

UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

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FOCUS: COMMENCEMENT

Indoor Commencement, Outdoor Traditions

The University at Stony Brook held its 31st commencement on Sunday, May 19, in the Indoor Sports Complex. Despite the move indoors, the event retained much of the flavor and traditions of previous outdoor ceremonies.

As in past years, the bellowing bagpipes of the Saffron Kilts led the capped and gowned graduates-to-be on their final march, this time up, down and around the new Indoor Sports complex and onto the floor of the huge 5,000 seat arena. The Complex, which opened last fall, is the only campus facility capable of handling an indoor event the size of commencement, an activity that draws several thousand participants. In past years, if it rained, the ceremony had to be cancelled for all but doctoral candidates.

The Class of '91 quickly demonstrated that they were intent upon keeping some outdoor commencement traditions alive. Once seated, they did "the wave" — row after row of students rhythmically rising and falling back onto their seats — and the "beach ball bounce" in which a series of brightly colored beach balls was tossed from one corner of the arena to the other. In each instance, the activities drew a roar of approval and laughter from an appreciative audience of several thousand relatives, friends and university officials.

With these final moments of college high jinks behind them, the atmosphere turned contemplative as the Class of '91 and their guests observed a moment of silence in memory of two members of the university community who perished in a recent shopping center fire, student Wayne Mortak and alumna Eileen Aylward. And they turned an attentive ear and occasionally broke into applause when keynote speaker Mathilde Krim, founder of the AIDS Medical Foundation, expressed hope that a cure soon will be found for AIDS and other diseases that plague mankind.

Krim and novelist-journalist Isabel Allende were honorary degree recipients at the ceremony that also featured a brief address by student Sherry Nathan (see page 3), and remarks from President John Marburger (see page 2).

Nathan, who was selected to give the commencement speech on the basis of an earlier written competition, told the gathering that she had received "a wonderful education" at Stony Brook and that college life was "the greatest crash course in responsibility."

Krim, briefly departing from her prepared speech, paid tribute to her fellow honorary degree recipient, citing Allende for providing a "voice and cultural identification for thousands of Hispanic Americans." In her talk, Krim said that the AIDS epidemic has given the world "a lesson in humility. It teaches us that the relentless evolutionary forces at play in nature continue to create new forms of life...and that for all mankind's arrogance and destructive powers, we are not yet masters of the universe nor even necessarily nature's most favored creatures."

In concluding the ceremony, Marburger cautioned the class that "education does not work automatically to overcome obstacles to success." Real success, he said, "comes only as the result of real effort."



"As you, the graduates, go forth into the world, make sure that you enjoy your life, the love, the friendships, the work and the beauties that the world offers you."

—Mathilde Krim, Ph.D.

The Lessons of AIDS

The following is the text of the commencement address by Mathilde Krim, founding co-chair of the American Foundation for AIDS Research:

President Marburger, distinguished members of the faculty and of the graduating class, ladies and gentlemen, I am deeply grateful for the honor you bestowed upon me and for your invitation to me to deliver this commencement address.

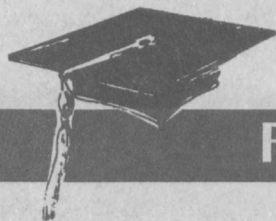
I would certainly not be at this podium and would probably still be happily ensconced in an obscure lab were it not for circumstances that, in 1981, made me aware of some of the first cases of AIDS and alarmed at their implications.

Mere scientific curiosity about the strange new condition seen first in gay men rapidly gave way to anguish for me, not because some of my colleagues and I had touched these patients and handled their blood carelessly, but because we soon realized that they were suffering from a lethal disease caused by a blood borne and sexually transmissible infectious agent. Indeed, as early as 1982, cases of this same condition were being reported among hemophiliacs, among male and female drug users who had shared needles and babies born to them, as well as among people of both genders and various ages who had received blood transfusions. This meant, first, of course, that anyone could develop the disease and, second, that it could be prevented. I felt that both these things needed to be said immediately, publicly, loudly and clearly.

But no one, in 1982, or even 1983, was saying anything of that sort. In fact, the public was allowed to believe that this was a disease of only homosexual men, and even that it was caused by homosexuality. And, although people continued, in numbers that doubled each year, to become sick and die of AIDS, I was branded an alarmist and a prophet of doom. Efforts at warning the public usually met with disbelief, denial of shared risk and a callous and self-righteous response on the part of self-anointed guardians of the public morality.

Nevertheless, and most fortunately, research soon started making strides. The human immunodeficiency virus, or HIV, was discovered in 1983 in France and again, in 1984, in the United States and,

Continued on page 12



Success Comes From Effort, Not Luck

"...I wish you fortitude and resourcefulness, and above all the will to take responsibility for your own life and not to trust to any other than yourself."

The following are the closing remarks by John H. Marburger, president of the University at Stony Brook:

Yesterday at the traditional senior class party in the plaza of the Earth and Space Sciences building I received a T-shirt emblazoned with the motto: "It's Been A Hell of a Time at Stony Brook." You could also say "It's Been a Hell of a Time in New York" (we still don't have a state budget), or even more to the point, "It's Been a Hell of a Time on Planet Earth."

Against the chaos of war and of cyclones; against the cruelty of drug addiction and of epidemic incurable disease; against the numbing reality of economic breakdown, the success we celebrate today seems frail indeed.

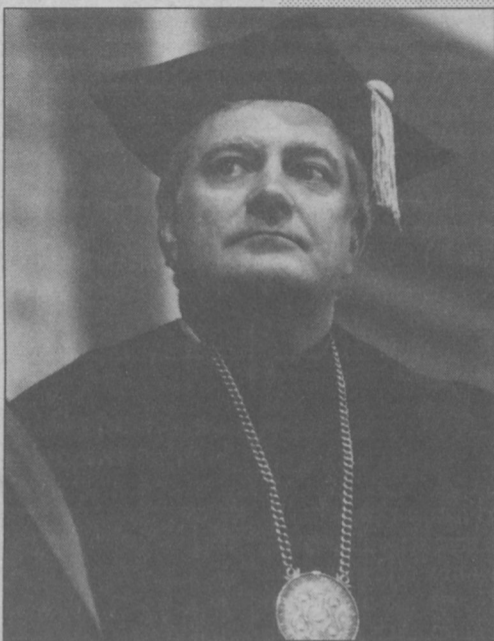
What chance have our academic theories against these timeless realities? What arrogance drives us to rehearse the ritual of formal education in the face of doom? Are we simply evading the awful truth, that luck rules all; that accident of birth, of race, of sex, of place of origin, of time in history controls our destiny and nothing to be done about it?

In truth our problems here are very light compared with what we see elsewhere. We must thank our lucky stars and celebrate that whatever our sex or race or age, at least we find ourselves in a nation that declares such accidents should not matter. Even when they do matter, most of us believe we have a chance, however small, to improve our lot. We are very lucky. Others are very unlucky.

What I want to talk about today, now briefly at the end of the impressive ceremony, is my anger at this trust in luck.

We ARE lucky. But it is not luck that brought us here. And it is not luck that will get us through the current mess of politics, plague, recession and natural disaster. Nor through this gloomy speech. Nor safely home, although luck will help, especially on the LIE. For luck is blind, and there are more paths to failure than to success.

To ascribe prosperity to good fortune is a trap. As much a trap as if the situation were reversed and we were miserable and blamed our misery on misfortune. And this is why: because it is easier to accept our fate than to change it. When things go well for us, we tend to think that is the natural order and we fail to prepare ourselves for the reversal that is sure to come. When things go against us, we tend to accept our poor condition as inevitable or somehow out of our control, and fail to take the actions that can make it better. But from all we know about the universe, neither



John H. Marburger

MAXINE HICKS

"We know from experience that the chaos of events does not prevent great works. We know that people who try to learn from the past, who plan ahead, who take advantage of the tools of thought, who base their actions on reason and their own tutored understanding, lead productive, satisfying lives."

—John H. Marburger

prosperity nor ruin is preordained.

So our choice amounts to this: give up all responsibility for our condition and float on the tides of fate, or struggle to establish a meaningful life despite external conditions. You are here today because you made conscious choices and followed through on your determination. You applied for admission, registered, woke early (sometimes) and went to class. You read and listened and tried to understand. You did (sometimes) what others told you.

Now the question is, has it been worth it? Will the theoretical knowledge, the tools of thought, the skills of brainwork, that we learn in college make up for the loss of time, the frustration and the expenditure of effort that we made to gain them? Is there anyone here who thinks I will not say, "Yes, it was all worth it." I will not disappoint you.

But things are not so simple. Academic degrees do not ensure success in life. They do not ensure anything beyond a first step toward being taken seriously because people know it is not easy, especially at Stony Brook, to earn a degree. The point, however, is not whether education guarantees success. The point is that there is no other response we know of to gain control of our lives and influence our futures. This is it. There is no other magic bullet.

The good news is that history shows that determined human action works. We know from experience that the

chaos of events does not prevent great works. We know that people who try to learn from the past, who plan ahead, who take advantage of the tools of thought, who base their actions on reason and their own tutored understanding, lead more productive, satisfying lives.

The bad news is that in real affairs no one knows exactly when and how to apply which lessons. The cruel randomness of events is real. Knowing history or the periodic table is not going to prevent recessions or get us a promotion. Education does not work automatically to overcome obstacles to success.

Of this, however, you can be sure: that real success comes only as the result of real effort. As a famous mathematician (Mark Kac) once told me, "Nothing works unless you do." Your readiness to act to help yourself and others will create the conditions that others call good luck. We cannot control the world around us, but the more we know about its forces the better chance we have of making them work for us.

And so I will not this time wish you luck. Instead I wish you fortitude and resourcefulness, and above all the will to take responsibility for your own life and not to trust to any other than yourself. I wish you success.

Congratulations.



Coming Next Year

FOCUS ISSUES:

September: The Fine and Performing Arts at Stony Brook

Featuring a preview of the 1991-92 season at the Staller Center for the Arts
Theatre Arts
Art Department
Art Galleries
Music Department
Crafts Center



Midori, March 6



Tokyo String Quartet, Oct. 12



Ballet Stars of Eastern Europe, Oct. 26

October: Health Care
November: The Multicultural Dimension
December: The State of the University
February: The Undergraduate Experience

April: Research
May: Books and Authors
June: Commencement

State Budget Update

As *Currents* went to press, Gov. Mario Cuomo had not yet signed the Legislature's 1991-92 budget bill. However, it is anticipated that cuts in the University's budget will amount to \$8.7 million. *Currents* will report on the impact of the 1991-1992 budget in the September issue.

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The University at Stony Brook is an affirmative action/equal opportunity educator and employer.

What a Stony Brook Education Really Means

The following is the text of the address by this year's student speaker, Sherry Nathan:

Fellow Graduates and Distinguished Guests:

Graduation Day is upon us. I figured out recently that I had been in college 1,368 days, yet it seems like yesterday that I started on this journey. Now that I've reached the end of this road, I think it opportune to reflect on how I got here.

I chose to spend a significant part of my life living and learning at SUNY Stony Brook because I wanted an affordable education. They said Stony Brook was among the collegiate "best buys." Well, they were right and I've received a wonderful education not only in the classroom but also through campus life itself. I came to Stony Brook to get a degree but I came out with so much more. That is what Stony Brook is really about.

It's about cultural diversity, thousands of people with common goals, meeting new friends, preparing ripe minds for a new world order, and transforming the leaders of tomorrow into the leaders of today. It's about children growing up into adults, splitting atoms, falling in love, becoming doctors, lawyers, and of course teachers, who may be the most important of all since it will be their privilege and responsibility to prepare the next wave of the future. It's about taking on responsibility. No one is holding a gun to your head making you go to that 8:30 a.m. class and making you eat right. For many, it's a first taste of living alone, perhaps the greatest crash course in responsibility there is. It's about finding out answers to questions you didn't know existed, probing your

"Along with the power that we carry with our diplomas, we will also carry a great responsibility. Responsibility to feed the hungry, clothe the naked, make peace not war, shelter the homeless, save the environment. And we must... not only hold this doctrine close to our hearts, we must instill these ways in our children."

—Sherry Nathan

own psyche until the question, "Who am I?" becomes the answer, "Who I am."

Although commencement is certainly an appropriate time to reflect on the past, I believe it is even more appropriate to look ahead into the future. What is in store for the Class of '91? What extraordinary scientific breakthroughs will be made in our lifetime? What great feats will be accomplished in the years to come? To these questions, no one holds the answers. But what is certain is that the Class of '91 is going to have to face the awesome responsibilities of the world and meet the challenges of life head on.

I, like the rest of you, am a proud Stony Brook graduate. As such, we have newfound power. Power to succeed, power to mold minds, power to help the needy, power to heal the sick, well, not yet, but

after four more years at Stony Brook Medical School I will. I liked it so much I'm coming back for more. Along with the power that we carry with our diplomas, we will also carry a great responsibility. Responsibility to feed the hungry, clothe the naked, make peace not war, shelter the homeless, save the environment. And we must realize now that we must not only hold this doctrine close to our hearts, we must instill these ways in our children.

Class of '91, have no doubt, over the next few years the names in our newspapers will be the names of your fellow graduates. Some in the news and even some reporting it. Some in the sports pages, and some in the business pages. Take a look over your shoulder, look to your right, look to your left. You might be sitting beside the next Watson and Crick,

Marie Curie, Donald Trump, Janet Jackson, George Bush, or even the next President Marburger.

It's amazing that 4,000 people have passed through this prolific diploma factory today, yet you can see with confidence that each and every one is special in his or her own unique way. We're not Stony Brook replicas but we will always carry a piece of this institution in everything we do for the rest of our lives.

Just as an infant is born, nurtured, and eventually rises to take its first steps, we were born from high school, nurtured in college, and alas, now it is time to take our first steps.

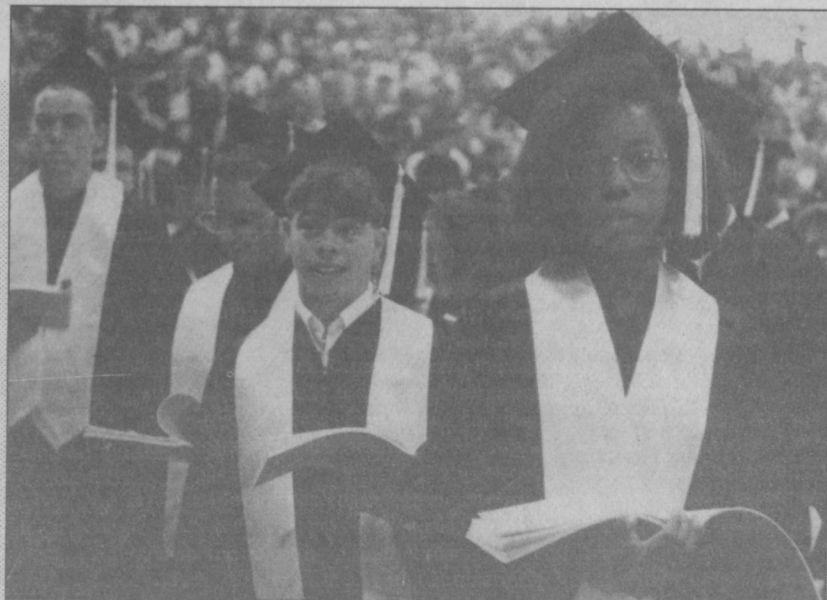
On that note, congratulations to the Class of '91 and I wish each and every one of you the best of luck.

Nathan was awarded a bachelor of science degree with a major in biochemistry at the May 19 commencement.

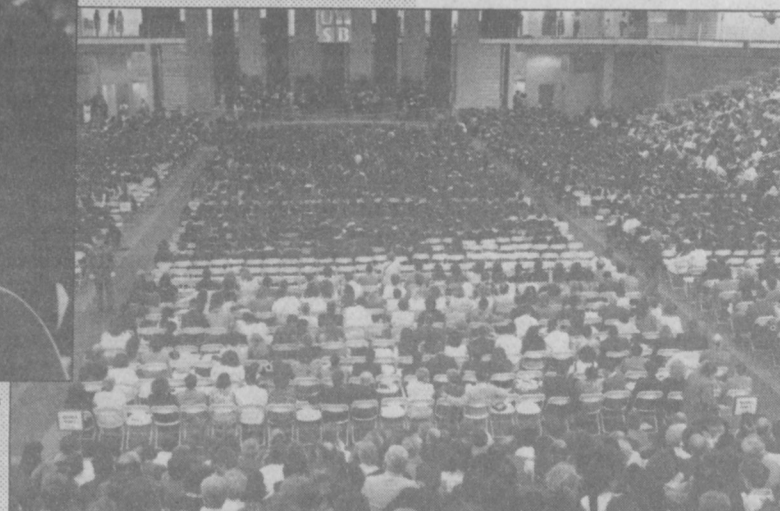


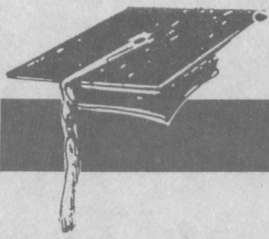
Sherry Nathan

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Student Awards

Africana Studies Program Awards:

Distinguished Community Service Awards to Dorothy Butler, Cristobal Ramis, Traci Collier, and Charlene Lindsey.

Excellence in Africana Studies to Sean Joe, Joan Simpson, and Dawn Cotter.

Alumni Association Awards are presented annually by the Stony Brook Alumni Association:

Hugh J.B. Cassidy Memorial Award, to Marjorie Greve and George Raisglid, is presented to CED students who demonstrate that the CED program has made a significant impact on their lives.

Elizabeth Couey Award, to Alyson Gill, is awarded to juniors who have been active in campus affairs and who have fostered communication and bridged understanding among students, faculty and administrators.

Graduate Student Award, to Shari Lachow, is awarded to a graduate student who has been active in campus affairs and whose involvement has benefitted the Stony Brook community.

Ashley Schiff Scholarship, to Alan Fritzhand, is awarded to a student who has made a significant contribution to campus life and/or has made contributions toward conserving and preserving the local environment.

Othmar H. Ammann Scholarships, to Robert Levine, Guy Miller, Kimberly Nelson, and Steven Spiegel, are awarded to entering students who have demonstrated exceptional academic promise.

