6563.

**University Counseling Ctr. Group Shop Workshop, "Conflict Management and Effective Negotiations."** Two sessions (Nov. 14). 12:15-1:15 p.m. Free. To register, call 632-6715.

**University Hospital and the American Cancer Society, "Look Good, Feel Better Program,"** for women of all ages undergoing cancer treatment to develop skills to improve their appearance and their self-image. 1:00-3:00 p.m., North Tower Conference Room, Level 15, Health Sciences Center. Free parking; validate at meeting. Call 444-2880.

**Chemistry Dept. Organic Chemistry Seminar, Leticia Toledo.** 4:00 p.m. Room 412, Chemistry. Call 632-7880.

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Introduction to PC's."** T/Th (through Dec. 9). 6:00-7:30 p.m. \$195; preregistration required. Call 632-7071.

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Introduction to Lotus 3.0."** 7:45-9:15 p.m.; T/Th (through 12/19). \$195; preregistration required. Call 632-7071.

## FRIDAY

NOVEMBER 8

**C.O.C.A. Film, *Rocketeer.*** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

## SATURDAY

NOVEMBER 9

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Introduction to WordPerfect 5.1."** Covers the hardware, software, and the operation of the system as a whole. 5 Saturdays. 9:00-noon. \$195; preregistration required. To register, call 632-7071.

**University Counseling Ctr. Group Shop Workshop, "Body-Mind Wellness."** 10:00 a.m.-noon. Free. To register, call 2-6715.

**Union Crafts Center, "HearthBasketry."** 10:15 a.m.-4:00 p.m. \$12 material fee. Fiber Studio. \$30/students; \$40/non-students. To register, call 632-6822/6828.

**Women's Volleyball N.Y.S.W.C.A.A. Championships.** Noon. Call 632-7287.

**Center for Corporate Continuing Education & Training (CCCET) PC Series, "Advanced Topics in Lotus 3.0."** Noon-3:00 p.m.; Saturdays (through 12/14). \$195; preregistration required. Call 632-7071.

**India Society at Stony Brook, "Diwali (Indian Festival of Lights)."** Storytelling, Lakshmi Puja, potluck supper party. 5:00 p.m. Commons, New Graduate Apartments. Call Prateek Mishra at 632-8450.

**C.O.C.A. Film, *Rocketeer.*** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.



**Department of Music, Stony Brook Symphony Orchestra.** Bradley Lubman, director and principal conductor. Features works by Wuorinen, Stravinsky, and Beethoven. 8:00 p.m. Main Stage, Staller Center for the Arts. \$8; student/senior discounts available. Call 632-7230.

## SUNDAY

NOVEMBER 10

**Women's Volleyball N.Y.S.W.C.A.A. Championships.** 10:00 a.m.. Call 632-7287.

**C.O.C.A. Film, *Rocketeer.*** 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

## MONDAY

NOVEMBER 11

**Advance Registration** for spring semester (through November 27). 10:00 a.m.-4:00 p.m. Registrar's Office, 2nd floor lobby, Administration. Call 632-6885.

**Human Resources Wellness Program, Aerobics.** M/W/F; 11:45 a.m.-12:45 p.m. Indoor Sports Complex, Dance Studio. \$30/grad students; \$34/faculty & staff. Call 632-6136.

**Dept. of Chemistry Bioorganic Literature Meeting, "Specific RNA-Protein Recognition,"** organized by Todd Miller. 7:30-9:30 p.m. Room 603, Graduate Chemistry. Call 632-7880.

## TUESDAY

NOVEMBER 12

**School of Continuing Education Office Skills Workshop Series, "Time Management."** 9:00 a.m.-4:30 p.m. Preregistration required. Call 632-7071.

**Computing Services Workshop, "Introduction to ALL-IN-1."** 10:00 a.m.-noon. Preregistration required. Call 632-7795.

**SB Campus Committee Mid-Suffolk NOW, Weekly Brown Bag Lunch Meeting.** Noon. Addresses issues concerning all women on campus. All welcome. S216 Ward Melville Social & Behavioral Sciences. Call 632-7100.

**The Guild Trio Concert Series, "The Emergence of the American Voice."** A sampler of the various American musical compositional styles. 4:00 p.m. Lecture Hall 2, level 2, Health Sciences Center. Call 444-2765.

**The Alternative Cinema at Stony Brook, *Shadow of a Doubt.*** This understated thriller mixes humor with suspense and alternates between a noir nightmare and a world of middle-class normalcy. Directed by Alfred Hitchcock. 7:00 and 9:30 p.m. Stony Brook Union Auditorium. \$2. All tickets at door. Call 632-6136.