Black & Hispanic Alumni Association Award to Adrienne Rosado.

Martin Buskin Memorial Award, to Otto Strong, is presented to the student who exemplifies the qualities of journalistic integrity, scholarship and concern for education.

Chancellor's Award for Excellence, Office of Special Programs, to Tanya Agard, Manuel Brea, Maria Britto, Michelle Mitchel, and Adrienne Rosado.

College of Engineering and Applied Sciences Awards:

Dean's Award for Extraordinary Service to Russell Lawrence.

Tau Beta Pi Scholastic Excellence Award to Kevin Cordes and Dawn Hopper.

Technology and Society Excellence Awards to Ann Cochran, Thomas Lynch, Rita Patel, David Tonjes and Kathleen Sheehan.

Stony Brook Foundation Awards for Undergraduate Academic Excellence to Marc Mason (Applied Mathematics and Statistics), Eugene Eufemio and Richard Mele (Computer Science), Kevin Cordes (Electrical Engineering), Arun Seraphin (Engineering Science) and Dawn Hopper and Tong Aik Soh (Mechanical Engineering).

George B. Costigan Award, to Patricia Jacobson, is presented to a senior who graduated from a two-year college on Long Island and who has best used the enrollment at that college to mature in character, awareness and learning.

Elizabeth D. Couey Award, to Arun A. Seraphin and Angela Tu, is presented to graduating seniors who exemplify "those qualities which made Elizabeth D. Couey unique and the most human of beings: to listen with understanding, to guide without boundaries, to give and take with love and to grow with the passing of each day."

Creative Writing Award to JoAnn Kirkland (prose essay, play).

Delta Sigma Theta Sorority Merit of Excellence, to Marcia Garcia, is awarded to a minority woman completing the freshman year who has shown a commitment to community service and scholastic achievement.

H. Lee Dennison Valedictorian Award, to Ronny Bachrach, is presented to the graduating senior who entered Stony Brook as a transfer student, completed at least 60 credits of letter grade work at Stony Brook and attained the most outstanding academic record at the university in that work.

Department of Anthropology Award:

Undergraduate Department Award, to Carrieann Lahain, is given to the graduating senior with the highest GPA in the major.

Department of Art Awards:

Honors Recipients: Kevin Weirshousky and Elizabeth Whiteman.

Provost's Acquisition Prize to Elizabeth Whiteman.

Stony Brook Foundation Award for Excellence in Art to Barbara Miller and Susanne Hillman.

Department of Chemistry Awards:

American Institute of Chemists' Senior Award to Lyman Smith.

Lee Myers Outstanding Graduate Student to Cecilia Bastos.

Outstanding First Year Teaching Assistant Award to Nancy Gleason.

Outstanding Senior in Chemistry to Eric Olsen.

Outstanding Senior in Engineering Chemistry to Janet Wang.

Outstanding Teaching Assistant in Chemistry to Brad Tooker.

Department of Electrical Engineering Awards:

Academic Excellence Achievement Award to Kevin Cordes.

IEEE Undergraduate Student Award, to Cary Chu, for "outstanding leadership and service to the IEEE Student Branch at Stony Brook."

NCR Undergraduate Innovation Award to Richard Mele.

Department of English Awards:

Department Honors to Jennifer Schiffman.

Marilyn and Ira Hechler Dissertation Scholarships to Tuzylina Allan, Michael Bernard-Donals, Linda Frost, Magdalena Gilewicz, Deborah Hecht, Maureen Kear, Jeanne Palm, Patricia Perry, Kopkun Sukprapan, Judy White, and Marilyn Zucker.

Lillian E. Kahn Award to Michelle Stephens.

Ruth Miller Scholarship to Patricia Perry.

Naomi Stampfer Prize to John Alita.

Stony Brook Foundation Award to the Outstanding Senior to Michelle Stephens.

Department of Hispanic Languages and Literature Awards:

Department Awards for Excellence to Eileen Cunningham, Martha Castano, Victor Portes, and Adrienne Desiano.

Stony Brook Foundation Award for Excellence in Hispanic Languages to Adrienne Desiano.

Department of History Awards:

Best Teaching Assistant Award to Gerard Giannattasio.

Jackson Turner Main Award for Graduate Students to Silvana Palermo.

Philip J. Staudenrauss Award for History to Kelly S. Williams.

Stony Brook Foundation Award for Excellence in History to Thomas F. Bubeck.

Department of Mathematics Awards:

Chairperson's Award for Excellence in Teaching by a First or Second Year Graduate Student to Sarah Knapp and Robert Stingley.

Chairperson's Award for Excellence in Teaching by a Graduate Student Receiving a Ph.D. to James Anderson.

Stony Brook Foundation Award for Excellence in Mathematics to James Kuczumski and Maria Walters.

Undergraduate Award for Excellence in Mathematics and Service to the Department to Grace Sciacca and Maria Walters.

Department of Philosophy Awards:

Senior Awards in Philosophy to Gina D. Gavaris, Jennifer L. Katz, and David C. Grossman.

Senior Leadership Award to Helen Rozelman.

Department of Physics Award:

Outstanding Teaching Assistant (Graduate Student) to Sebastio Padua.

Department of Political Science Award:

Stony Brook Foundation Award for Excellence in Political Science to Anthony Bubeck.

Department of Psychology Awards:

Chiang Ching-Kuo Foundation Doctoral Dissertation Fellowship to Keng-Ling Lay.

Ford Foundation Dissertation Fellowship to Michael Gayle.

Department of Sociology Outstanding Scholarship Award:

to Sharon Smith, Howard Cutler and Patrick Moynihan, is presented to graduating senior sociology majors.

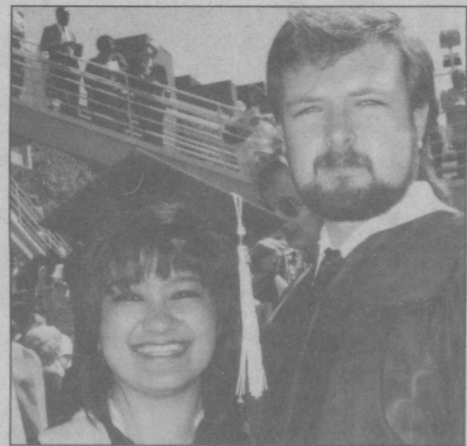
Faculty/Student Association Quality of Campus Life Awards:

recognize outstanding contributions to the quality of campus life.

Elsa Jona Quality of Life Scholarship, to graduate student Kirk Dunbar and undergraduate student Angela Tu, is presented to students who have demonstrated leadership by initiating a program which has improved the quality of life on the Stony Brook campus.



Alumni Association Awards were presented to Alyson Gill, Alan Fritzhand, Angela Tu and Ben Katz at the Undergraduate Excellence Awards ceremony on April 17.



Graduating with smiles are Penny Wong and Richard Matzelle.

Leadership Awards are presented to the presidents of those campus-wide student organizations which work closely with union and activities staff. This year's recipients are John DeFalco (Returning Student Network president), Yves Gabriel (Interfraternity/Sorority Council president), Dr. Robert Kerber (Faculty Student Association president), Tom Liao (Union Advisory Board chairperson), Dan Slepian (Student Polity Association president), and Lee Wiedl (Commuter College president).

Media Arts Awards recognize service and dedication of campus media editors and program directors. This year's recipients are Dwayne Andrews (*Black World* editor-in-chief), Seth Hopkins (*Specula* editor-in-chief), Dave Joachim (*Statesman* editor-in-chief), Lara Jacobson (*Stony Brook Press* editor-in-chief), Otto Strong (*USB Weekly* editor-in-chief), and Steven Thornton (WUSB 90.1 FM program director).

Therera Montevero 200 Percent Outstanding Senior Leadership Award, to Angela Tu and Michelle Pipa.

Special Programs Awards are presented in recognition of significant contribution to campus activities supporting Association of the College Union-International programs. This year's recipients are Mike Bergin, Mas Hasimoto, Seth Hopkins, Lee Montes, Sean Newman and Frank Tantillo (all were members of Stony Brook's College Bowl team).

Student Union and Activities Student Staff Service Awards are presented to students and staff who have made a significant contribution or change to enhance union and campus programs, services and/or facilities. This year's recipients are Cyndi Anstey (Operations Award), Heather Berardo (Administration Award), Steven Thornton (Media Award), Erika Votruba (Activities Award), and Tobi Yudin (Student Polity Association executive director).

Freshmen Essay Contest: first prize, Michael Giacalone; second prize, Brett Freese; third prize, David Spinelli.

Morris M. and Maria H. Goldberger Award, to Carol Schwartz, is presented to a graduate art student.

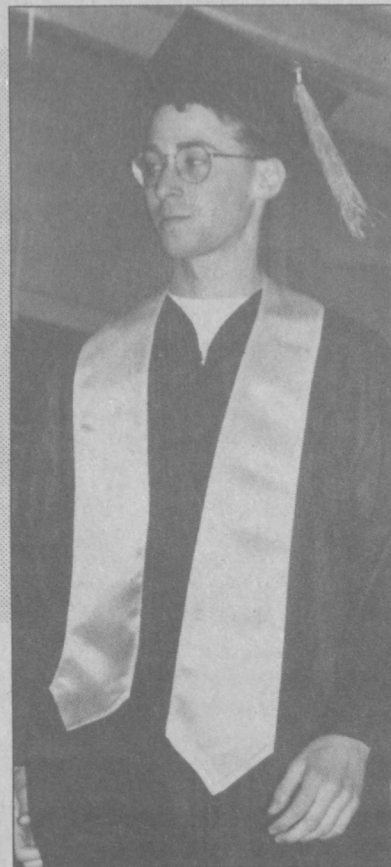
Graduate Student Alumni Award to Shari Lachow (School of Social Welfare).



A brand new doctor: Yun Liang receives her doctoral hood from physics professor David Fossan at the commencement ceremony.



Arun Seraphin receives an Undergraduate Excellence Award from President John H. Marburger.



Senior Ronny Bachrach was named H. Lee Dennison Valedictorian.

Cecil L. and Claire D. Hall Scholarships, to Amy Altman, Yonit Bartal, Varghese Cherian, On Ki Cheung, Quyen Duong, Cheryl Gammone, Santosh John, Richard Kramer, Nicholas Mamatas, Elena Miliaris, Eric Minton, and George Murray, are awarded annually by the Stony Brook Foundation on behalf of Cecil L. and Claire D. Hall to entering students who have demonstrated exceptional academic promise.

Harriman School of Management's Outstanding Graduate Student Award to Kristen Ruais.

Honors College Awards:

Morris Gabriel Cohen Scholarship to Michele Barber (freshman).

Charles T. Davis Matching Scholarship to Michele Cannon (freshman) and Gordon Callender (sophomore).

Paul Neuberger Award to Susan Scheer.

Stony Brook Foundation/Empire State Minority Award to Jay Fuentes, Emeka Momah, and Veronica Rodriguez.

Carol Marburger Scholarship, to Rachel Greenhaus, is awarded annually by the Stony Brook Foundation in recognition of Carol Marburger's contributions to the university and its students to an incoming student who shows exceptional academic promise.

Ward Melville Valedictorian Award, to Michelle Stephens, is presented to the graduating senior who has attained the most outstanding academic record during four years at Stony Brook. This is the university's most distinguished undergraduate honor.

William and Theresa Meyer Scholarship, to Mark Dunkhase, is given to a student excelling in Asian, Near or Far Eastern studies.

Minorities in Engineering and Applied Sciences Award, to Jacques Richard, is presented to a pre-engineering, engineering or applied sciences student who has demonstrated academic excellence in mathematics, physical science and engineering or applied sciences coursework and who has contributed significantly to efforts to increase representation of traditionally underrepresented students in the College of Engineering and Applied Sciences.

Minorities in Medicine Award, to Jason Denny, for excellence in academics and community service.

Elisabeth Luce Moore Fellowship in International and Religious Studies, to Albert Charles Muller, is presented to a Stony Brook student who demonstrates outstanding academic potential and gives promise of contributions of unusual stature to the fostering of international understanding and/or to the appreciation of religious values.

Richard B. Moore Scholarship, to Naala Royale and Joseph Mignon, established to honor the memory of the distinguished civil rights activist and historian, provides recognition to a Stony Brook student of African-American heritage with outstanding academic potential.

Babak Movahedi Senior Leadership Award, to Angela Tu, is presented to a graduating senior who has made a significant change in the campus environment by bringing together various constituencies through community development.

Phi Beta Sigma Fraternity Merit of Excellence, to Audrey Laguerre, is presented to a minority student completing the sophomore year who has shown commitment to community service.

President's Acquisition Prize, to Mary Sherard, is awarded to a senior art major whose works, in judgment of the studio art faculty, demonstrate originality, imagination and mastery of craft. The works selected become part of the university's permanent collection.

President's Award to Distinguished Doctoral Students to Michael Bernard-Donals (English), Gail Hanson (History), Deborah Hecht (English), Gabriel Moreno (Ecology & Evolution), and William Rooney (Chemistry).

President's Award for Excellence in Teaching by a Graduate Student to Maria Cole (Anatomical Sciences), Sundeep Malik (Molecular Biology and Biochemistry), Lisa Wolff (Psychology), Grace Bullaro (Comparative Studies), J. Daniel McKnight (Psychology), and Marcela Kedro (Germanic & Slavic Languages).

William and Maude Pritchard Scholarships, to Kathleen Pathe, Deborah Quaglio, Pamela Rief, Burton Rocks, Alexandros Tsepatis, and Rachel Wexelbaum, are awarded annually in memory of William and Maureen Pritchard to entering students who have demonstrated exceptional academic promise.

Larry Roher Undergraduate Entrepreneurial Achievement Award, to Ben Katz, is presented to an undergraduate who has assisted in Stony Brook's quest for excellence and improved quality of life through innovative thought and action.

Scholastic Achievement Incentive for Non-Traditional Students (SAINTS) Outstanding Achievement Awards are presented annually to recognize outstanding African-American, Latino and Native-American students.

African Student Union Akwasi Owusu-Baah Award, to Danielle Brown.

SAINTS Founders Award, to Manuel Brea and Mark Knight, is presented to the outstanding minority student in the natural sciences, mathematics or engineering.

SAINTS Graduate Fellowship Award, to Cicero Brabham, is presented to minority students about to enter graduate study programs.

SAINTS Outstanding Achievement Award, to Kim Bost, Claudette Lewis, Heather McGowan, Emekah Momah, and Peta-Ann Webster.

SAINTS Yacub E.L. Shabazz Award for Community Service, to Sean Joe, is awarded to upper-division minority students who have demonstrated commitment to community service.

The Senior Leadership and Service Awards are presented to graduating seniors who have made an outstanding contribution to campus life through leadership or community service. This year's recipients are Barbara Abernathy, Michelle A. Benfield, Thomas A. Briell, Agnes S. Chen, Cirstin Connors, John D. Cooper, Ross R. Delacruz, and Augustine A. Diji.

Also Devi G. Enerio, Greg A. Ganes, William G. Hawkins, Seth H. Hopkins, Jeanne Licari, John P. Liuzzo, Janel Lombardi and Michelle L. Meyer.

Also Michelle M. Pipia, Kerry J.

Puckhaber, Sandra L. Robbins, Rogers E. Rospars, Naala Royale, and Helen Rozelman.

Also Arun A. Seraphin, Deirtre G. Simpkins, Janine T. St. John, Angela Tu, Julia Vecchio, Debra M. Whittemore, Natalie A. Wojnarowski and Penny J. Wong.

Senior Scholar Athletes of the Year to Rogers Rospars and Laura LaRock.

Sigma Xi Chapter Award for Excellence in Research, is presented to students for excellence in scientific research and academic achievement. The following students received the award: Patrick Raue (masters program), Elisabeth Bloch, Robert Frost, Gabriel Gwanmesia, Ruth Heidelberger, Kavita Peshori, and Roxann Schroeder (doctoral program).

Matthew and Marcia Simons Scholarship, to Joseph Weingartner, is a four-year scholarship awarded to an entering freshman who shows exceptional academic promise. Recipients must achieve an annual grade point average of 3.5 or higher to continue to receive this scholarship.

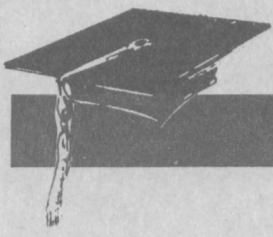
Michael Slynn Memorial Award, to Michael Zachry, is awarded to an outstanding disabled student.

Social Sciences Interdisciplinary Program Awards:

Stony Brook Foundation Award for Outstanding SSI Graduates to Jennifer Creedon and Frances Katsar.

Esther and Jack Spivak Memorial Scholarships, to Heather Books, Chiun I. Chen, Debra Euler, Alexia Marcous, and Michael Shabtai, are awarded to entering students who possess evidence of outstanding creative talent and the ability to succeed academically.

William J. Sullivan Award, to Stephanie Rothman, is given to a graduating senior in recognition of outstanding service contributions to the development of academic and student life on campus. The Sullivan Prize is the most prestigious service prize the university presents to a graduating senior.



Student Awards and Honor Societies



Mary Alice Callery, who received the School of Medicine's highest student honor—the Marvin Kushner Award—and an American Medical Women's Association Award, presents the Student Address with William O'Malley.

John S. Toll Prize for Physics, to Glenn Soberman, is awarded to the outstanding graduating physics major.

The Undergraduate Excellence Award acknowledges undergraduate accomplishments in areas including community service, the performing and visual arts, athletics, research and student government. Less than one percent of the undergraduate population receive a Certificate of Excellence.

This year's Undergraduate Excellence Award winners are: Hisham Awad, Keith Babich, Dino Basso, Daniel Beckles, Peter Bernstein, Arthur Bozza, Kathleen Brown-gardt, Dorothy Butler, Troy Callahan Alejandra Castillo, Agnes Chen, Suk-hang Chin, Cary Chu, Luis Cifuentes, Kevin Cordes, Karen Correia, and Maxine Douglas.