## WEDNESDAY

NOVEMBER 13

**Computing Services Workshop, "LOTUS."** Hands-on session. 9:00 a.m.-noon. Preregistration required. Call 632-7795.

**Campus Life Time Meeting, Club India.** 12:40 p.m. Room 236, Stony Brook Union.

**Campus Life Time Meeting, WUSB FM.** 12:40 p.m. Room 237, Stony Brook Union. Call 632-6500.

**Campus Life Time Meeting, Asian Students Association.** 12:40 p.m. Room 226, Stony Brook Union.

## THURSDAY

NOVEMBER 14

**CED Management, Trade & Technical Seminar Series, "Training Skills II: Platform Skills for Delivery Excellence."** Two days (Nov. 15); 9:00 a.m.-5:00 p.m. \$295; preregistration required. Call 632-771.

**Computing Services Workshop, "DataQuery."** 10:00 a.m.-noon. Preregistration required. To register, call 632-7795.

**Chemistry Dept. Physical Chemistry Seminar, Cluster Chemistry, Denise Parent, Naval Research Laboratory.** 12:30 p.m. (light refreshments at noon). Room 412, Chemistry. Call 632-7880.

**Chemistry Dept. Organic Chemistry Seminar, "Molecular Tweezers and Related Systems: Creating Order with Noncovalent Interactions,"** Steven C. Zimmerman, University of Illinois. 4:00 p.m. Room 412, Chemistry. Call 632-7880.

**Humanities Institute Visiting Lecturer Series, "Cultural Politics in Latin America,"** John Beverly, Center for Latin American Studies at the University of Pittsburgh. (Cosponsored with the Dept. of Hispanic Languages.) 4:30 p.m.; reception to follow. Library, E-4341. Call 632-7765.

**Center for Labor/Management Studies Lecture, "Women in Science & Engineering,"** Anne Preston, assistant professor, Harriman School. A study of the exit of women from the science and engineering professions. A panel discussion made up of women in science and engineering from Brookhaven National Laboratory. 7:00-Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

## SATURDAY

NOVEMBER 16

**C.O.C.A. Film, City Slickers.** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472 or 632-6460.

**Staller Center Classical Music Series, "The Greenhouse/Bloomquist/Stier Trio."** The program includes Beethoven's Trio in B-flat, Op. 11 and Brahms' Trio in A minor, Op. 114. 8:00 p.m. Recital Hall, Staller Center for the Arts. \$20. Call 632-7230.

## SUNDAY

NOVEMBER 17

**C.O.C.A. Film, City Slickers.** 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

**Department of Music, Stony Brook Camerata Singers.** Timothy Mount, conductor. Features works of Schumann, Holst, Britten, and works with texts by women poets. 7:00 p.m. Recital Hall, Staller Center for the Arts. \$5; student/senior discounts available. Call 632-7230.

## MONDAY

NOVEMBER 18

**Inorganic/Organometallic Chemistry Seminar, "From Sandwich to Polydecker Complexes,"** Walter Siebert, Heidelberg, Germany. 11:30 a.m. Room 412, Chemistry. Call 632-7880.

**Computing Services Workshop, "Introduction to WORD."** Intro to the Macintosh as well as

WORD 4.0. Noon-1:00 p.m. Preregistration required. To register, call 632-8050.

**University Hospital and the American Cancer Society, "Cancer Support Group for Patients' Family and Friends,"** 7:00-8:30 p.m. South Tower Conference Room 104, Level 14, Health Sciences Center. Free parking; validate at meeting. Call 444-1550.

**Humanities Institute Cosponsored Film Series, Never Leave Nevada.** Life and love in a town sandwiched between Death Valley and America's largest nuclear test site. 8:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$4; 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.

## TUESDAY

NOVEMBER 19



**School of Continuing Education Office Skills Workshop Series, "Improving Human Relations."** 9:00 a.m.-noon; two sessions (Nov. 26). Preregistration required. Call 632-7071.

**Computing Services Workshop, "Introduction to ALL-IN-1."** 10:00 a.m.-noon. Preregistration required. Call 632-7795.

**SB Campus Committee Mid-Suffolk NOW, Brown Bag Lunch Meeting/Speaker Series, "Feminist Literary Theory and the Hebrew Bible,"** Ilona Rashkow, assistant professor, comparative studies. Noon. Free. S216 Ward Melville Social & Behavioral Sciences. Call 632-7100.

**School of Continuing Education Counseling Skills Workshop, "Module C: Awareness and Identity."** 6:00-8:00 p.m. (through 12/17). Preregistration required. Call 632-7071.

**University Hospital and the American Cancer Society, "Care and Share Support Group for Women Who have had Breast Cancer."** 6:00-8:30 p.m. Hand Clinic Waiting Room, Level 5, Health Sciences Center. Call 444-1270.

**The Alternative Cinema at Stony Brook, Dead Ringers.** This unnerving story depicts the unusual relationship of twin gynecologists and their descent into depravity and madness. Directed by David Cronenberg. 7:00 and 9:30 p.m. Stony Brook Union Auditorium. \$2. All tickets at door. Call 632-6136.

**Dept. of Chemistry Biorganic Literature Meeting, "New Methodologies in Biorganic Chemistry: Applications of IR, PCR, and Electrochemistry,"** organized by Xiaoying Chem and Jim Muller. 7:30-9:30 p.m. Room 603, Graduate Chemistry. Call 632-7880.

## WEDNESDAY

NOVEMBER 20

**Center for Corporate Continuing Education & Training (CCET) PC Series, "Advanced Topics in the Use of WordPerfect 5.1."** Columns, Print Options and Macros. 3 sessions (Dec. 4 & 11); 9:00-11:00 a.m. \$95; preregistration required. To register and for room location, call 632-7071.

**Computing Services Workshop, "DOS."** Overview of hardware and hands-on training for the DOS commands. Introduces the beginning user to the most frequently used DOS commands. 9:00 a.m.-noon. Preregistration required. Call 632-7795.

**Campus Life Time Meeting, WUSB FM.** 12:40 p.m. Room 237, Stony Brook Union. Call 632-6500.

**Campus Life Time Meeting, Asian Students Association.** 12:40 p.m. Room 226, Stony Brook Union.

**The Humanities Institute Faculty Colloquium Series, "Empire of Virtue: Imperialism and Culture in Georgian England,"** Kathleen Wilson, history. (Cosponsored with the History Dept.'s Eighteenth-Century Series.) 4:30 p.m. N303,

Ward Melville Social & Behavioral Sciences. Call 632-7765.

**Department of Music, Contemporary Chamber Players.** Featuring the classic *Suite*, opus 29 of Arnold Schoenberg and the intriguing *Shadows* by Richard Felciano of Berkeley, CA. 8:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7330.

## THURSDAY

NOVEMBER 21

**Department of Applied Mathematics & Statistics Conference, "Nonlinear Analysis and Computation."** Two days (Nov. 22) - Th/8:25 a.m.-5:40 p.m.; F/8:30 a.m.-5:45 p.m. Room S240a, Mathematics Tower. Free. For information, call 632-9125.

**Computing Services Workshop, "dBase."** An introductory course. Free. 9:00 a.m.-noon. Preregistration required. Call 632-7795.

**Computing Services Workshop, "Introduction to WordPerfect."** Version 5.1 will be used. 10:30-11:30 a.m. Preregistration required. Call 632-8050.



**University Counseling Ctr. Group Shop Workshop, "Quit Smoking or How to Continue Smoking With Less Conflict."** Noon-1:15 p.m. Free. To register, call 632-6715.

**Department of Theatre Arts Presentation, The Unclean,** by Stony Brook faculty and students, directed by John Lutterbie. Explores the effects of discrimination on those we call "the unclean." 8:00 p.m., Th/F/S; 2:00 p.m., Sunday. Theatre Two, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## FRIDAY

NOVEMBER 22

**Computing Services Workshop, "Intermediate WORD."** Microsoft WORD Version 4.0. 9:00-10:00 a.m. Preregistration required. Call 632-8050.

**Stony Brook Gospel Choir, Annual Concert.** An evening of gospel music with guest artists. 7:30 p.m. Recital Hall, Staller Center for the Arts. Tickets available at door. Call Gerald Shephard at 632-6720, or Johnny Waters at 632-3548.

**C.O.C.A. Film, Point Break.** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

**Department of Theatre Arts Presentation, The Unclean,** by Stony Brook faculty and students, directed by John Lutterbie. 8:00 p.m. Theatre Two, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SATURDAY

NOVEMBER 23

**C.O.C.A. Film, Point Break.** 7:00, 9:30 p.m. & midnight. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

**Staller Center Dance Series, "Les Grands Ballets Canadiens"** performing *La Sylphide* for the first time on our stage. 8:00 p.m. Staller Center for the Arts. \$22/\$20. Call 632-7230

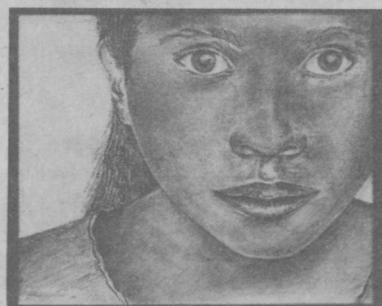
**Department of Theatre Arts Presentation, The Unclean,** by Stony Brook faculty and students, directed by John Lutterbie. 8:00 p.m. Theatre Two, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SUNDAY

NOVEMBER 24

**Department of Music, Stony Brook Opera Ensemble and Chamber Singers,** with the Stony Brook Orchestra. Features Purcell's *Dido and Aeneas*. Marga Schoutens and Kevin Badanes conductors. 7:00 p.m. Recital Hall, Staller Center for the Arts. \$5; student/senior discounts available. Call 632-7230.

## ART EXHIBITS



**November 1-30: "Children: A Psychosocial Perspective."** Drawings by CED graduate student, Ann Williams. Health Sciences Center Library, Level 3.

**Through November 14: Ceramic Sculptural Arts.** Work by students of Toby Buonagurio. Noon-5:00 p.m.; Monday-Friday Union Art Gallery, 2nd floor, Stony Brook Union.

**Through November 27: Student Exhibition.** Works by Kim Yellen and Patricia Risoli. Noon-5:00 p.m.; Mon.-Fri. Union Art Gallery, 2nd floor, Stony Brook Union.