Also Curtis Francis, Kaye A. Gordon, William Greenberg, Consuelo Gross, Susan Hart, Jeffrey Hartge, Stephen Hayn, Christine Hermann, Seth Hopkins, Heung Hui, Lara Jacobson, David Joachim and Frances Katsar, Mark Anthony Knight, Darlene Kozlakowski, Scott Kuduk, and Laura LaRock.

Also Glenda LaSalle, Russell Lawrence, Joan B. Levine, Scott Levine, George Liakas, Carl LoBue, Beverly Longo, Yuming Lu, Vincent Lupo, Hania Majzoub, Wallace Marshall, Steven McCabe, Gladys McNish, Doreen Mensah, Shawn Mollin, Michelle Myer, Valerie Palmer, and Peter Parides.

Also Monica Petrizzi, Craig Petry, Michelle Pipia, Lemont Platt, Sara Proctor, Meegan Pyle, Paul Recchia, Stephanie Rothman, Naala Royale, David Ryals, Adam Sah, Alan Saporta, Martin Schwartz, Marzya Sdrewski, Arun Seraphin, Robert Serratore, Donna, Shapiro, Henry Shaw, and Daniel Slepian.

Also Loralie Smart, Glenn Soberman, Janine St. John, Michelle Stephens, Otto Strong, Erenisse Tavarez, Marie Turchiano, Michele Turchiano, Jennifer Van Sleet, Julia Vecchio, David Vilkas, Sinisia Vukic, Michael Walsh, Joyce Warner, Debra Whittemore, Lee Wiedl, Cosette Witty, and Penny Wong.

Undergraduate Research and Creative Activities (URECA) Award, to Karen Lutzer and Glenn Soberman, is awarded to assist students pursue research projects related to their major.

Mildred and Herbert Weisinger Fellowship, to Ciro Sandoval Becerra, is awarded to a doctoral student in financial need so that he/she may complete a dissertation which otherwise would be delayed.

SCHOOL OF MEDICINE

1991 Award for Clinical Excellence to Steven M. Scofield.

Citizenship Award to Shaila Sherwin.

Excellence in Research Award, to Austin Y. Chen, is conferred on the student receiving his/her degree with distinction in research.

Janet M. Glasgow Awards, to Mary Alice Callery, Kalpana Gupta, Ania Kowalik, Leanne Mary Molia, and Kathleen Walsh-Rene, are given out by the American Medical Women's Association to recognize academic accomplishments among women who are honors graduates as indicated by election to Alpha Omega Alpha.

Marvin Kushner Award, to Mary Alice Callery, for general excellence in medicine.

SCHOOL OF DENTAL MEDICINE

American College of Dentists Outstanding Student Award, to Thomas A. Bissell, is presented to a graduate based on academic achievement, high ethical standards, and leadership potential.

Children's Dentistry Awards:

Academy of Oral Pathology Award to Neil D. Berman.

American Academy of Oral Medicine Award to James Mastrodomenico.

American Association of Orthodontics Award to Hera Kim.

Dental Society of the State of New York Student Leadership Award, to Michael S. Bloom, is presented by the Dental Society of the State of New York to the graduate who has exhibited high moral character and been actively involved in promoting interest in the American Student Dental Association.

Leon Eisenbud Award for Excellence in Oral Pathology, to Michael S. Bloom, is presented to the graduate who has demonstrated extraordinary interest and ability in Oral Pathology. This award was established in recognition of the contributions of Dr. Leon Eisenbud to the field of oral pathology and for his efforts in developing the program at Stony Brook.

International College of Dentists Award, to Neil D. Berman, is presented annually at each United States dental school to the graduate who has shown the greatest professional growth and development.

Oral & Maxillofacial Surgery Awards:

American Association of Oral & Maxillofacial Surgeons Award to James Mastrodomenico.

American Dental Society of Anesthesiology Award to Robert A. Abramson.

New York State Society of Oral and Maxillofacial Surgeons to Hera Kim.

Oral Surgery Certificate of Merit to Thomas A. Bissell.

Periodontics Awards:

American Academy of Periodontology Award to Thomas A. Bissell.

Northeastern Society of Periodontics Award to Mary S. Hegarty.

John Oppie McCall Award to Andrew J. Leder.

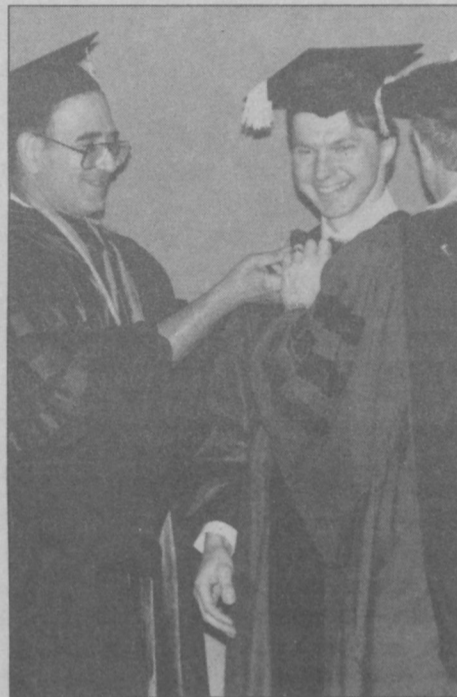
Quintessence Award for Clinical Achievement in Periodontics to Kathleen M. Frost.

Restorative Dentistry Awards:

Academy of General Dentistry Award to James Mastrodomenico.

Academy of Operative Dentistry Award to Thomas W. Manders.

American Association of Endodontics Award for Excellence in Endodontics to Mary S. Hegarty.



Frederick Miller, chair of Pathology, and Jack Stern, chair of Anatomical Sciences, bestow the Medical School's ceremonial hood on Richard Hanwacker.

American College of Prosthodontics Achievement Award to Alexander Resnansky.

Dentsply International Fixed Prosthodontics Award to James Mastrodomenico.

Dentsply International Removable Prosthodontics Award to Michael S. Bloom.

Quintessence Book Award to Patricia A. Kennedy.

Teledyne Hanau Award for Clinical Achievement in Prosthodontic Dentistry to Donna Casella.

Suffolk County Dental Society Award, to James Mastrodomenico, is presented to the graduating senior who has demonstrated a high level of clinical competency in the third and fourth years.

General Awards:

Academy of Dental Materials Award to Hera Kim.

Academy of Dentistry for the Handicapped Award to Robert A. Abramson.

Alpha Omega Fraternity Award to Neil D. Berman.

Alumni Association Award to Irene Wong.

American Academy of Dental Practice Administration Award to Andrea D. Popescu.

American Academy of Dental Radiology Award to Joseph Portnoy.

American Association of Public Health Dentistry Award to Robert A. Abramson.

American Association of Women Dentists Award to Roseann J. DeJoseph.

Dentsply Student Clinician Award to Hera Kim.

Pierre Fauchard Academy Outstanding Achievement Award to Irene Wong.

William S. Kramer Award of Excellence to Frank Egan.

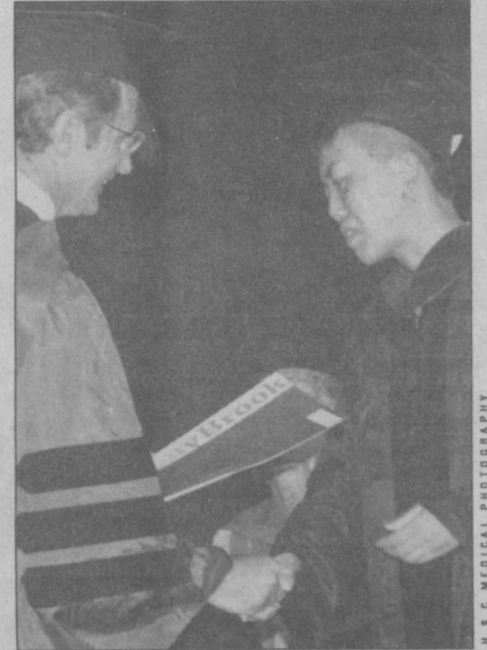
Long Island Academy of Odontology Award to Eric B. Holst.

National Society of Dental Practitioners Award to Andrea D. Popescu.

Omicron Kappa Upsilon Freshman Award to Jeffrey Felicetti.

Quintessence Book Award to Thomas A. Bissell.

Suffolk County Dental Society Scholarship Award (Year III) to Frank Egan.



Austin Chen received the Excellence in Research Award.

MENTOR PROGRAM

Academic Achievement Awards to Nicole Allicock, Yesenia Arias, Bernadette Aulivola, Daniel Beckles, Patricia Benjamin, Kim Bost, Natasha Carlo, Pei Yu Chen, Casilda Coulthurst, and Ramona Cummings.

Also Augustine Diji, Renu Doshi, Maurice Douglas, Xenia Fanduiz, Denise Francis, Nicole Fraser, Maria Garcia, Sheila Goss, Lisa Granados, and Multida Guillet.

Also Veronica Hernandez, Adrienne Hight, Mohamed Ibrahim, William Jiang, Peniel Joseph, Anthony Lequerica, Sabrina Lewis, Debbie Maldonado, Sharon Massiah, and Monica Medina.

Also Carlo Natasha, Gladys Nwosu, Odalis Smith, Tamara Peters, Chanda Pilgrim, Fanny Ramos, Chavon Robinson, Jesus Sanabria, Joan Simpson, and Odalis Smith.

Also Wei Qiang Tan, Jonelle Taylor, Katherine Taylor, Albert Torres, Diana Urrea, Adrienne Valencia, Buffi Ward, Peta-Ann Webster, Vernard Williams, Francis Wu, and Linda Yim.

HONOR SOCIETIES

Omicron Kappa Upsilon (National Dental Honor Society) inductees are Neil D. Berman, Thomas A. Bissell, Eric B. Host, and James Mastrodomenico.

Phi Alpha Theta (History Honor Society) members are Jeff Alvins, Michael A. Brockbank, Thomas F. Bubeck, Rita Buckley, Arlene D. Cohen, Cirstin Maria Connors, Peter Culhane, John W. DeHaan, and Jason Epstein.

Also Bradley Douglas Firestone, Marie Louise Francis, Todd Friedman, Marco Giamberardino, Glenn L. Greenberg, Douglas A. Horton, Andrew Thomas Jacovina, Michael A. Krysko, Linda Lee, and Dean E. Miller.

Also Peter K. Parides, Richard Pawelczyk, Lucille R. Petrosini, Michael Ryan, Diane A. Smith, Michael Sonkin, Melanie Suhrada, Frank Tantillo, Jane M. Tulley, and Kelly S. Williams.

Sigma Pi Sigma (Physics Honor Society) inductees are Michael R. Andrews, Sebastian Arengo, Hung Ching, Gami Dadusc, Elan Eisermesser, Mark Pollack, Steven W. Rock, and Glenn E. Soberman.

Sigma Xi (Scientific Research Honor Society) inductees are David Arnold, James Bibb, Peter Brooks, Brian Hilbush, Yueh-Ting Lee, Karen Lutzer, Janet Morrison, and Sherry Neff.

Also Paige Ouimette, Haluk Resat, William Richards, Fernando Salles, Nutan Sharma, Glenn Soberman, Karen Topp, Peter Ungar, and Sheryline Zebroski.

Phi Beta Kappa: A National Legacy of Scholarship

The following are the Phi Beta Kappa induction introductory remarks by Barry Coller:

Several years ago I read the following quotation from John Adams and it struck me as being particularly appropriate for this Phi Beta Kappa induction ceremony.

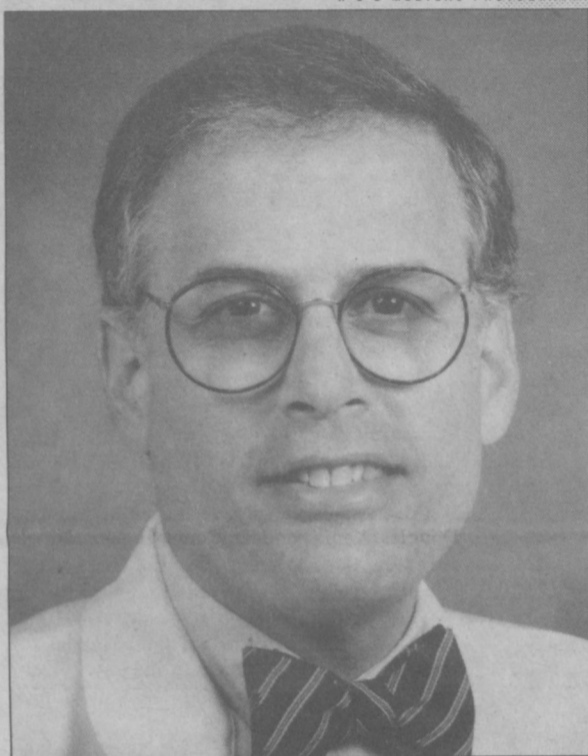
"I must study politics and war, that my sons may have liberty to study mathematics and philosophy, geography, natural history and naval architecture, navigation, commerce, and agriculture, in order to give their children a right to study painting, poetry, music, architecture, statuary, tapestry, and porcelain."

Our country was blessed at its founding with leaders who were practical enough to understand the importance of establishing our political and economic security, but who realized that those were not ends in and of themselves; in fact, they were just the prerequisites for attaining a higher good of broad, humanistic scholarship leading to the advance of human knowledge for the benefit of all mankind. The extraordinary strength of this commitment was demonstrated by the founding of this society, Phi Beta Kappa, dedicated to these ideals, just six months after the signing of the Declaration of Independence and at a time when our country's very existence was in doubt.

We are the beneficiaries of this wonderful legacy, and you, by your hard work and superior achievement, have earned your place in this great march toward truth. By now your scholarly efforts have given you a taste of how rewarding it is to know a subject in depth, to get beyond the superficial 'common knowledge' and to delve into the core so as to ferret out the nuances that allow you to leap the enormous gulf that always separates the 'almost truth' from the 'real truth.' Contributing to even a small part of the real truth will provide you with a transcendental satisfaction that is as close to immortality as humans can achieve....

As members of Phi Beta Kappa you are obligated to protect the values of liberal scholarship and to defend them against the many enemies that periodically rise to give challenge: greed, ignorance, superstition, intolerance, and totalitarianism. You are our best great hope and I wish you Godspeed.

Dr. Coller is president of Alpha Beta chapter, professor of medicine and pathology, and chief of the Hematology Laboratory at University Hospital.



Dr. Barry Coller

"...in order to give their children a right to study painting, poetry, music, architecture, statuary, tapestry, and porcelain."

— John Adams

18th Annual Initiation of New Members to the Alpha Beta of New York Chapter

Juniors:

Leanne Bertino, Alexander S. Burry, Douglas H. Carsten, Laura A. Damato, Marc Dinowitz, Seth Dinowitz, Nicole A. Garfield, Jennifer L. Helbig, Linda M. Honkanen, Anthony J. Ippolito, Navid Kazemi-Ashtiani, Dorothea Scholz, Kevin P. Stevens, Howard R. Sussman, Scott C. Wodicka, and Linda Yim.

Seniors:

John A. Alita, Roger V. Armstrong, Wendy S. Axelrod, Ronny Bachrach, Ani A. Baghdassarian, James O. Bardwell, David Baryk, Randi L. Birnbaum, Erin Brewster, Heidi Brown, Thomas F. Bubeck, Michael M. Burkart, Roman W. Busch, Lori I. Castorina, Lily Chen, Phat Chuc, Lori A. Cohen, Jennifer M. Creedon, Marla T. Curtis, John K. D'Angelo, Karen

Delcompare, Chris J. Delisle, Adrienne Desiano, Roger W. Dilworth, and Eileen A. Dowd.

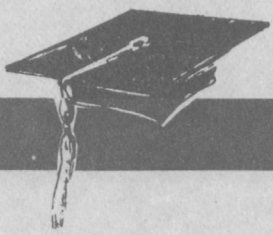
Also Jason S. Epstein, Debra R. Erstling, Nicholas Farina, Doris Francis, Gina D. Gavaris, Gino E. Genna, Jacqueline M. Giardina, Karen J. Granelli, Brian D. Greenwald, Gail L. Greer, Susan A. Gregg, Julie E. Greiff, Kimberly A. Hefelee, Jason Jacobs, Nicholas M. Jones, Scott A. Jones, Sherry A. Kaplan, Daniel K. Khodadadian, Gregory Killeen, David E. Klingman, Daniel M. Kluger, Tammany M. Kramer, Gail B. Krosky, Carrieann Lahain, Linda L. Lee, and Colin M. Lellis.

Also John P. Liuzzo, Richard Lombardo, John J. Love, Karen Lutzer, Deborah H. Maier, Jack Mandala, Melanie J. Markowitz, Aino Mastokangas, Felicia

A. Mazzarella, Mark L. Mester, Donald D. Morse, Patrick J. Moynihan, Gerard Nastasi, Sherry K. Nathan, Shirley M. Newberger, Gregg D. Nezwowitz, Rosemarie Olivieri, Eric J. Olsen, Laureen A. Phillips, Mark L. Pollack, Matthew T. Presutti, Patricia Pugliani, and Jun Qian.

Also Ann C. Rau, Rogers E. Rospars, David S. Rothenberg, Stephanie Rothman, Thomas A. Rubin, Christopher M. Savio, Nancy A. Schaefer, Trisha R. Schell, Jennifer R. Schiffman, Jason F. Schreer.

Also Felicia Scocozza, Warren S. Selinger, Jonathan S. Shapiro, Jason A. Shatkin, Glenn Soberman, Joseph A. Spatoro, Thylma L. Stamaria, Dazhen Sun, Adam J. Ungar, Maria F. Walters, Karen J. Ward, Hung Yau, Zoe Yoon, Karen B. Youmans, and Nedje J. Zamor.



Speaking Out — And Listening, Too

The following is the text of the School of Medicine Convocation address by Lawrence Altman:

Congratulations, Doctors!! You have worked hard to earn your new titles. Let me be among the first to welcome you as the youngest members of our ancient profession, one that you should feel great pride in joining.

You join the American medical profession at an historic moment — historic in terms of the effect of medicine on society, and of society's effect on medicine. The world of medicine differs in many ways from the one you dreamt about when you filled out your applications to medical school.

The changes that have occurred in recent years make it likely that in some ways your lives as physicians will differ from those of the doctors who taught you. Some speak of these changes in derisive terms. Yet largely they are a natural consequence of a dynamic profession and society.