**November 16-December 18: New Traditions: Thirteen Hispanic Photographers.** Exhibit explores the question "Does a common heritage imply a common vision?" Noon-4:00 p.m., Tues.-Sat. University Art Gallery, Staller Center for the Arts.

**C.O.C.A. Film, Point Break.** 7:00, 9:30 p.m. Room 100, Javits Center. \$1.50 or \$1/SBU I.D. Call 632-6472/6460.

**Department of Theatre Arts Presentation, The Unclean,** by Stony Brook faculty and students, directed by John Lutterbie. 2:00 p.m. Theatre Two, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## MONDAY

NOVEMBER 25

**Advance registration for graduate students** begins for spring 1992 semester.

**Department of Music, Annual Concert** of the Stony Brook Baroque Players. Under the direction of noted harpischordist Arthur Haas, they will present a varied program of 17th- and 18th-century instrumental and vocal music. 8:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7330.

## TUESDAY

NOVEMBER 26

**Evening registration for graduate students** for spring 1992 semester.

**Computing Services Workshop, "ALL-IN-1 WPS-PLUS Editor."** 10:00 a.m.-noon. Preregistration required. Call 632-7795.

**SB Campus Committee Mid-Suffolk NOW, Weekly Brown Bag Lunch Meeting.** Noon. S216 Ward Melville Social & Behavioral Sciences. Free. Call 632-7100.

## WEDNESDAY

NOVEMBER 27

**Thanksgiving recess** begins at close of classes. Classes resume on Monday, December 2.

**Computing Services Workshop, "WordPerfect."** Designed for the individual new to word processing. 9:00 a.m.-noon. Free; preregistration required. Call 632-7795.

**Campus Life Time Plant Sale.** 12:40 p.m. Lobby, Stony Brook Union. Call 632-6828.

**Campus Life Time Meeting, WUSB FM.** 12:40 p.m. Room 237, Stony Brook Union. Call 632-6500.

## THURSDAY

NOVEMBER 28

Happy Thanksgiving!





# Training and Development Resource Directory



## Monday, October 14

2 p.m. Radiation Protection for Nurses (BME)

## Tuesday, October 15

Defensive Driving Session I (PS)  
7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. Communication Skills Session I (CED)  
12:15-1:30 p.m. Woman: The Consummate Juggler (GS)  
3-5 p.m. LaTeX II (US)  
5-6 p.m. Total Tone (WP)  
6-7:30 p.m. Effective Public Speaking (GS)

## Wednesday, October 16

9 a.m.-noon. WordPerfect (US)  
Noon-1:30 p.m. A Practical Approach to Understanding and Handling Test Anxiety (GS)  
1-2 p.m. Time Management for Academic Success (Soph., Jr. & Sr.) (GS)  
1-2 p.m. Assertiveness Training Session I (For Women Only) (GS)  
1-2 p.m. Conflict Management & Effective Negotiations (GS)  
3-4:30 p.m. I Never Told Anyone (Child Sexual Abuse) (For Women Only) (GS)  
3-5 p.m. Introduction to AIX (US)  
7-8:30 p.m. Hatha Yoga (GS)

## Thursday, October 17

Defensive Driving Session II (PS)  
7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-4:30 p.m. Supervising New York State: The Introductory Program (HR)  
9 a.m.-4:30 p.m. Supervisory Effectiveness: Leadership Skills for Managing Change (CED)  
10 a.m.-noon. DataQuery (US)  
Noon-1:15 p.m. Study Skills Workshop (GS)  
3-4 p.m. Introduction to Excel (US)  
3-5 p.m. Producing a Thesis Using LaTeX (US)  
5-6 p.m. Total Tone (WP)  
5-6:30 p.m. Yoga (WP)

## Friday, October 18

8:30 a.m.-noon. Domestic Violence & Child Abuse Training (For Hosp/HSC) (SD/QA)  
9 a.m.-4:30 p.m. Supervisory Effectiveness: Leadership Skills for Managing Change (CED)

## Monday, October 21

Noon. Stress Management: Mastering Relaxation Techniques (WP)  
Noon-1:30 p.m. Stress Management: Relaxing the Mind & Body (GS)  
1 p.m. Nursing Orientation: Personal Safety Training (EHS)  
3-5 p.m. XEDIT II (US)

## Tuesday, October 22

7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. Communication Skills Session II (CED)  
10 a.m.-noon. Introduction to All-in-1 (US)  
Noon-1 p.m. Menopause (WP)  
Noon-1:15 p.m. Study Skills Workshop (GS)  
5-6 p.m. Total Tone (WP)  
5:30-7 p.m. Creating Healthy Boundaries (GS)  
7-9 p.m. Hatha Yoga (GS)

## Wednesday, October 23

9 a.m.-noon. LOTUS (US)  
9 a.m.-4:30 p.m. Public Speaking: Presentation Skills for Professionals (CED)  
1-2 p.m. Time Management for Academic Success (First Year Students Only) (GS)  
1-2 p.m. Assertiveness Training Session II (For Women Only) (GS)  
3-5 p.m. Vi Editor (US)

## Thursday, October 24

7:15-8:15 a.m. Early Morning Swim (WP)  
8:30 a.m.-5 p.m. Clinical Assistant Workshop Series (SD/QA)  
9 a.m.-noon. Wordperfect (US)  
9 a.m.-4:30 p.m. Supervising New York State: The Introductory Program (HR)  
9 a.m.-4:30 p.m. Public Speaking: Presentation Skills for Professionals (CED)  
10 a.m. New Employee Orientation (Hosp/HSC) Right-to-Know Training (EHS)  
3-5 p.m. CMS II (US)  
5-6 p.m. Total Tone (WP)  
5-6:30 p.m. Yoga (WP)

## Saturday, October 26

10 a.m.-noon. Basics of Healthy Eating (GS)

## Monday, October 28

10:30-11:30 a.m. Introduction to WordPerfect (US)  
11 a.m. Nursing Recertification Right-to-Know Training (EHS)  
Noon. Aspects of Co-Dependency (WP)  
3-5 p.m. Networks & Mail (US)  
7-8:30 p.m. Awakening Your Inner Self (GS)

Stony Brook Child Care Services, Inc., Art Auction. 8:00 p.m., preceded at 7:00 p.m. by preview of artwork to be auctioned (donated by Marlin Art Galleries of Deer Park). Radisson Hotel, Islandia. Admission by ticket only. \$7.50. Call 632-6930.

## Tuesday, October 29

Framing in an Institutional Setting (EP)  
7:15-8:15 a.m. Early Morning Swim (WP)  
10 a.m.-noon. All-in-1 Time Management (US)  
5-6 p.m. Total Tone (WP)  
6-7:30 p.m. Support Group for Adult Children of Alcoholics (GS)  
7-9 p.m. Hatha Yoga (GS)

## Wednesday, October 30

9 a.m.-noon. WordPerfect (US)  
9 a.m.-4:30 p.m. Technical Writing for Professionals (CED)  
1-2 p.m. Assertiveness Training Session III (For Women Only) (GS)  
1-2 p.m. Eating Concerns Group (Weds. through 12/4) (GS)  
3-4:30 p.m. I Never Told Anyone (Child Sexual Abuse) (For Men Only) (GS)

## Thursday, October 31

7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. dBase (US)  
9 a.m.-4:30 p.m. Technical Writing for Professionals (CED)  
5-6 p.m. Total Tone (WP)  
5-6:30 p.m. Yoga (WP)

## Notes:

(1) Some of the courses have prerequisites. Please contact the departments below for further information.  
(2) If you have a training event that you wish to be included in the Training & Development Calendar, please contact Paul Croser at 632-7191.

## October Codes:

BME Biomedical Engineering, University Hospital, 444-3296  
CED School of Continuing Education, 632-7071  
EHS Environmental Health & Safety, 632-6410  
EP East Campus Physical Plant, 444-1515  
GS University Counseling Center, Group Shop, 632-6715  
HR Human Resources, 632-6136  
PS Department of Public Safety, 632-6392  
SD/QA Staff Development/Quality Assurance, University Hospital, 444-2954  
US User Services, 632-7795  
WP The Wellness Program, 632-6136

## Friday, November 1

9 a.m.-noon. Leadership Conference for Health Care Professionals, "Addictive Organizations." (QA/SD)  
10-11 a.m. Computer Course: "DeltaGraph" (US)  
Noon-1:30 p.m. Stress Mgmt: Relaxing the Mind and Body Workshop II (GS)

## Saturday, November 2

9 a.m.-noon. Computer Course: "Advanced Functions in PageMaker" (CED)  
9 a.m.-noon. Stress Management and Home Care for Nursing Education (ARC)  
Noon-3 p.m. Computer Course: "Intro. to LOTUS 3.0" (CED)

## Monday, November 4

8:30-11:30 a.m. Computer Course: "Intro. to PageMaker" (CED)  
11:30 a.m.-1 p.m. Computer Course: "Intro through Intermediate LOTUS 3.0" (CED)  
Noon. Stress Mgmt. Series: "Changing Co-Dependency Behaviors" (WP)  
1-2:30 p.m. Computer Course: "Intro through Intermediate LOTUS 3.0" (CED)  
7-8:30 p.m. Adult Children of Alcoholics Workshop (GS)

## Tuesday, November 5

7:15-8:15 a.m. Early Morning Swim (WP)  
Noon-1:30 p.m. Interactive Circle of Communications: The Key to Successful Relationships! Session I (GS)  
5-6 p.m. Total Tone Class (WP)  
6-9 p.m. Customer Service Skills and Telemarketing Techniques (CED)  
7-9 p.m. Hatha Yoga (GS)  
7:45-9:15 p.m. Computer Course: "Intro to LOTUS 3.0" (CED)