And in many ways, you will derive the same satisfaction from caring for patients and solving medical mysteries that, for centuries, has driven physicians to work long hours.

The role of the physician has always been to serve his or her patient. That service is based on the license that physicians receive from the state to practice medicine, whether in a small office or a huge medical center. That license carries with it a certain accountability to the patient. Traditionally, the terms of that accountability have been rather loosely defined and implemented.

But the time may be coming when those terms will be defined more rigidly and when, as physicians, you will be held more accountable for what you do than doctors have been at any time in the past. The demand for greater accountability stems from the important changes that have occurred in the way medicine is financed.

Many of the laments and distressing remarks directed at medicine and accountability reflect a lack of understanding of the historical evolution of the changes in American medicine.

Not long ago medicine was purely entrepreneurial, although it was not particularly remunerative. Medical students paid for each lecture. The patient paid the doctor directly out of pocket. The patient-doctor relationship was rigidly confidential, and no one else saw the records. To be sure, there was very little of the data we consider essential to good medical practice today. What little research a physician did was done in the physician's spare time, and the doctor bore the expense, unaided by grants.

But most of the costs of medicine today have shifted from the private to the public or semi-public sector.

Today, the taxpayer foots the bill for much, if not most, of the cost of medical care, research, and education.

Further, third-party health insurers contribute vast sums to the patient's medical care bills, and the costs of such coverage are regulated by public bodies.

Without taxpayer support, the buildings that surround us would not have been constructed. You would have had fewer teachers. Their research projects would have been cut to a fraction. And you might not have participated in

student research projects. Some of the preventives physicians advise and therapies they prescribe might never have been developed.

We hear so often that doctors have learned more about medicine in the last two or three decades than in all of history. Remember most of that would not have happened without taxpayer-supported research.

That public support has benefited you as students. As expensive as it has been for you, your spouses, and your families to pay your tuition bills, and as deep in debt as many of you are, it would have been more expensive without the taxpayer-supported subsidies for your medical education.

Put simply, the bulk of the income of most physicians is derived from taxpayer and third party funds.

What this means is that the medical profession has become a public institution. As doctors you are not only M.D.s, but also public servants — in the best sense of the phrase. And in our system of government, if the public pays, the public has a right to accountability.

It may seem strange to hear about medicine as a public institution when so much discussion has been about the growth of for-profit hospitals and of private industrial relationships within academia.

But do not let these important debates obscure a crucial point: these so-called for-profit institutions are not totally free enterprises. They are publicly regulated, and public officials can exert enormous influence over them because their revenues are derived from taxpayer funds.

For instance, the health care financing administration — the funder of the Federal Medicare and Medicaid programs — has control over Medicare and Medicaid expenditures, whether they are incurred in for-profit or in nonprofit medical centers.

The Food and Drug Administration controls the release and recalls of the

drugs and therapeutic devices that private companies manufacture.

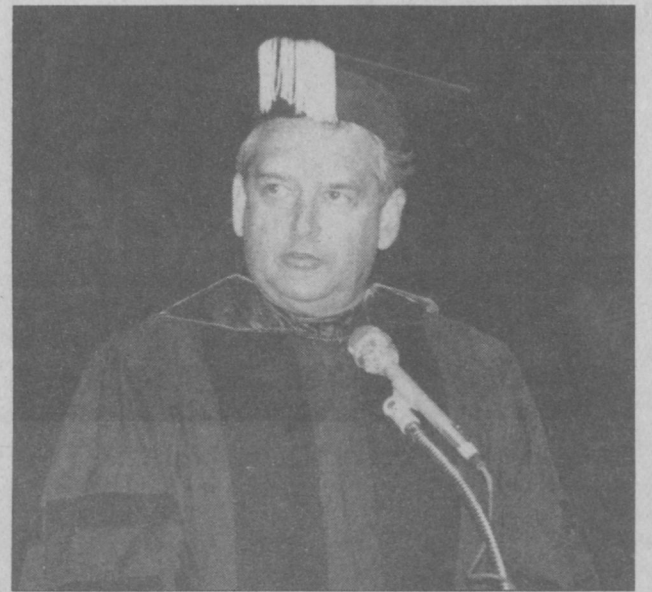
An unexpected, perhaps unintended, dividend of the current debates is that for-profit institutions of science and medicine have challenged non-profit ones to account to the public in a way non-profits never had to do in the past. Both are increasingly required to be accountable.

That situation is healthy for all.

It's fashionable in medicine to be critical of industry. But remember. There is as much danger from too great a reliance on a government, non-profit system as there is from the other end of the spectrum, one dominated by the private, for-profit side.

Doctors working for governments often face greater restrictions of professional principles than those physicians who are free to choose among competing private groups.

When I went to Africa to investigate AIDS a few years ago, I found that many physicians were forced to remain silent about a spreading epidemic because of political



Lawrence Altman, physician and medical writer for *The New York Times*, addresses the School of Medicine Convocation.

pressures exerted by African governments. Research on AIDS was going on in Africa. However, many political leaders apparently did not allow doctors investigating AIDS in Africa to report all their findings, either in medical journals or to the public. Yet that data would be pertinent to the current global epidemic.

Too little is made about the dangers of political control in the arguments about the relative merits of non-profit and for-profit medical care.

In the United States, one clear effect of the vast public taxpayer expenses for medicine is that health care has become subjected to the political process. And by that I mean the mechanics of government — the lobbying, the regulation, the budgetary scrutiny and the debates in congress and state legislatures and in the public arena that are part of the American political process.

A non-profit, government-supported health system brings with it certain obligations of accountability; obligations that have been highlighted in this age of consumerism. Consumer advocates may force the day when, with respect to common ailments, your hospital or clinic will have to publish the data about your rates of success and failure. A compelling case can be made for giving the public such a basic accounting.

Last week, the Federal Health and Human Services Administration released the names of hospitals where the death rates were above and below the averages calculated for all hospitals as part of its ongoing evaluations.

New York State has begun ranking cardiac surgery centers.

We still have a ways to go to weigh severity of illness and other important factors.

Consumer advocate groups are likely to exert pressure for government agencies to use better statistical and epidemiological techniques to analyze the data in more meaningful ways in the future.

We would already have those tools if medicine had paid more attention to Dr. Ernest Amory Codman, a surgeon in Boston, earlier this century. To raise the standards of American hospitals, Dr. Codman proposed that each hospital establish a follow-up system of tracing the outcome of treatment given to each patient. He fought to make surgical techniques, hospital organization, and patient care more efficient. One of Dr. Codman's ideas was for a clerk to write a routine letter to every patient who had been discharged the previous year, asking the patient to report to the emergency room for a follow-up examination or to reply by letter.

Needless to say, Dr. Codman had his problems with medical and hospital politics. However, Dr. Codman has left you with a magnificent legacy.

The need for accountability provides your generation with as great a challenge as there is in medicine — to better evaluate what we do and how well we do it.

The medical profession has always held itself to a high standard because it deals with suffering and matters of life and death. That is why society has held doctors in such high regard. If we work as long and as hard as we do each day, and we put patients through a degree of suffering to make them feel better, isn't it natural that we would want to develop methods to determine such outcomes — to make sure that we are doing the best that we can?

So, why not find the formulas that would provide valid data?

This is a great challenge.

You, the members of the Stony Brook Medical School

"The need for accountability provides your generation with as great a challenge as there is in medicine — to better evaluate what we do and how well we do it."

Class of 1991, have tools such as epidemiology and statistics that were unavailable to Dr. Codman. The tools can be adapted to provide the accountability that the public is demanding for the care it receives and its investment in medicine.

Unquestionably, medicine is more scientific today than it was 50 or 25 years ago. And that scientific knowledge is what makes you able to practice a better standard of medicine than past graduates.

But don't get too cocky!

We often put too much emphasis on how much we know instead of how much we need to learn.

Because medicine is now a public institution and involved with the governmental process, it will be your duty as practitioners and researchers to speak out - to be leaders. It will be your obligation to fight for what you believe in.

Do not repeat the error made in my time. My medical school class, for example, was sternly warned not to get involved in politics or public policy. The message was loud and clear: stick to science and leave the rest to the politicians. That attitude has contributed to the declining image of medicine.

The days when doctors kept silent and let others speak for them must end. If not, doctors and their patients are going to continue to lose more ground because that is the way it is in the political process.

Remember: if you have not been a patient, there will be a time when you will.

Learn to speak out on public policy issues.

If you are handicapped in treating certain diseases because the therapies are ineffective, and you believe more research funds are needed, let out there and tell the public why in terms people can understand.

Don't bitch to your classmates and medical colleagues — because they know. Instead, tell your lay friends, patients and the public — because they do not.

And listen to their replies. They may have a different and valid point of view.

In speaking out, you will have to learn to make a crucial distinction — that is, to distinguish between defending vested interests and defending what is best for your patients and for society.

The problem is that many people perceive doctors as acting more in their own self-interest than in the interest of the patient. That is a dangerous situation because it risks the loss of public confidence and trust — the very foundations of effective medical practice.

Learn to explain medical problems in terms your friends who are not in medicine can understand, not in the jargon that fills the pages of scientific journals. Journals have reached the point where authors sometimes can understand only their own paper but not the other papers in the same issue. So if we can't talk to each other as physicians, how can we be understood by patients?

Also, beware of the jargon we use in explaining things in simple terms to patients and the public. In relating to the public, remember that the layman does not have the same access you do to what is going on in hospitals and doctors' offices. The lay public can see what you do only as an outsider looking in. Don't forget that.

Your burden will be to learn how to explain something as if you were on the outside, but with the knowledge only an insider can have.

In doing your part to close the gap you must become good communicators. Not only must you learn to commu-



"...it will be your duty as practitioners and researchers to speak out — to be leaders. It will be your obligation to fight for what you believe in."

nicate more effectively with the public, but also to individual patients.

Recall how little you knew and how much you have learned since you entered medical school. Rely on your new-found knowledge and use your imagination to explain things to patients and the public.

Bear in mind that what patients most commonly complain about is that their doctors are not attentive enough. Patients say that doctors are too rushed and when they do take the time they do not really listen. That is a shameful situation, and one for which there is no adequate excuse. Not listening is a form of arrogance, and perhaps that arrogance is what the public dislikes most in their perception of physicians' attitudes.

You expect trust from your patients. You must not only earn it but also return it in the form of effective service.

Of course, patients are not always correct. There never will be enough time in the day to hear everyone's complaints. And the gift for gab is no substitute for knowing medicine. Still, the art of medicine includes doing your best to relate to your patient as a human being, not antagonizing the patient. Not long ago this was known as the bedside manner, or the laying on of hands.

There is also a compelling clinical reason for listening. Despite all the technological innovations, the medical history still is the basis of medical practice. And after all, what is the medical history but an interview and the beginning of a special relationship.

Remember, the patient knows more about himself or herself than anyone else. As a physician, you have to be lucky enough to ask the right question and to be diligent to listen to the answer.

Much of the work of a doctor is being a journalist, an investigative reporter. What distinguishes the best clinicians and medical researchers is that they have learned how

to ask the sharpest and most probing questions and to listen intently to the answers and to use their fund of knowledge to analyze that information.

Have someone else test what your patient understood you to say, or do it yourself. And take the time to write down instructions legibly for other family members. You need their cooperation as well, in this day of out-patient care, to help the patient maintain a regimen. If you do that you will find that patients do not always hear what you think you said, and if they heard, do not always understand.

It took you four years under intense pressure to learn what you know about medicine, and it will take you another few years of training to become specialists. Is it fair to expect that patients will learn about their illness in the few minutes you spend hurriedly telling them?

Remember that that communication takes place at a time when a patient is apt to be extremely anxious.

Be attentive for the verbal and non-verbal clues that may lead to a diagnosis. Listen also for the new ideas that can come from a patient's observations. After all, more than once patients are the ones who have made the observations that turned out to be medical discoveries.

My message then is: speak out, but also listen.

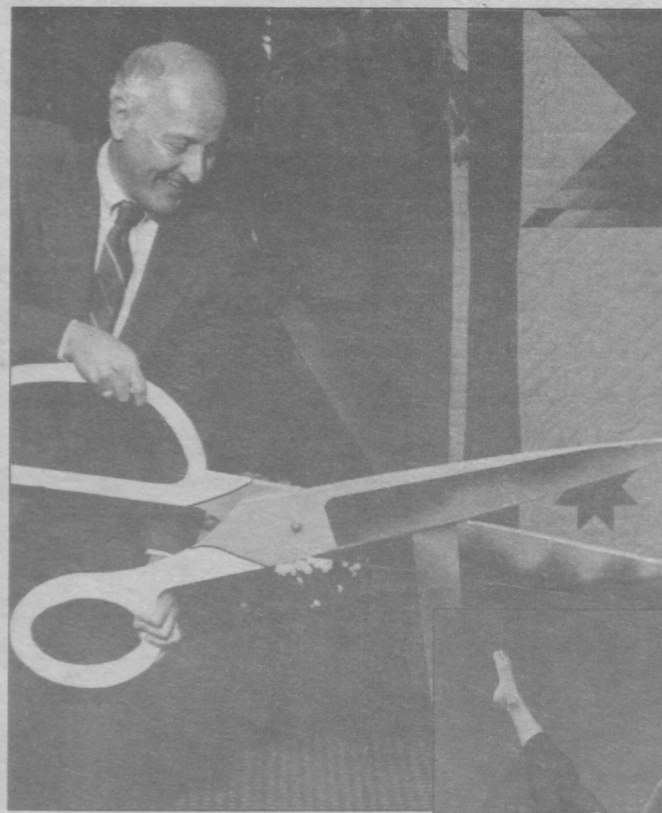
If you become good physicians, you will have as tough a job as there is. And if you do it well there will also be many rewards.

Your residencies start in a few weeks. But until you embark on your future and the future of medicine, go out and enjoy yourselves. It will be a long time before you will have that much free time again, and you deserve it.

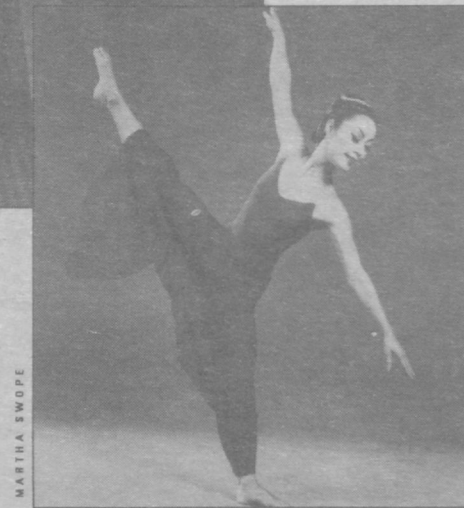
Thank you.

© Lawrence Altman, 1991. Dr Altman is medical writer for The New York Times.

THE YEAR IN PICTURES

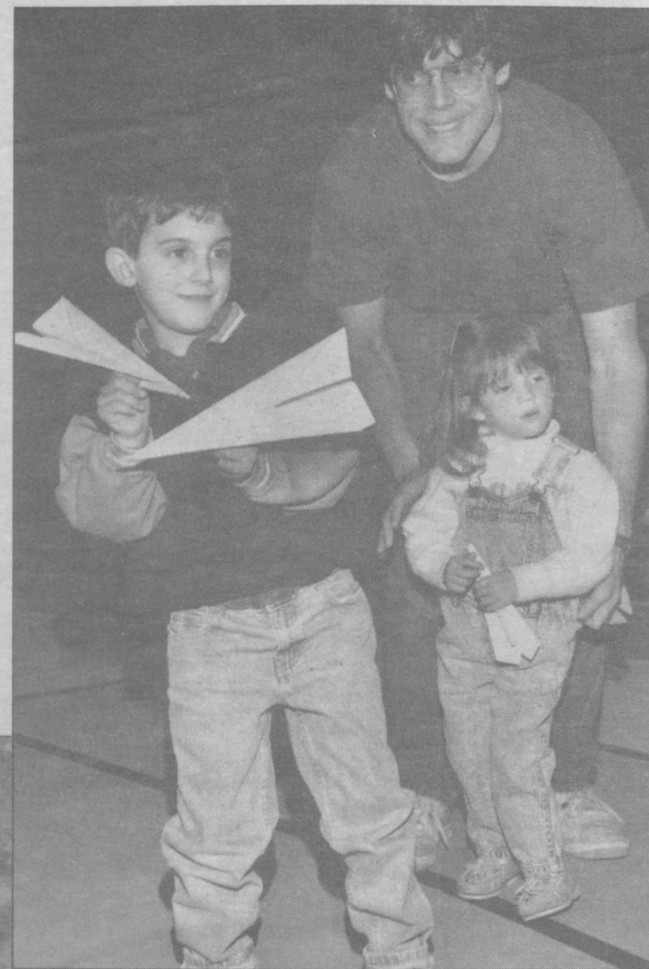


State Senator Kenneth LaValle cut the ribbon to dedicate the Frank Melville Jr. Library's computerized STARS system in October.

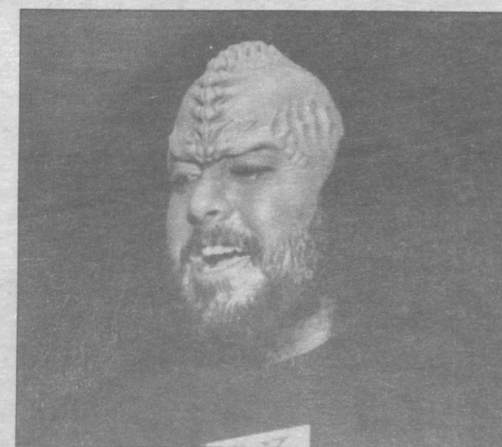


Martha Graham Dance Company's Takako Asakawa performed at the Staller Center for the Arts in February.

The Czechoslovak Chamber Orchestra played the music of Bach and Mozart at the Staller Center for the Arts in February.



The Great Paper Airplane Competition was a highlight of Community Partnership Day on March 16.



At the I-Con science fiction and fantasy convention in April, Brian Powers dressed as Klingon Commander Khor.