## Wednesday, November 6

9-9:30 a.m. Computer Course: "Formulas in WORD" (US)  
9 a.m.-noon. Computer Course: "DOS" (US)  
9 a.m.-4:30 p.m. Supervisory Effectiveness: Leadership Skills in a Changing Environment (CED)  
11:30 a.m.-1:00 p.m. Computer Course: "Intro through Intermediate LOTUS 3.0" (CED)  
1-2:30 p.m. Computer Course: "Intro through Inter-

mediate LOTUS 3.0" (CED)  
7:30-9 p.m. Personal Financial Management Workshop I (GS)

## Thursday, November 7

7:15-8:15 a.m. Early Morning Swim (WP)  
9-10 a.m. Computer Course: "MacDraw" (US)  
9 a.m.-noon. Computer Course: "WordPerfect" (US)  
9 a.m.-4:30 p.m. Supervisory Effectiveness: Leadership Skills in a Changing Environment (CED)  
Noon-1:30 p.m. Stress Mgmt.: Relaxing the Mind and Body Workshop III (GS)  
12:15-1:15 p.m. Conflict Management and Effective Negotiations Workshop II (GS)  
5-6 p.m. Total Tone Class (WP)  
5-6:30 p.m. Yoga (WP)  
7:45-9:15 p.m. Computer Course: "Intro to LOTUS 3.0" (CED)

## Friday, November 8

8:30 a.m.-5:00 p.m. New Hire Orientation (QA/SD)  
9-10:30 a.m. Nursing Clinician: "Addictions and EAP" (EAP)  
9 a.m.-4:30 p.m. Computer Course: "Advanced Functions in PageMaker" (CED)

## Saturday, November 9

10 a.m.-noon. Body-Mind Wellness (GS)  
Noon-3 p.m. Computer Course: "Advanced Topics in LOTUS 3.0" (CED)

## Monday, November 11

8:30-11:30 a.m. Computer Course: "Introduction to PageMaker" (CED)  
11:30 a.m.-1 p.m. Computer Course: "Intro through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)  
2 p.m. Radiation Protection for Nurses (BE)

## Tuesday, November 12

7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-4:30 p.m. Office Skills Workshop: Time Mgmt. (CED)  
10 a.m.-noon. Computer Course: "Intro. to ALL-IN-1" (US)  
Noon. "DNA-Based Diagnosis" by Dr. McGovern UH L-2 Pathology Conference Room (CL)  
Noon-1:30 p.m. Interactive Circle of Communications: The Key to Successful Relationships! Session II (GS)  
4-7 p.m. Defensive Driving (PS)  
5-6 p.m. Total Tone Class (WP)  
7-9 p.m. Hatha Yoga (GS)  
7:45-9:15 p.m. Computer Course: "Intro. to LOTUS 3.0" (CED)

## Wednesday, November 13

9 a.m.-noon. Computer Course: "LOTUS" (US)  
11:30 a.m.-1 p.m. Computer Course: "Intro. through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)  
7:30-9 p.m. Personal Financial Management Workshop II (GS)

## Thursday, November 14

7:15-8:15 a.m. Early Morning Swim (WP)  
10 a.m.-noon. Computer Course: "DataQuery" (US)  
12:15-1:15 p.m. Conflict Management and Effective Negotiations Workshop II (GS)  
5-6 p.m. Total Tone Class (WP)  
5-6:30 p.m. Yoga (WP)  
7:45-9:15 p.m. Computer Course: "Intro to LOTUS 3.0" (CED)

## Friday, November 15

Youth Health Fair at U.H. in association with the L.I.A.  
8:30 a.m.-noon. Domestic Violence and Child Abuse (QA/SD)  
9 a.m.-4:30 p.m. Computer Course: "Advanced Functions in PageMaker" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)

## Saturday, November 16

Noon-3 p.m. Computer Course: "Advanced Topics in LOTUS 3.0" (CED)

## Monday, November 18

8:30-11:30 a.m. Computer Course: "Introduction to PageMaker" (CED)  
8:30 a.m.-noon. "State-of-the-Art Wound Healing and Research Seminar" (QA/SD)  
11:30 a.m.-1 p.m. Computer Course: "Intro. through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
Noon-1 p.m. Luncheon for Research Seminar  
Noon-1 p.m. Computer Course: "Intro. to WORD" (US)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)  
1-4 p.m. "State-of-the-Art Wound Healing and Research Seminar" (QA/SD)

## Tuesday, November 19

Masonry: Foundation Repair & Rehab. (EC)  
7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. Office Skills Workshop: Improving Human Relations Part I (CED)  
10 a.m.-noon. Computer Course: "Intro. to ALL-IN-1" (US)  
5-6 p.m. Total Tone Class (WP)  
7-9 p.m. Hatha Yoga (GS)  
7:45-9:15 p.m. Computer Course: "Intro. to LOTUS 3.0" (CED)

## Wednesday, November 20

9 a.m.-noon. Computer Course: "DOS" (US)  
9 a.m.-4:30 p.m. Training Skills II: Platform Skills for Delivery Excellence (CED)  
11:30 a.m.-1 p.m. Computer Course: "Intro. through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)

## Thursday, November 21

7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. Computer Course: "dBase" (US)  
9 a.m.-4:30 p.m. Training Skills II: Platform Skills for Delivery Excellence (CED)  
10:30-11:30 a.m. Computer Course: "Introduction to WordPerfect" (US)  
12 a.m.-1:15 p.m. "How to Quit Smoking or How to Continue Smoking with Less Conflict" (GS)  
5-6 p.m. Total Tone Class (WP)  
5-6:30 p.m. Yoga (WP)  
7:45-9:15 p.m. Computer Course: "Introduction to LOTUS 3.0" (CED)

## Friday, November 22

9-10 a.m. Computer Course: "Intermediate WORD" (US)  
9 a.m.-4:30 p.m. Computer Course: "Advanced Functions in PageMaker" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)

## Saturday, November 23

Noon 3 p.m. Computer Course: "Advanced Topics in LOTUS 3.0" (CED)

## Monday, November 25

8:30-11:30 a.m. Computer Course: "Introduction to PageMaker" (CED)  
11:30 a.m.-1 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)

## Tuesday, November 26

Safety in the Power Plant (EC)  
7:15-8:15 a.m. Early Morning Swim (WP)  
9 a.m.-noon. Office Skills Workshop: Improving Human Relations Part II (CED)  
10 a.m.-noon. Computer Course: "ALL-IN-1 WPS-PLUS Editor" (US)  
5-6 p.m. Total Tone Class (WP)  
7-9 p.m. Hatha Yoga (GS)  
7:45-9:15 p.m. Computer Course: "Introduction to LOTUS 3.0" (CED)

## Wednesday, November 27

9 a.m.-noon. Computer Course: "WordPerfect" (US)  
11:30 a.m.-1 p.m. Computer Course: "Intro. through Intermediate LOTUS 3.0" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)  
1-2:30 p.m. Computer Course: "Introduction through Intermediate LOTUS 3.0" (CED)

## Thursday, November 28

7:15-8:15 a.m. Early Morning Swim (WP)  
5-6 p.m. Total Tone Class (WP)  
5-6:30 p.m. Yoga (WP)  
7:45-9:15 p.m. Computer Course: "Introduction to LOTUS 3.0" (CED)

## Friday, November 29

9 a.m.-4:30 p.m. Computer Course: "Advanced Functions in PageMaker" (CED)  
11:45 a.m.-12:45 p.m. Aerobics (WP)

Note: Some courses have prerequisites and fees. Please contact provider for more information.

## November Codes

ARC Aids Resource Center 632-3240  
CED School of Continuing Education 632-7071  
BE Biomedical Engineering (UH) 444-3196  
CL Clinical Laboratories (UH) 444-7636  
EAP Employee Assistance Program 632-6085  
EC East Campus Physical Plant 444-1515  
GS University Counseling Center Group Shop 632-6175  
PS Department of Public Safety 632-6392  
QA/SD Quality Assurance/Staff Development (UH) 444-2954  
US User Services 632-7795  
WP Wellness Program 632-7136



## Classic Ballet Coming to University Stage



Les Grand Ballets Canadiens

DAVID COOPER

Les Grands Ballets Canadiens will perform a full length production of *La Sylphide* at the Staller Center on Sat., Nov. 23 at 8 p.m.

In this classic ballet set in Scotland, a young farmer, James, is visited by the beautiful vision of *La Sylphide* on the eve of his wedding. He leaves his bride-to-be, Effie, and follows the vision into the woods, where he encounters a witch. Under her influence, he accepts a magic shawl that he believes will bind *La Sylphide* to him forever — with tragic consequences.

This production was choreographed by

August Bournonville to the music of Herman Severin Lovenskold, with staging by Niels Kehlet of the Royal Danish Ballet.

Now in its thirty-third season, Les Grands Ballets Canadiens has earned an international reputation for its varied repertoire — from contemporary works to fresh productions of the classics, all performed with enthusiasm, energy and technical skill.

Tickets are \$22 and \$20 at the Staller Center Box Office, 632-7230. Children 12 and under, half price.

## Stony Brook Theatre To Premiere Drama Set in Russian Maternity Ward

The Department of Theatre Arts will present the North American premiere of *Brezhnev's Children* by British playwright Olwen Wymark at the Staller Center for the Arts. Performances are Oct. 24-27 and Oct. 31-Nov. 3. Thursday through Saturday, 8:00 p.m. and Sunday, 2:00 p.m.

*Brezhnev's Children* will replace the previously scheduled production of *Tracers*.

Department Chair Tom Neumiller, director of the play, says, "We wanted to produce a play which would follow up on the remarkable events of the past months in the Soviet Union, and by staging *Brezhnev's Children* we will be instructing our audiences and the students in our department about the dimensions of the problems Soviet people face today."

Adapted from the Russian novel, *The Women's Decameron*, by Julia Voznesenskaya, *Brezhnev's Children* tells a series of true stories about seven women in a state maternity ward in Moscow in 1985. Three male actors play the parts of the patients' female doctor, nurse and maid as well as all the men in their lives.