Homecoming king, Yves Gabriel, and queen, Michelle O'Connor, stood in the October rain with University President John H. Marburger.



April brought Carolyn Eden and the rest of the Pride Patrol out with shovels, rakes and paint brushes for Campus Cleanup Day.



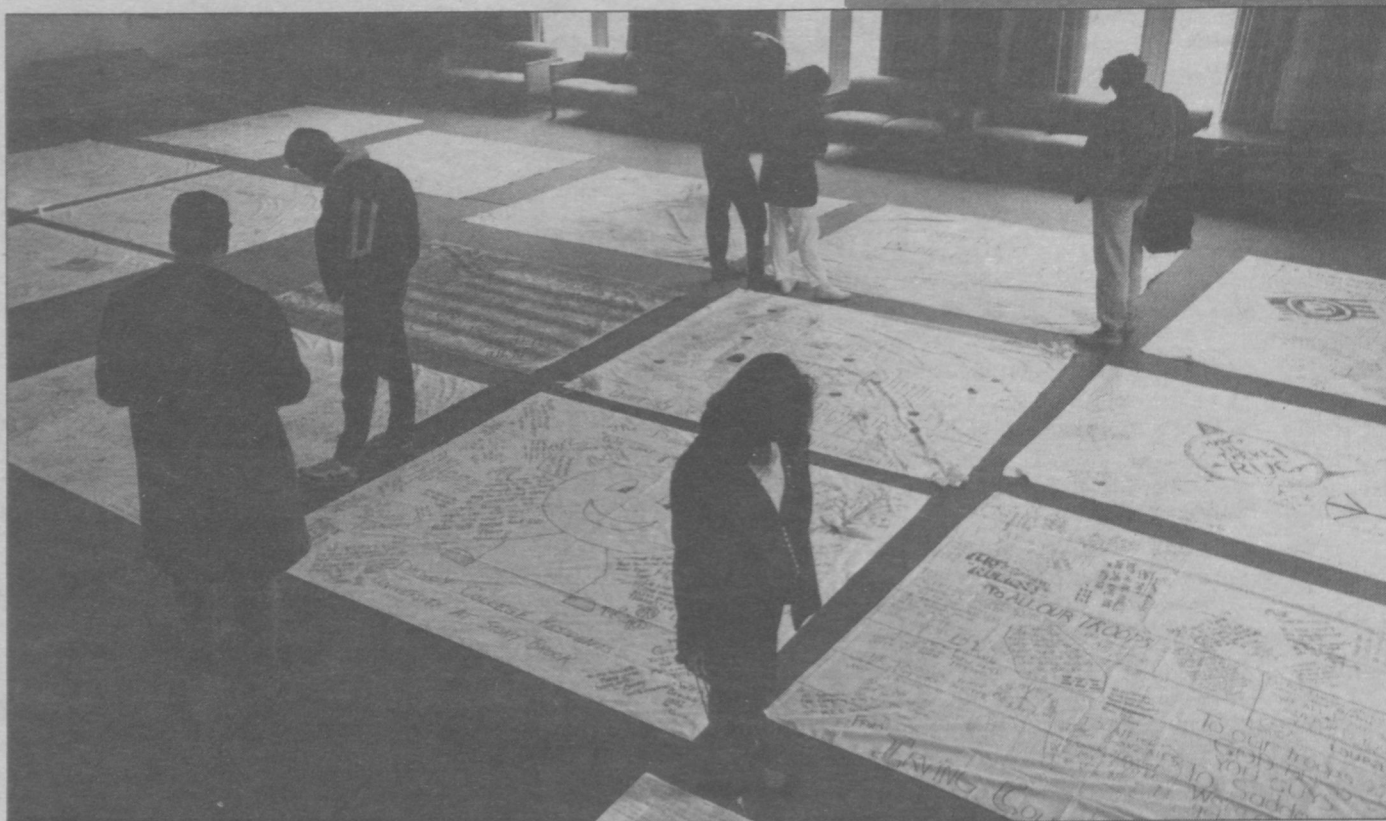
At the Roth Regatta in April, Christine Baker of *Invincible II* tested the waters.



President John H. Marburger spoke with the Dalai Lama of Tibet when he visited Stony Brook in September and received an honorary doctor of humane letters degree.



The men's basketball team tallied another successful season and advanced to the second round of the NCAA Division III Tournament.



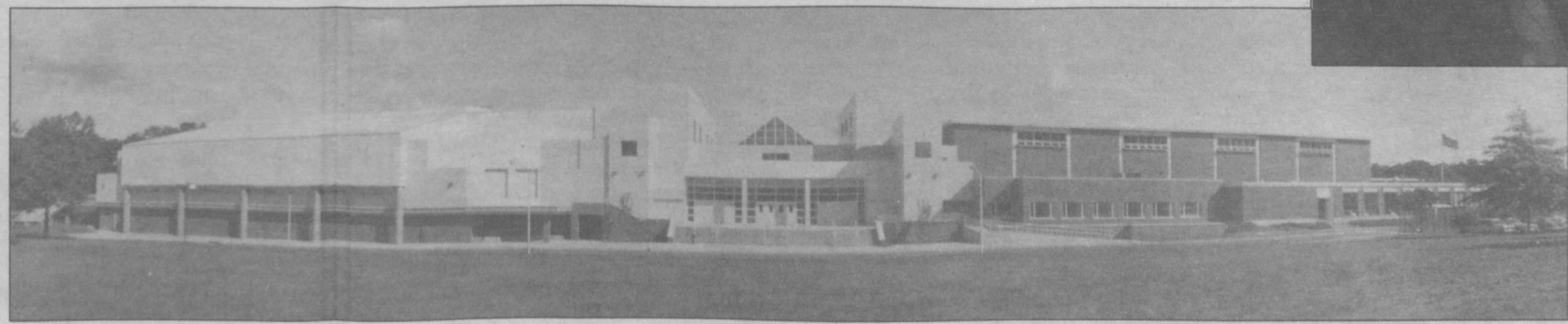
Students responded to the Persian Gulf War in February by sending bedsheet greetings to the Desert Storm forces.



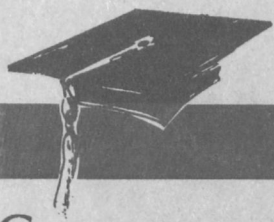
Robert Liebermann, Donald Lindsley, John Parise, Hanna Nekvasil, Donald J. Weidner and Tibor Gasparik were in the group selected by the National Science Foundation for a Science and Technology Center for High Pressure Research at Stony Brook.



A scene from the Asolo Theatre Company's 1991 tour of "Master Harold"... and the boys.



The Indoor Sports Complex was officially dedicated on October 11, 1990, inaugurating a new era for athletics at Stony Brook.



Commencement Address
May 19, 1991

The Lessons
of AIDS

Continued from page 1

by 1985, a blood test for antibody to HIV had made it possible to identify infected individuals. That same year, through the use of this test in the screening of various population groups, federal health authorities could estimate that between 3/4 of a million to 1 million people in this country had already become infected, as had some 5 million people in the rest of the world. This, may I remind you, was one full year *before* our Surgeon General issued his first information pamphlet on AIDS and two full years before our then President ever uttered the word "AIDS" in public for the first and last time.

Shortly thereafter, HIV infection became understood to be a progressive and ultimately deadly infection. Slowly, but relentlessly, it causes HIV disease by undermining the natural immune defense system and damaging other vital systems. And, when people with advanced HIV disease develop secondary infectious or malignant complications, they are diagnosed as having AIDS, which is the dramatically visible and terminal manifestation of their condition.

The gravity of the epidemic of HIV infection is clearly unique. It will *not* be self-limiting and it will be contained only when its *medical* control becomes possible through effective treatments for the infected, and a vaccine for the protection of the uninfected.

As of today, in the United States, the HIV-infected pool stands at anywhere between 1 and 2 million people; 171,000 cases of AIDS have been reported, of which some 110,000 have resulted in death. The World Health Organization now estimates that some 12 million people are infected worldwide, and it has predicted that 40 million people will be infected by the Year 2000, almost half of whom will be women and children. All those infected will, in time, develop HIV disease and AIDS.

In the 1990s, we will see a progressive change in the pattern of spread of HIV infection and AIDS in western countries. In the United States, there is already a faster rise in AIDS incidence among women and infants than among men, as well as a faster spread of HIV among the poor, among minority groups, among rural and small town inhabitants, than among urban middle class people.

While the spread of HIV has virtually been arrested in the gay community by the intensive educational efforts of self-help organizations, it has clearly not been arrested among men who transmit the virus to women.

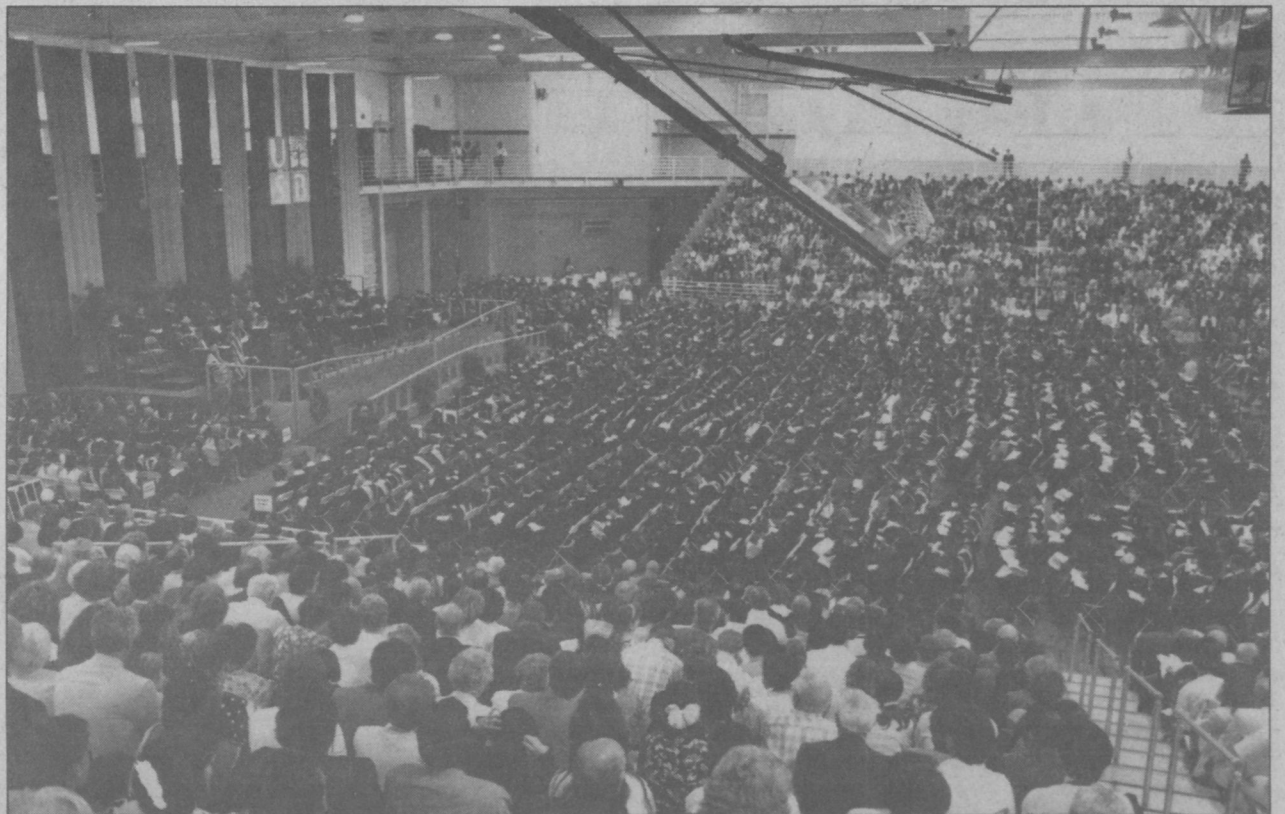
Women everywhere remain largely unaware of the risk HIV infection poses to themselves. Their "second class citizen" status in many cultures puts them, in fact, at *high risk* of HIV infection because even if they want to protect themselves and know how to do so, they are afforded little control over sexual practices that are traditionally dictated by men.

What are the lessons to be learned from a worldwide crisis of such dimensions?

First of all, AIDS is giving us a lesson in humility. It teaches us that the relentless evolutionary forces at play in nature continue to create new forms of life — such as new strains of viruses — and that for all mankind's arrogance and destructive powers, we are not yet the masters of the universe, nor even necessarily nature's most favored creatures. We are very lucky that HIV appeared in the world in our time, when the biological sciences are advanced enough to confront it.

So, another lesson the epidemic of AIDS teaches us is that we ought to make sure that biomedical research remains vigorous and supported to an extent commensurate with the enormous responsibility it carries for the protection of human life.

AIDS also teaches us, all over again, the high price there is to be paid for prejudice, irrationality and callousness. Many, many thousands of people have died of AIDS in this country, because so few showed concern when it was still largely confined to certain urban communities. Because gay communities were not given the means to institute rapidly preventive education for their people, and because we did not reach out to drug addicts, several years were lost during which the virus could, and did, further spread



"I have seen innumerable men and women who, in the face of terrible adversity, have shown an enormous capacity for love, selflessness, courage, endurance and dignity."

— Mathilde Krim

unchecked and reach every one of our states and communities as it has today.

AIDS is also vividly and painfully revealing deficiencies and inequities in our health care delivery system and in the ways in which we finance it. AIDS has exposed the fact that it is not a system at all but a patchwork of disconnected institutions through which many needed services are usually not available to most people, and certainly not available to poor people. AIDS will soon compel fundamental reforms that will make medical care more accessible, more equitable and more cost-effective.

From our flawed and slow national response to AIDS, we also ought to learn that in a democracy, the government rarely *leads*. It must be the people, *we* the people and voters, who must lead and make the government act through the legislative and appropriations processes that make things happen. So, AIDS teaches us that we must never let our innate sense of what is fair and just be dulled, that we must participate in the political process, and that, when necessary, we must exercise our right and civic responsibility to express indignation, to protest and even to engage in civil disobedience. That gets attention, as we know, when all else fails.

And, one more thing: because AIDS makes us suffer and grieve for those we have lost, it is teaching us to value life. It teaches us that every day and every moment are precious and that we must learn to make them count for ourselves and others. Please remember this most important lesson and, as you, the graduates, go forth into the world, make sure that you enjoy your life, the love, the friendships, the work and the beauties that the world offers you.

I have not become desperate in dealing with the realities of AIDS every day of my life. Quite the contrary: I

have acquired not only many dear and true friends, but confidence in humanity because I have seen innumerable men and women who, in the face of terrible adversity, have shown an enormous capacity for love, selflessness, courage, endurance and dignity.

I have also seen, day after day, scientists, physicians, nurses and social workers stand firm at their stations, and I continue to see floods of volunteers eager to help.

Furthermore, as I have followed for the last eight years the work of the scientists who strive to find solutions to the calamity of AIDS, I have, in addition, acquired solid confidence in the power of the modern biological sciences. I now firmly believe that research will find the therapies that will make HIV disease on that is chronic but medically controllable and that it will provide the vaccine that will protect people from HIV infection.

And AIDS research itself — as much as intensified cancer research did in the 70s and 80s — will open vast new frontiers for a better understanding and control of many diseases other than AIDS that still are, today, equally incurable.

So, if we all understand the lessons taught us by AIDS, we *can* not only rid the world of AIDS but also make it, in many other respects as well, a much safer and better place. Then, although the precious young lives lost to AIDS cannot be reclaimed, the pain and suffering wrought on mankind by AIDS will, at least, not have been in vain.

My greatest hope for you, the members of the graduating class, is that you will face the challenges of the world you enter with confidence in yourselves and in the knowledge this great university has imparted to you. You will have to meet responsibilities and shoulder many burdens but you will live and work in a world that is at long last free of atomic terror, one in which extraordinarily improved communications have nurtured democratic aspirations everywhere, and one in which astounding technological and scientific advances offer unprecedented opportunities for the global enhancement of the quality of human life and the safeguarding of our beautiful planet.

You can leave behind the silly arrogance and parochialism of previous decades and you can legitimately, and realistically, aspire to seeing terrible diseases — such as AIDS and cancer — vanquished, population growth brought under voluntary control, tyrannies melt away, and new institutions built, (or old ones reformed), so that they will serve, justly and compassionately, all who need them. Your education has qualified you as active participants in bringing about these changes. You are among the first generation that *can* give flesh to the spirit of human solidarity at the global level.

I just hope you will want to be among the architects of a much better world and I wish you a future rich in joy and gratification.

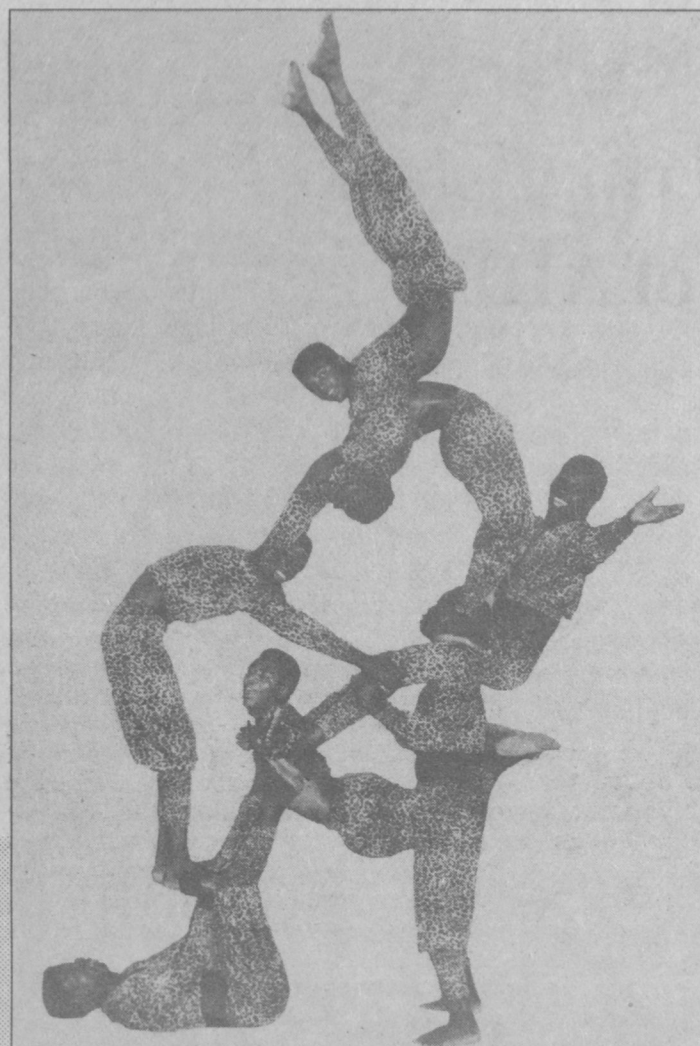
Thank you.

Sixth Annual INTERNATIONAL THEATRE FESTIVAL

Rough Magic Theatre Company of Ireland presents *I Can't Get Started*, a mystery-comedy about writers Dashiell Hammet and Lillian Hellman.



Short Circuit Theatre Company of Argentina presents *The Provocation of Shakespeare*, an outrageous parody of *Hamlet*.



The Mapapa Acrobats of Kenya will perform with the Mandingo benga-band in a spectacular, fast-paced show.

At the Staller Center for the Arts

June 14-16	<i>The Flying Karamazov Brothers</i>
June 19-23	<i>The Real World</i>
June 26-30	<i>Tverboul</i>
July 3-7	<i>Mapapa Acrobats with Mandingo</i>
July 10-14	<i>I Can't Get Started</i>
July 17-21	<i>The Provocation of Shakespeare</i>
July 24-28	<i>As You Like It</i>

For tickets and information, call the Staller Center Box Office, 632-7230 or Ticket Master, 888-9000.

Theatre Arts Department Launches New Summer Program

Summer repertory performances and courses for children in dance, acting and auditioning techniques are among this season's innovations.

The Theatre Arts Department is launching a new, three-part summer program for middle school, high school and college students this season. High school students will engage in undergraduate coursework and assist with repertory productions, and middle school students will be able to take workshops in composition and choreography, performing techniques and "behind-the-scenes" media skills. University theatre arts students will rehearse and perform two "summer stock" productions.

In an attempt to "forge closer connections with the community's high schools," Farley P. Richmond, professor and chair of theatre arts, has helped to design a program which invites high school students to enroll in THR 101, an undergraduate course in "Understanding Theatre," to be taught by assistant professor of theatre arts John Lutterbie. This course will provide an overview of performance design and production in the theatre through text study, lectures, demonstrations and a close examination of the rehearsal process. They will also have the chance to speak with professionals working in the theatre on topics such as stage management, technical production and direction.

High school students enrolled in THR 101 will work with undergraduate and graduate students in the new Summer Repertory Theatre Program to be implemented by Stony Brook's Theatre Arts department, as a means of "providing the students with summer stock experience,"

says Richmond. Featured shows will include Christopher Durang's black comedy, *Baby With the Bathwater*, directed by Lutterbie, and A.R. Gurney's domestic comedy, *The Dining Room*, directed by assistant professor Loyce Arthur. These will first be presented on alternating weeks, and later on alternating days, in true repertory fashion.

Younger students interested in theatre may sign up for the Performance Workshop Summer Camp '91. Available to students ages 12 through 16, the summer camp will offer three separate workshop sessions.

Session A, "Dance: Compositions and Choreography," July 8-July 19, will teach participants basic dance movements, how to shape creative dance compositions using music and poetry, and to choreograph dance works focusing on skills, space and composition structure. Marguerite Camille Spurduto, a choreographer, dancer and M.A. candidate, whose dance composition study of 18 years includes work at the Martha Graham Dance Academy, Phil Black Dance Studio and the Seiskaya Ballet Academy, is the primary coordinator of Session A.

Session B, "Creative Dramatics," July 22-August 2, will explore performance techniques such as acting, singing, dancing, movement, lip-synching and dramatic interpretation of literature. Leonard Pinna, who received his MFA in Dramaturgy in May from Stony Brook, is the primary coordinator of Session B. Pinna, an actor, director, playwright and dramaturg whose pantomime/dance performances have won top awards for five consecutive years in regional competition, recently returned from the Cleveland Playhouse where he worked on productions with actress Marlo Thomas and Broadway playwright William Luce. In addition to his numerous stage roles, he has appeared on the ABC daytime drama, *Loving*.

Participants in session C, "On and Off Camera," August 5-August 16, will develop techniques useful for auditions, commercials, music videos, resume preparation and theatrical makeup for still and moving cameras. They will also work on vocal and physical skills useful in everyday situations. Nance Daniels Maiorino, whose professional experience includes acting on stage and camera, modeling, make-up artistry, and conducting acting workshops for amateurs and professionals of all ages, is the primary coordinator of Session C. Maiorino, who currently teaches Public Speaking at Stony Brook, is a candidate for an M.A. in Theatre Arts at the university.

Each session will culminate in a public performance by the participants, the day after completion of the course.

All three camp sessions will meet from Monday through Friday, 9:00 a.m. to 4:00 p.m. Tuition for any two-week session of the Performance Workshop Summer Camp is \$490; any two sessions, \$890; and all three sessions, \$1290. A ten percent discount is available to siblings of USB students and children of USB employees. For further information on the summer camp program, contact Nance Daniels Maiorino at 516-632-7277, or the Theatre Arts Department at 516-632-7300.

THR 101, "Understanding Theatre," will be offered during Term One of the Summer Session, which runs from Monday, June 3 through Wednesday, July 9. Classes will meet on Mondays and Wednesdays from 4:00 p.m. to 7:40 p.m.

For more information concerning the course and/or the Repertory Theatre Program, contact department chair Farley P. Richmond at 632-7285, or the Theatre Arts Department at 632-7300.

Staller Center Welcomes Long Island Philharmonic

The Long Island Philharmonic Orchestra will open its 1991-92 season at Stony Brook's Staller Center for the Arts on Saturday, September 21.

"This is a great opportunity for us," said George H. Georges, senior vice president at National Westminster Bank, USA, and chairman of the board of the 13-year-old orchestra. He added, "The superior performance space at the Staller Center provides the ideal setting for the caliber of musicians who make up our professional orchestra."

Staller Center director Terry Netter said, "We are delighted to be able to host the Suffolk County subscription series of the Long Island Philharmonic."

The Long Island Philharmonic Orchestra, under the direction of conductor Marin Alsop, will continue to perform at the Tilles Center for the Performing Arts in Greenvale.

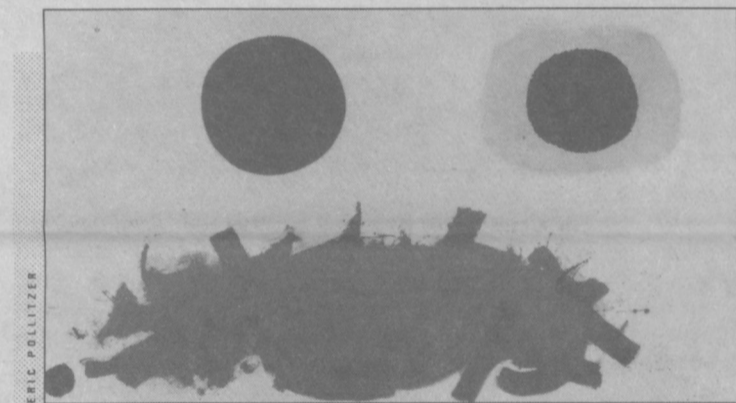
The September 21 concert will feature Beethoven's Fifth Symphony and Prokofiev's Violin Concerto Number 2 in G minor, with Joshua Bell, solo violinist. Lees' Passacaglia will also be on the program. Additional concerts in the series will be held on March 28 and May 16.

For subscription and program information, call 516-293-2223.



Staller Center for the Arts director Terry Netter, left, with George Georges and Long Island Philharmonic Orchestra Conductor Marin Alsop.

University Art Gallery Exhibits Works by Adolph Gottlieb



Ochre and Black, 1962, by Adolph Gottlieb.

Six large-scale paintings and 38 monotypes by Abstract Expressionist Adolph Gottlieb will be on view at the University Art Gallery in the Staller Center for the Arts from June 12 through August 15. The exhibition features paintings and works on paper completed between 1954 and 1973.

Gottlieb's career spanned from 1921 to his death in 1974. One of the original Abstract Expressionists, he is best known for his *Pictograph* and *Burst* series of paintings. His work is included in the collections of virtually every major museum in the United States and around the world.

Paralyzed by a stroke in 1970, Gottlieb defied his physical limitations by creating some of the most ambitious paintings of his career. His life-long method of working directly on the canvas was no longer possible, so he preconceived and executed each painting

with the help of assistants.

In the last year of his life, he produced more than 50 monotypes. Gottlieb's mastery of color and paint, and his cool, intelligent study of the impact of subtle manipulations of visual information on the mind and the senses are summed up in this extraordinary series of works.

The exhibition of large-scale paintings was organized for Stony Brook by guest curator Stephen Polcari, New York director of the Smithsonian Institution's Archives of American Art, with the cooperation of the Adolph and Esther Gottlieb Foundation, Inc. The exhibition of monotypes was organized by Sanford Hirsch, director of the Adolph and Esther Gottlieb Foundation, Inc. That show will travel to university galleries through December 1992.

The University Art Gallery is open Tuesday through Saturday, noon to 4:00 p.m. and for one hour before International Theatre Festival evening performances.

For more information, call 632-7240.

Summer Courses at the Union Crafts Center

The Union Crafts Center, located in the Stony Brook Student Union, offers a variety of hobby and craft courses and workshops including scuba diving, figure drawing, watercolor painting, pottery, floor loom weaving, inkle weaving, clay sculpture, bartending, photography, quilting and silkscreen printing as well as a number of courses for children. Preregistration is necessary except where indicated. For information call 632-6822 or 632-6828. The following courses are available this summer:

Scuba Diving NAUI Open Water I. Successful completion of all NAUI requirements will entitle students to the NAUI open water certification card. Fee includes all equipment and book. \$275. The first session is June 25. 6:00-9:00 p.m., SB Gymnasium.

Figure Drawing Workshop. Non-instructional drawing from live model. No preregistration necessary. \$4 per session, payable at the door. First session June 21. 7:30-9:30 p.m., Crafts Center.

Watercolor Painting-Beginners. Focus on the use of tools, paper, color, washes, values and composition. Material list upon enrollment. \$85; \$70 for USB students. First session June 20, 7:00-9:30 p.m., 4222 Staller Center.

Watercolor Painting-Intermediate and Advanced. Focus on different watercolor methods. Study of composition from realism to abstraction. \$85; \$70 for USB students. First session is June 18, 7:00-9:30 p.m., 4222 Staller Center.

Pottery Making I. A foundation in the methods of throwing on the potter's wheel. Fee includes clay, tools,

firing and membership. \$90; \$70 for USB students. Section A begins June 24; Section B begins June 26. 6:30-8:30 p.m., Crafts Center.

Pottery Making II. Previous wheel experience required. Focus on improving technique with special attention to individual needs. Fee includes clay, firing and membership. \$90; \$70 for USB students. Section A begins June 27. 6:30-8:30 p.m., Crafts Center.

Floor Loom Weaving I. Learn to warp and dress a four harness floor loom. Complete a basic sampler using a variety of yarns, colors and patterns. \$10 materials fee. Fee includes membership. \$75; \$60 for USB students. Section A begins June 25. 6:30-9:00 p.m., Fiber Studio.

Inkle Weaving. Explore different patterns and designs of belt weaving. \$10 materials fee. Fee includes use of portable loom. \$45; \$35 for USB students. First session is June 26. 7:00-9:00 p.m., Fiber Studio.

Clay Sculpture. A survey workshop exploring a variety of techniques in making clay sculpture. Clay, glazes and membership included. \$90; \$70 for USB students. First session June 25. 6:30-8:30 p.m., Crafts Center.

Bartending. An introduction to mixed drinks and liquors as well as bar management. Certificate available. \$75; \$60 for USB students. Section A begins June 25; Section B begins June 26. 7:00-9:00 p.m., Fiber Studio.

Basic Photography. Camera and darkroom fundamentals. Developing and printing techniques. Must provide camera. Fee includes tools, equipment, chemicals, waste disposal



fees and membership. \$88; \$75 for USB students. Section A begins June 25; Section B begins June 26;

Section C begins June 27. 6:30-8:30 p.m., Photo Lab.

Introduction to Quilting. Basics of patchwork. Create a small wall hanging. \$60; \$50 for USB students. First session June 27. 6:30-8:30 p.m., Fiber Studio.

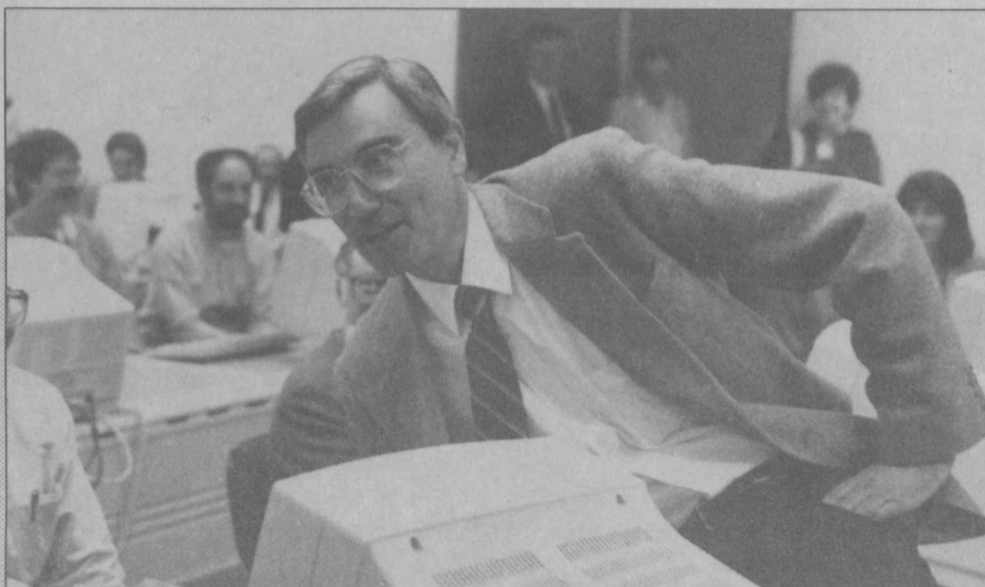
Silkscreen Printing. Basic silkscreen methods. \$10 materials fee. Fee includes screens, inks and practice paper. \$75; \$60 for USB students. First session June 27. 6:30-8:30 p.m., Fiber Studio.

Children's Workshop, Mixed Media. Focuses on painting, drawing, collage and printing for children ages five to seven. Materials included. \$50. First session July 2. 10:00 a.m.-noon, Crafts Center.

Children's Workshop, Clay. Focuses on various methods of hand-building, clay glazes and firing for children ages six to eight. Materials included. \$55. First session July 1. 10:00 a.m.-noon, Crafts Center.

Children's Workshop, Pottery. Focuses on a variety of projects, using the potter's wheel and hand-building techniques, glazing and firing for children ages nine to 12. Materials included. \$60. First session July 8. 10:00 a.m.-noon, Crafts Center.

Children's Workshop, Art. A survey of various art media including 3D projects, papermaking, drawing and painting for children ages eight to 11. All materials are included. \$55. First session July 2. 10:00 a.m.-noon, Crafts Center.



At the dedication of the Social and Behavioral Sciences networked computer classroom, Dean Andrew Policano explains how students and faculty will use the facility for interactive learning.

His Day in Court

Choichiro Yatani, lecturer and psychology doctoral candidate who sued in Federal Court last month to have his name removed from the government's list of suspect aliens, will first have to look to the government — and not the court — for relief, according to the judge who heard the case.

Yatani's suit, the first of its kind, stems from an incident that occurred six years ago, when he returned to Kennedy Airport from a conference in Amsterdam. Customs officials found his name on the computerized "Lookout List" maintained by the State Department under the McCarran-Walter Act of 1952. They detained Yatani, who is Japanese, and after some legal wrangling and extensive media attention, released him after 44 days.

"They never told me why my name was on the list," says Yatani. He filed a Freedom of Information Act request to find out why he was suspect, and a judge, reading his file *in camera*, said he found nothing to implicate Yatani.

Yatani will abide by the judge's decision and seek to have his name removed under a new law that went into effect June 1. The law, passed by Congress last year, prohibits the exclusion of aliens based on beliefs, statements or associations protected under the Constitution.

Yatani, who says he's afraid to leave the country lest he be detained again, is anxious to visit his relatives in Japan and put finishing touches on a book to be published there. Yatani's attorney estimates the new legal process will take up to three weeks to complete. If not, Yatani says, he'll be back in court.

Student Ambassadors Named for 1991-92

Nineteen students have been selected to serve as Student Ambassadors for the 1991-92 academic year.

They are:

Lorelei Apel, senior, English major; Keith Babich, junior, psychology major; Charlotte Blanc, junior, chemistry major; Dana Carasig, senior, biology major; Patricia Carson, senior, sociology major; Barbara Cohen, junior, geology major; Maxine Douglas, senior, political science/philosophy; George Liakeas, junior, biology/sociology major; Elena Miliarsis, sophomore, political science major; Lee Montes, senior, biology/music major.

Also Patricia McGuire, senior, English major; William Nagle, senior, computer science major; William Piervincenzi, senior, philosophy major; Veronica Rodriguez, sophomore, English/biology major; Michelle Smith, sophomore, computer science major; Sean Smith, senior, computer science major.

Also Steven Spiegel, sophomore, biochemistry/math major; Diana Vaca, junior, economics/business major; Scott Van Hatten, senior, economics/business major.

Student Ambassadors are Stony Brook's "best and brightest" undergraduates. They act as escorts to VIP visitors to campus, assist with special programs and represent the undergraduate student body at campus events.

During the 1990-91 year, the first crop of Student Ambassadors assisted at the official proceedings when the Dalai Lama of Tibet spoke in September and was awarded an honorary degree. They helped with the Alumni Association's Recession Workshop and the Admissions Office's Accepted Student Seminars. They played a part in the dedication of the Indoor Sports Complex, the dedication of the High Technology Incubator site, the graduate

housing ribbon cutting, the ceremony that inaugurated STARS (a computerized library system), and the Faculty Staff Excellence Awards. They assisted at the Stony Brook Council Dinner and the Stony Brook Foundation Day events.