The women have just given birth and find themselves unexpectedly quarantined, frustrated and isolated. To relieve their anxiety, they share secrets and dreams. Stories of sexual encounters, resistance and revenge provide comedy as well as confrontation, and lead the women to a perilous act of defiance.

Set immediately before Gorbachev's accession to power, this new play celebrates the courage of the Soviet people and raises questions about their future in an era of change.

*Brezhnev's Children* had its world premiere in London last spring. Playwright Wymark is best known for her long-running adaptation of Emil Zola's *Nana* and her original *One Woman Play* produced by the National Theatre.

Theatre Arts faculty Richard Finkelstein and Loyce Arthur will design sets and costumes for the production and Karen Wood, a senior from Hopewell Junction, New York, will design lighting.

Tickets are \$8; \$6 for students at the Staller Center Box Office. For tickets and information, call 632-7230.

## Shakespearean Comedy and South African Drama from The Acting Company

The national touring ensemble known as The Acting Company will present *A Midsummer Night's Dream* by William Shakespeare and *Blood Knot* by Athol Fugard at the Staller Center on Sat., Oct. 19, and Sun., Oct. 20.

*A Midsummer Night's Dream*, one of Shakespeare's most lyrical romantic comedies, will be directed by Joe Dowling in a non-traditional presentation. The Shakespearean text will be faithfully preserved, but the thematic emphasis will be on a sensual discovery of suppressed de-

sires and the revelation of true love. Costumes and sets will be inspired by the fantastical artwork of 15th-century Flemish painter Hieronymus Bosch. The performance will include original music composed specially for this show.

*A Midsummer Night's Dream* will be presented on Sat., Oct. 19, at 8 p.m.

*Blood Knot*, directed by Tazewell Thompson, is a drama set in South Africa in 1961. Written by noted South African author, Athol Fugard, the play tells the story of two brothers, one light skinned

## Art with a Social Conscience

Now at the Stony Brook Union Art Gallery is a two-part exhibit that focuses on social issues in Latin America — poverty, hunger and human rights.

From Fri., Oct. 18 through Thurs., Oct. 31, the gallery will host "Art in the Service of the Community," in conjunction with Hispanic Heritage Month. The exhibition features photographs from the Heifer Project International and paintings from the Nicaraguan Cultural Alliance's Quest for Peace program.

Included are color photographs of a Quechua village in the Andes by Marlene Williams of Port Jefferson. Williams holds a master's degree from the CED and formerly directed the Annual Giving program. She has served as a volunteer for the Heifer Project, an organization which works to eliminate poverty and hunger around the world.

Also included are original paintings by Nicaraguan artists, created for the Nicaraguan Cultural Alliance and published as greeting cards to raise money for human rights projects in Nicaragua.

Copies of the Heifer Project photographs can be ordered and Quest for Peace greeting cards and t-shirts will be on sale during



Marlene Williams' photos, in "Art in the Service of the Community." On exhibition in Stony Brook Union Art Gallery.

the exhibition. Proceeds from the sales will benefit these organizations.

An opening reception hosted by the Latin American Student Organization will be held Fri., Oct. 18, from 2 p.m.-5 p.m. in the Union Art Gallery.

The gallery is on the second floor of the Stony Brook Union. Gallery hours are noon to 5 p.m., Monday to Friday. Call 632-6822 for additional information.

## Ballet Stars of Eastern Europe Will Perform on Staller Stage

Ten outstanding ballet dancers from Russia and Czechoslovakia will perform on the Main Stage of the Staller Center for the Arts on Sat., Oct. 26, at 8 p.m.

The dancers are members of the Kirov Ballet of St. Petersburg (Leningrad), the Bolshoi Ballet of Moscow and Prague's National Ballet of Czechoslovakia. On the program are scenes from well-known ballets such as *Romeo and Juliet*, *Swan Lake*, *La Sylphide* and *Giselle*, as well as less frequently staged works such as *Ur* and *Satanella*.

The Ballet Stars' appearance at Stony Brook is part of an eight-month international tour organized by the Glasnost Ballet Festival. The festival was first produced in 1989 as a vehicle to explore East/West relations. With the historic turn of events in Eastern Europe, the project has become a celebration of the triumph over tyranny.

Kirov, the epitome of classical ballet, was founded in the 1700s and sponsored by the imperial court of the czars. Its repertoire consists chiefly of the romantic cho-



A dancer from the Ballet Stars of Eastern Europe

reography of Marius Petipa, who created the original versions of *Swan Lake*, *Sleeping Beauty* and more.

The Bolshoi Ballet, founded 200 years ago as the Moscow Ballet, developed a contemporary repertoire based on socially relevant themes and a dramatically flamboyant style. These two companies have enjoyed a long-standing artistic rivalry.

Tickets for the Ballet Stars of Eastern Europe are \$22, \$20; senior citizens, \$20, \$18; USB students, \$10; children under 12, half price. Call the Staller Center Box Office at 632-7230.