USB Designated Army Research Center

The U.S. Army Research Office has named Stony Brook as the lead institution of a new center for excellence in mathematics research.

The Department of Applied Mathematics and Statistics will receive \$400,000 per year for the next five years, to be shared with Cornell University, Los Alamos National Laboratory, and York College (part of the City University of New York system). The center, to be known as the "Center for Excellence in the Mathematics of Nonlinear Systems," will be based at Stony Brook.

The Stony Brook center is one of three national mathematics institutes funded by the Army; the other two are at Cornell (established three years ago) and Carnegie-Mellon universities. The Stony Brook and Carnegie-Mellon centers were created this year after a nationwide competition among 12 academic institutions.

Center personnel will conduct research on the mathematics of nonlinear systems, such as shock waves. The funding will also be used to expand undergraduate math education for underrepresented groups.

James Glimm, chairman of applied mathematics and statistics, will direct the new center.

Library Shares Major Grant

The Frank Melville, Jr. Memorial Library has received a \$100,000 grant to develop cooperative programs with the libraries at SUNY Binghamton, Albany and Buffalo.

The two-year grant was awarded by the Council on Library Resources (CLR), a private foundation that supports academic research libraries. It will be shared among the four SUNY centers.

The libraries will use the funding to develop common solutions to problems — such as sharply rising book prices and the rapid increase of scholarly information — affecting research libraries across the country. The four centers will also collaborate on strategies for coping with tight budgets, including sharing current and future resources.

A series of meetings for faculty, staff and students will be held on each campus to discuss library user issues. Representatives from each of the four campuses will then participate in a joint seminar, to be held sometime during the next academic year.

Other recipients of CLR grants this year were Harvard University, Columbia University and the "Research Triangle" libraries of North Carolina (Duke, University of North Carolina and North Carolina State). CLR grants to three additional institutions are expected to be announced within the next several weeks.

The grant was the latest in a series of efforts by the SUNY center libraries to increase efficiency and service. The libraries were awarded a joint \$176,000 U.S. Department of Education grant in 1988, to study the use of telefacsimile and scanning to access shared research materials. In 1990, the libraries contracted with NOTIS systems, a vendor of library software technology, to link computerized catalogs at the Binghamton, Buffalo and Stony Brook campuses.

Three Win Catacosinos Research Awards

Research in artificial intelligence, cancer prevention and uterine tumors at Stony Brook have received funding from the 1990-91 Catacosinos endowment.

The three recipients are:

- Janet Anderson, assistant professor of obstetrics and gynecology, who received an \$8,000 Young Investigator Award to study the molecular basis of uterine tumors commonly called fibroids. About 30 percent of women over 30 develop fibroids, which can cause pain, abnormal uterine bleeding, decreased fertility, complications in pregnancy, abortion and postpartum hemorrhaging.

Some researchers believe these benign tumors may become cancerous, but no one knows for sure. Little is known about the cause or molecular basis of the tumors. Fibroids are dependent on estrogen in order to grow, just like some breast tumors. Dr. Anderson says that understanding the molecular basis of fibroids may also offer clues to the causes of some types of breast cancer.

- Stanley Fields, assistant professor of microbiology, who also received an \$8,000 Young Investigator Award, has developed a yeast system to detect interactions between proteins. Fields hopes to use the system to detect new proteins involved in cancer. Using the system, he and colleagues already have discovered that p53, the most frequently mutated gene in tumors, may be involved in "turning on" other genes to prevent cancer.

Dr. Fields has been on the faculty since 1985.

- John Rose, a Ph.D. student in the Computer Science Department, was awarded a \$4,500 Catacosinos Fellowship for Excellence in Computer Science to study machine learning, part of artificial intelligence.

"The basic idea is that rather than telling computers what to do, you would like them to learn what to do, much the way children do," he says. Rose hopes his research can be used to speed up the time it takes to develop large knowledge bases.

The Catacosinos Research Awards were established in 1978 by Dr. William Catacosinos to advance cancer research at the university. Catacosinos is chairman of the board of the Long Island Lighting Company and former board member of the Stony Brook Foundation, the fundraising arm of the university.

Math Department Given Computers

A total of \$260,000 worth of computer equipment has been awarded to the Department of Mathematics under a grant from Sun Microsystems of Mountainview, CA.

The equipment consists of 20 SPARCstation computer workstations, a network server, disk drives and printers, as well as extensive software, including various compilers and Sun high performance graphics.

The computers, to be set up in a classroom in the mathematics building, will be used for individual research as well as undergraduate and graduate courses, according to mathematics professor David Ebin, author of the grant proposal. Current courses targeted for the new computer room are offered by the departments of mathematics and applied mathematics and statistics. They include undergraduate and graduate classes in computer-assisted mathematical problem solving as well as courses requiring sophisticated numerical analysis.

The new computers will be used to upgrade the department's current PC Stony Brook Instructional Network Computer (SINC) site.

"The scientific computer user must be adept at working with machines more advanced than PCs," Ebin noted. "By using the new Sun computers, our graduates will be prepared to work on the sophisticated machines available in the workplace today."

The computers received under the grant are based on the RISC (Reduced Instruction Set Computing) system, a relatively new design with rapid computing power which is now the superior design for scientific workstations.

The new machines will be able to use a selection of sophisticated software, including the programming languages, C, PASCAL, Fortran and True BASIC, as well as symbolic manipulation programs such as Maple, MACSYMA and Mathematica. They will also be connected to the university fiber optical network so that they also can be used for communication.

Faculty members will use the new software to enhance their own development of instructional software, which in turn may be used by colleges and universities across the country.

Sunwood Opens Its Gates for the Summer Season



The gates of Sunwood

Faculty Members Awarded Sloan Grants

Three Stony Brook faculty members are among 89 university faculty members nationwide — out of a field of 500 nominations — to win the Sloan Research Fellowship awards.

The Stony Brook recipients are Jainendra Jain, professor of physics; Mikhail Lyubich, associate professor of mathematics; and Gang Tian, associate professor of mathematics.

The fellowships, two-year grants of \$30,000 each, are awarded annually to young scholars engaged in research at the frontiers of physics, chemistry, mathematics, neuroscience and economics.

This year, Stony Brook is the only institution of higher learning on Long Island to have Sloan Research Fellowship winners. Other New York State winners are Columbia University, Cornell University, New York University and SUNY Buffalo.

"The Sloan award is one of the highest honors that a young scientist in this country can receive," commented Department of Mathematics chairperson H. Blaine Lawson, Jr. "These men are the finest mathematicians in the world, and we are fortunate to have them on our faculty." Department of Physics chairperson Gene D. Sprouse termed the award "a great honor for Professor Jain, the physics department and the university, not only because he is a professor here, but also because he received his doctorate from Stony Brook."

Now in its 36th year, the Sloan Research Fellowship Program has granted nearly \$58 million for support of over 2,600 researchers. A total of 16 former Sloan Fellows have received Nobel prizes, and hundreds have received other prestigious awards and honors.

Candidates for the award are nominated by department chairpersons and other senior scholars familiar with their work; selection is based on a nominee's potential to contribute to the advancement of knowledge. Once chosen, Sloan Fellows are free to pursue any topic of interest to them.

University Wins Four of Sixteen State Science and Technology Grants

Four of 16 grants awarded this year from the New York State Science and Technology Foundation have been given to Stony Brook researchers.

The grants are intended to encourage collaboration between universities (or not-for-profit laboratories) and industry. Research projects are selected for their potential to benefit the state's economy by creating jobs, boosting sales revenues or establishing new product markets.

The Science and Technology Foundation, a state agency governed by the New York State Department of Economic

Birds call in the high trees. Rhododendron bushes, covered with buds that will open mid-July, tower 20 feet above the shaded paths. Brick walks and steps link terraced lawns, edged with flower beds. The air is rich with the scent of woods and salt water. At the foot of a gentle hill, Long Island Sound stretches out to a hazy horizon, gentle waves lapping over the flat pastel rocks.

This is Sunwood, once the private Old Field estate of Frank and Jennie Melville. The stately home they built in 1919 was given to the university by Ward and Dorothy Melville in 1958. Fire destroyed the building in 1986, but 27 acres of garden, lawn, woods and beach remain.

The Sunwood Beach and Gardens Group, cochaired by Carol Marburger and Ben Walcott, associate provost, is an informal organization of people from the university community who want to walk in the gardens, swim at the beach and maintain the property. Between Memorial Day and Labor Day, the grounds are open only to members and, sometimes, to groups from the university who make reservations for special occasions.

New this year is the return of indoor plumbing to the property. After the fire, nothing but rubble was left. Debris from the main structure has been removed and the original garage, with a new roof, has been fitted with bathrooms. Two picnic tables with benches are in place on one lawn and fresh water is available by hose.

Also new are a daylily bed, a perennial bed around the courtyard goldfish pond and a shaded patch of ferns and hostas. The Sunwood Beach and Gardens Group has hopes for a covered picnic area that would serve as a performance space for live music. After that, the reflecting pool will get its share of attention, and someday, perhaps, a wooden deck will be built at the beach.

Membership is \$35 per family (\$10 for graduate students). Fees cover the cost of operating the property. University departments, units and recognized support groups may apply to use Sunwood for events that directly relate to their campus function. University employees may also reserve Sunwood for personal gatherings. Fees and restrictions are available by calling Laurie Theobalt in the Office of the Provost, 632-7000.

Development, has awarded the grants annually since 1980. This year there were 300 preliminary proposals, narrowed down to 55 finalists for the 16 grants given. Each recipient is required to have a "collaborating firm," a company that donates expertise or equipment to the project in the hope that it will reap economic benefits from the research.

The four projects supported are:

- A hardware/software interface for desktop computers that allows the user to issue commands using only their eyes. The technology is based on a technique called electro-oculography, an electrical measurement of eye position used by doctors. A \$40,000 grant to professor of computer science Arie Kaufman and assistant professor of computer science Amit Bandopadhyay; collaborating firm is ACDA of Setauket.

- A way to see objects in "3-D" without the use of special glasses or other devices. Could be applied to any use of three-dimensional graphics—video games, geologists using aerial photos to search for oil, life sciences imaging, etc. A \$40,000 grant to assistant professor of computer science Steven Skiena and Kaufman; collaborating firm is Dimension Technology of Rochester.

- A new "bar code" label that holds more information than those currently used and is easier and faster for computers to read. Could be used to assist companies in shipping and inventory. A \$40,000 grant to Steven Skiena; collaborating firm is Symbol Technology of Hauppauge.

- A new logic programming language that enables faster retrieval from commercial data bases and makes artificial intelligence programming easier and more efficient; new techniques to make implementation of programming languages more efficient. A \$37,700 grant to professor of computer science David Warren, associate professor of computer science I.V. Ramakrishnan and associate professor Michael Kifer; collaborating firm is Applied Logic Systems of Syracuse.

Supercomputer Comes to Stony Brook

A supercomputer that can perform one-and-a-half billion operations per second was installed in the Mathematics building on June 1. The computer, manufactured by the Intel Corporation, is the most powerful in the Northeast in terms of memory and computational speed, according to Intel.

The computer, known as a Hypercube, will be used by the Department of Applied Mathematics and Statistics, its Department of Computer Science, and Brookhaven National Laboratory. Funding to purchase the \$1 million machine was provided by Intel, the National Science Foundation, the U.S. Army Research Office, the U.S. Department of Energy, and the State University of New York.

The new computer is one of a family of computers known as "parallel computers"; they perform many subcalculations simultaneously before integrating the information to produce an overall computation.

"Parallel computers mimic the architecture of the brain," said James Glimm, chair of applied mathematics and statistics. "They promise to revolutionize scientific computing by dramatically increasing computational speed, but they are more difficult to use than conventional computers — you need to get all the processors to coordinate and talk to each other at the proper times, and exchange information efficiently. We are only just beginning to understand their suitability for large, complex problems."

The computer will be used at Stony Brook for a number of scientific investigations, including oil reservoir simulation, environmental studies of groundwater transport and human genome studies.

Similar computers are in operation at the Massachusetts Institute of Technology, Princeton University and Yale University, but Stony Brook's will be more powerful, said applied mathematics associate chairperson Alan Tucker.



Left to right are Matty Connaughton, stationary engineer; Roy Geist, refrigeration mechanic; Michael Bahr, stationary engineer; Lou Serrano Perez, maintenance assistant; Mick Broccolo, carpenter; James Fritz, general mechanic; Sidney E. Mitchell, chief operating officer; Harry Snoreck, vice president, campus services; John Davis, plumbing supervisor; Chris Brennan, west campus physical plant director; Charles Reardon, maintenance assistant; and Dennis Colichio, structural supervisor.

Yiddish Book Collection Donated

The Frank Melville, Jr. Memorial Library has received a donation of 1,000 Yiddish books, to be known as the Isadore A. Raff Yiddish Book Collection.

The gift, donated in memory of Isadore Raff by his children, covers a wide range of subjects including fiction, history, poetry, ethnography, social and political theory, Israel, Zionism and Yiddish theatre. It includes works by every major Yiddish author, ranging from classical writers such as Mendele Moykher Sforim and Sholem Aleichem to the modern Yiddish writers Jacob Glatstein, David Bergelson and Isaac Bashevis Singer, winner of the 1978 Nobel Prize in Literature.

The books are available not only to Stony Brook faculty, staff and students, but also to off-campus users through interlibrary loan. Yiddish cataloging information — represented in English characters — is available through the university's recently installed computerized catalog system.

The collection was assembled by the National Yiddish Book Center in Amherst, MA. The center was established in 1980 to rescue and preserve Yiddish books. During the past ten years, the center has created more than 90 Yiddish collections, representing a total of one million books, at educational institutions throughout the world.

Mainly of medieval German origin, but written in Hebrew letters, Yiddish was the principal dialect used by East European Jewry from the 16th to the mid-20th century. Approximately one out of every two Yiddish speakers was killed in the Holocaust.

Said Aaron Lansky, founder and president of the National Yiddish Book Center, "It is only recently that members of a younger generation have resumed the study of Yiddish, seeking their roots and Jewish identity in the literature. If you are going to pursue modern Jewish scholarship, you have to deal with the language that the Jews of Eastern Europe were actually speaking."

Early Retirement Plan

The provostial area early retirement incentive program is still in effect and can provide an alternative to the proposed State early retirement program for eligible employees.

Eligibility is open to employees who are faculty members, librarians or non-teaching professionals in academic departments and in offices reporting to the provost or a vice provost or a dean. Employees must be at least 60 years of age and have at least 10 years of service with the university (may be combined with service at another state campus or a state agency), and may be members of either TIAA/CREF or the State Retirement System. Requests for participation in the early retirement incentive program should be made one calendar year before the individual intends to begin the program. The approval of the provost and the dean or responsible vice provost is required.

Detailed information can be obtained from David Glass, vice provost for research pro tem, at 623-6980, or Alan Entine, acting director of Human Resources, at 632-6140.

Time for Fulbright Study Grants

The United States Information Agency, the Board of Foreign Scholarships and the Institute of International Education seek

applicants for Fulbright Grants for graduate studies and research abroad in academic fields, and for professional training in the creative and performing arts.

Applicants must be U.S. citizens and hold a bachelor's degree by the beginning of the grant. Candidates in medicine must have an M.D. at the time of application. The local deadline for applications is September 16. For information and applications, contact the Office of International Programs, 101 Central Hall, 632-7030.

Statesman Wins Awards

Statesman, one of five student newspapers on the campus of the University at Stony Brook, has received top honors in *Newsday's* recent School Journalism Awards competition. The publication, edited by David Joachim, took first place awards for news writing, sports writing and photography, and second place honors for editorial writing and feature writing.



Flag from Washington

An American flag flown first over the U. S. Capitol in Washington, D.C. now flies at University Hospital at Stony Brook. The flag and the handcrafted flagpole were officially installed at a ceremony in front of the hospital, at the suggestion of employees from the Health Sciences Center Physical Plant. Plant employees who serve in the Armed Forces were Honor Guard at the dedication ceremony.



President François Mitterand of France, left, decorates Felix Rapaport, professor and chair of surgery, with the Order of the Legion of Honor.

Pollock-Krasner House Exhibit

The current exhibition at the Pollock-Krasner House and Study Center is "Alfonso Ossorio: The Victorias Drawings, 1950."

In conjunction with the show, which runs through July 27, there will be a symposium on Saturday, June 29, from 2:00 p.m.-5:00 p.m., "Alfonso Ossorio: In Memoriam/In Retrospect." Speakers will include Paul Cummings, president of the Drawing Society; B.H. Friedman, author; and Judith Wolfe, art historian. To register for the symposium, call 324-4929.

The Pollock-Krasner House and Study Center, 830 Fireplace Road, East Hampton, is a project of the Stony Brook Foundation.

WUSB-FM Interviews Bob Hope

Comedian Bob Hope will be interviewed on the WUSB talk show, "Mike Palmer's Entertainment," Wednesday, June 12, at 2:00 p.m.

Those listening to the program will be eligible to win a free pair of tickets to see Hope in person at the Westbury Music Fair.

WUSB, Long Island's largest non-commercial radio station, is located at 90.1 FM.

Gymnasium Named To Honor Donors

The gymnasium in the East Wing of the Indoor Sports Complex will be officially named the William E. and Maude S. Pritchard Gymnasium to honor the memory of two generous donors to the university. The dedication ceremony will take place Oct. 5, as part of the Stony Brook Foundation Day events.

Over the years, the Pritchards made frequent gifts to the university, and after their deaths in 1982, the Pritchard Trust continued that tradition. The trust has established an endowment for seven undergraduate scholarships and has, on an annual basis, provided funds for athletics, the Marine Sciences Research Center, the Burn Center and more.

Pritchard, a member of the New York Stock Exchange for almost 50 years, was a graduate of Yale University. He was a member of the Stony Brook Foundation, the Button Wood Club of the New York Stock Exchange, the Turf and Field Club and the Navy League of the United States.

Welcome Wagon Volunteers

The Welcome Wagon Program, sponsored by the Division of Campus Residences, seeks faculty, staff members and students to assist new students when they move into the residence halls on Saturday, Aug. 31. Volunteers also accompany new students and their families to the New Student Convocation in the Fine Arts Plaza outside the Staller Center. Those interested in participating should contact Rachel Boatright at 632-6780.

Volunteers Needed For Arthritis Pain Control Study

The School of Allied Health Professions is looking for volunteers for a study on pain control in rheumatoid arthritis patients.

Many of the problems in rheumatoid arthritis stem from inflammation, which causes pain and limited joint motion, with subsequent changes in skeletal tissues, says Clifton Mereday, chair of the Department of Physical Therapy. Studies have shown that magnesium, used in flotation therapy, relaxes muscles, reducing stress on joints.

The study will attempt to determine the role magnesium plays in controlling pain. Magnesium levels will be analyzed by studying blood chemistries on all clients, says Craig Lehmann, chair of the Medical Technology Department.

Five groups of 20 patients will receive various forms of treatment, including relaxation, hydrotherapy and flotation, twice a week for one month, with a follow-up one month later.

Those eligible for the study, co-sponsored by the Sensorium Corp. in East Setauket, must have a confirmed diagnosis of rheumatoid arthritis. For further information, call 689-5772.

SUMMER LIBRARY HOURS

June 3 through August 16

Circulation, Stacks, Reserve, Reference, Commuter Lounge, Government Documents, Microforms, Maps and Current Periodicals

Monday-Thursday, 8:30 a.m. - 8:00 P.M.

Friday, 8:30 a.m. - 5:00 p.m.

Saturday and Sunday, Closed

Science Libraries, Music Library

Monday-Friday, 8:30 a.m. - 5:00 p.m.

Saturday and Sunday, closed

Audio-Visual Library

As posted

Special Collections

By appointment only

August 17 through September 2

All departments

Monday-Friday, 8:30 a.m. - 5:00 p.m.

Saturday and Sunday, closed

All departments will be closed Thursday and Friday, July 4 and 5, and Monday, September 2.

K U D O S

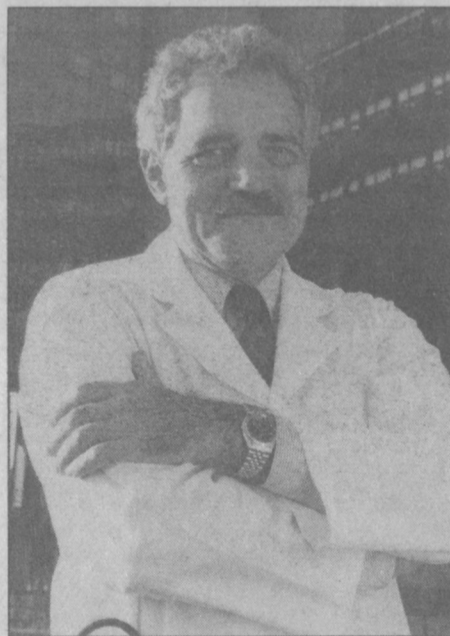


Michele Bogart, associate professor of art, was awarded the third annual Charles C. Eldredge Prize for outstanding recent research in the history of American art for her book, *Public Sculpture and the Civic Ideal in New York City 1890-1930*. The prize was given by the National Museum of American Art, Smithsonian Institution, as part of the American Art Forum's May conference in Chicago.

Felicia Brown, former coordinator of the Mentor Program, was named "Mentor of the Year," at the May 1 Mentor Program annual end-of-the-year celebration.

Robert D. Cess, distinguished service professor of mechanical engineering, is the 1991 recipient of the E.B. Lemon Distinguished Alumni Award from Oregon State University, given by the school's Alumni Association. Cess was graduated from Oregon State in 1955 with a bachelor of science degree in mechanical engineering.

Su-I Chen, doctoral candidate in linguistics, was awarded a fellowship to the Linguistic Society of America Summer Institute in Santa Cruz, California.



Jordan Cohen, dean of the School of Medicine and professor of medicine, has been designated a master of the American College of Physicians, the society's most prestigious membership category. Cohen was one of 15 leading medical educators and investigators to receive the award nationally, joining a select group of 201 highly distinguished physicians who have made superior contributions to the science or art of medicine. They were chosen by nomination from among more than 20,000 fellows of the 70,000-member college. Dr. Cohen's contributions to nephrology, especially with regard to expanding the understanding of renal physiology, are seen in his 59 articles, three books and 15 book chapters. He serves as an editor of *Nephrology Forum*, published in *Kidney International*. He has been active in the American College of Physicians since becoming a fellow in 1969, chairing and serving on several committees.



Annie Duncan, nursing director of the Long Island State Veterans Home, was guest speaker at University Hospital's 11th annual Nurse Recognition Day Thursday, May 9. Duncan spoke on "Directing Change With Vision."

Jorge Galan, assistant professor of microbiology, has been named a 1991 Searle Scholar, one of 18 recipients throughout the United States and the first faculty member at Stony Brook ever to receive the honor. The award will provide \$60,000 a year for three years to support Galan's studies of the invasion of the salmonella bacteria in epithelial cells.

Last year, he was named a Pew Scholar, an award given to 20 highly promising young investigators in the biomedical sciences whose work is relevant to the advancement of human health. The Pew award provides research funding at \$50,000 a year for four years.

Lorne Golub, professor of oral biology and pathology, had a paper, "Brain Tumor Angiogenesis: Drug Delivery and New Inhibitors," presented at the NATO ASI meeting in Greece during June. Co-authors on the paper are Henry Brem and Christopher Guerin of The Johns Hopkins University School of Medicine. In August, *Critical Reviews in Oral Biology and Medicine*, will be published by CRC Press of Florida. Co-authors are Robert A. Greenwald of Long Island Jewish Hospital; N.S. Ramamurthy, senior research scientist for dental medicine; Thomas F. McNamara, professor of oral biology and pathology; and Barry Rifkin of New York University School of Dentistry.

Helen A. Harrison, director of the Pollock-Krasner House and Study Center in East Hampton, lectured on the Mexican mural movement and North American muralists of the New Deal era at the School of Visual Arts in April. Her article on the Jackson Pollock studio floor appears in the Spring issue of the *Long Island Historical Journal*.

Gary Kaplan, assistant professor of neurology, has been named the recipient of the Albert H. Douglas, M.D. Memorial Award for Excellence in Teaching, given by the Medical Society of the State of New York. The honor recognizes Dr. Kaplan's commitment to student interests, both in and out of the classroom, the excellence of his neurology course and strong contributions to the clinical teaching of neurology.

Vicky Penner Katz, director of University News Services, led a panel on "Trade Publications and Alternative Media Careers" on April 19 at the Fourth Annual Professional Journalism Seminar for college and high school students, co-sponsored by the Press Club of Long Island Chapter, Society of Professional Journalists (SPJ) and Nassau Community College. Katz, a past-president and currently treasurer of the Press Club of Long Island Chapter, recently attended the regional convention of SPJ in Boston, MA. Katz serves as the region's representative on SPJ's national Chapter Health and Welfare Committee, which oversees the formation and operation of all SPJ campus and professional chapters.



Richard K. Koehn, director of the Center for Biotechnology, received the annual "Tech Island" award from the Long Island Forum for Technology (LIFT) in May. The award acknowledges his accomplishments as "an innovative economic developer and a science-oriented entrepreneur" in strengthening university-industry relationships and promoting the growth of biotechnology as a new industrial sector in the regional economy. Koehn's center receives annual funding from the New York State Science and Technology Foundation Centers for Advanced Technology (CAT) program.

Co-recipients of the award were David Pall, founder of Pall Corporation, and Maglev pioneers Gordon Danby and James Powell of Brookhaven National Laboratory.

Chirakkal V. Krishnan, chemistry professor, has been awarded a \$10,000 "Tapestry" grant from the National Science Teachers Association and Toyota Motor Sales, USA to establish a "Museum of Chemistry in Human Culture" in the Town of Islip. The project was one of 21 selected nationwide out of a total of 800 proposals. Krishnan and town officials are now looking for a site for the museum. Krishnan also has won a Tandy Technology Scholars award from the Tandy Corporation in recognition of his teaching skills. The Tandy award was presented to a total of 100 teachers nationwide.

John Lessard, composer and professor emeritus of music, presented a lecture-demonstration on 20th century music at the Bis-Oberon Concert of New Music on Sunday, May 19 at the Brush Barn in Smithtown. One of Lessard's works was performed by Elisabeth Palmedo at the concert.

Martin Levine, assistant professor of art, received a Purchase award for his etching, *The City that Works*, which was exhibited in the "National Print Exhibition 1991" at Trenton State College in New Jersey during April and May. His work was recently shown at the "Contemporary Printmaking Invitational" show at the Turner Print Gallery, California State University at Chico.

Alexandra Logue, professor of psychology, recently published a book on normal and abnormal eating and drinking behaviors, *The Psychology of Eating and Drinking*, second edition.

Bradley Lubman, music director of the Stony Brook Symphony Orchestra, has been selected to participate in conducting master classes with conductor/composer Pierre Boulez at the Scotia Festival of Music this summer in Nova Scotia, Canada. Lubman will be one of six conductors in the Scotia Festival's Young Artist Program.

Clyde Miller, associate professor of philosophy, has received a \$64,495 grant from the National Endowment for the Humanities to conduct a five-week seminar for teachers on Plato's dialogues, *Protagoras* and *Meno*. In all, 15 teachers from elementary and secondary schools nationwide will receive stipends to attend the seminars, to be held from June 30 through August 2 at Stony Brook. The grant, awarded to 53 institutions nationwide under the NEH "Summer Seminars for School

Teachers" program, is provided annually for study in the humanities. The grant marks the second NEH award for Miller, who received a similar grant in 1989.

Florence Millet, graduate student in music, is a member of the Lion's Gate Trio, this summer's resident chamber music trio at the Tanglewood Music Festival. She has also been selected to compete in the Queen Elizabeth International Competition in Brussels. Millet plays piano.

Norman Prusslin, general manager of the campus radio station, WUSB-FM, served as a panelist at the 1991 National Convention of the Intercollegiate Broadcasting System (IBS) held recently in New York City. IBS is the nation's largest non-commercial radio membership organization. Prusslin serves as chairman of the IBS Board of Directors. Also serving as panelists were university staff members **Richard Koch**, supervisor of the type and design section, Graphic Support Services; and **Sue Risoli**, assistant director of University News Services. In addition, several Stony Brook students were panelists. They were: **Steven Thornton**, WUSB program director; music director **Margaret Parker**; and business manager **Helen Isip**.

Todd Reynolds, graduate music student, has been awarded a 1991 Thayer Fellowship in the Arts. Each year, two Thayer awards are given to young creative and performing artists as they graduate from the State University of New York to establish professional careers. Reynolds is first violinist with "The Ordinaires" and has been assistant concertmaster of the Tchaikovsky Chamber Orchestra, a member of the Society for Chamber Music at Lincoln Center, and principal second violin of the Rochester Philharmonic Orchestra. He received a masters in music at the May 19 commencement.

Martin Rocek, professor of physics at the Institute of Theoretical Physics, has received a John Simon Guggenheim Memorial Foundation fellowship. The fellowships are awarded on the basis of past achievement and potential for future accomplishment. Rocek — one of 143 scientists, artists and scholars selected from 3,092 applicants nationwide — will receive \$27,000 to pursue research into mathematical physics related to the quantum theory of gravity.

Melville G. Rosen, chairman of the Department of Family Medicine, has been selected as the 1991 New York State Academy of Family Physicians' "Family Practice Educator of the Year." The award was instituted this year to honor a family physician who has made outstanding contributions to family practice education in the spheres of undergraduate, graduate and continuing medical education for family practice. The award was presented to Dr. Rosen on Saturday, May 18, in Buffalo.

Kristen Ruais, graduate student at the Harriman School for Management and Policy, has received the prestigious Presidential Management Internship, providing her with a two-year appointment to a federal agency. Ruais was nominated for the program by Harriman dean Gerrit Wolf. According to a PMI spokesperson, 811 students nationwide were nominated for the internships and 343 students were selected for the award. Ruais was awarded a masters degree in Management and Policy this spring.

Sheila Silver, associate professor of music, recently had two of her original works released on compact disk recordings. The first, a Composers' Award recording funded by the American Academy and Institute of Arts and Letters, is *Sonata for Cello and Piano*. The work was written for and performed by Timothy Eddy, cello, and Gilbert Kalish, piano, both Stony Brook professors of music. The second piece, on Mode Records, is *Canto*, a work for baritone and 13 instruments, based on Ezra Pound's poem of the same name. Silver also wrote the musical score for *Alligator Eyes*, a full-length feature film coming to theatres in November.

K U D O S

Three members of Stony Brook's Department of Public Safety were awarded the SUNY Public Safety Director's Association Award for professionalism and heroism. Detective **Suzanne Benedetto** was awarded the State Professionalism Award for outstanding investigative work. Officers **James Freeman** (who has since transferred to SUNY Buffalo) and **Benjamin Torres** were awarded the State Heroism Award for apprehension of suspects in a burglary.

Two Stony Brook students have been awarded National Science Foundation Graduate Fellowships. They are **Wallace F. Marshall**, who will study biochemistry at the University of California at San Francisco, and **Harleigh**

E. Willmott, who will study zoology at the University of Arkansas at Fayetteville. In addition, two students from other institutions have elected to work at Stony Brook on their NSF awards. They are **Roshna E. Wunderlich**, a graduate of the University of Virginia, who will study physical anthropology, and **Karen Meyers Harris**, a graduate of Pennsylvania State University, who will study materials engineering. The NSF made a total of 950 Graduate Fellowship awards.

The Joint Labor-Management Committees of the United University Professions has awarded 11 Stony Brook faculty and professional staff members the 1991 State of New York United

University Professions Excellence Award for outstanding professional performance and community service. They are **Arthur Davis**, instructional support specialist for physics; **Adelaide Carlson Kuzmack**, assistant director of financial aid; **Dusa McDuff**, professor of mathematics; **Marlo Mignone**, professor and chair of French and Italian languages; **Clyde Lee Miller**, associate professor of philosophy; **Elias Rivers**, leading professor of Hispanic languages and literature; **Rudolf Schlott**, scientific glassblower for chemistry; **John Schmidt**, assistant vice provost for the graduate school; **Blossom Silberman**, senior counselor, University Counseling Center; **Judith Wishnia**, associate professor, Interdisciplinary Program in Social Sci-

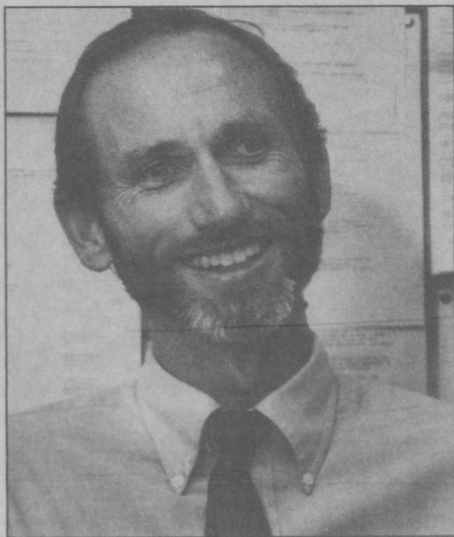
ences; and **Charles Wurster**, associate professor, Marine Science Research Center.

In addition, three professionals from the Health Sciences Center were honored with the NYS/UUP Excellence Award. They are **Fred S. Ferguson**, associate professor of children's dental medicine; **Debra Gillers**, associate dean of medical admissions, and **Lorne Taichman**, professor of oral biology and pathology.

The Best Building Award was given to the custodial staff of the Infirmary for the month of April. The supervisor is **Ramsey Simmons**, and the custodians are **Carmen Marichal** and **Emma Rische**.

T R A N S I T I O N S

New Dean Selected for Social and Behavioral Sciences



Bryce Hool, professor of economics and chair of the Department of Economics, has been named dean for the division of Social and Behavioral Sciences. Hool began his five-year term on June 1. In addition, he has taken over the position of director of the Institute for Decision Sciences, a cross-disciplinary faculty institute which he formerly served as associate director.

The division of Social and Behavioral Sciences consists of the departments of anthropology, economics, history, linguistics, political science, psychology and sociology and the Africana Studies and Social Sciences Interdisciplinary programs.

"The biggest issue facing the division right now," Hool says, "is how to sustain and enhance the quality we have, in a period

of difficult budgetary restrictions. I want to protect the strengths that exist. Beginning immediately, I will work with the units in the division to develop strategies for medium and long term development.

Speaking of the university, Hool says "We have a difficult challenge. We are seeking to provide a high quality education for a large and diverse student population. Stony Brook is well known for its faculty and research, but we need to develop a stronger reputation for our teaching programs.

Hool came to Stony Brook in 1979 as an associate professor of economics. He was appointed full professor in 1984 and chairman of the department in 1986.

From 1974-79, he taught at the University of Wisconsin-Madison. He earned his doctorate in economics from the University of California, Berkeley, and his master's and bachelor's degrees from the University of Canterbury.

Veterans Home Appoints Medical Director

Anne-Marie Filkin has been appointed medical director of the Long Island State Veterans Home, the 350-bed nursing home on the Stony Brook campus that is expected to open in the fall.

Dr. Filkin has a joint appointment as clinical assistant professor of medicine for the School of Medicine in the Division of Geriatrics.

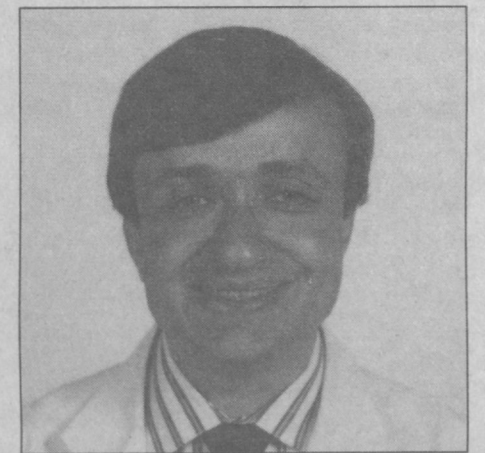
Dr. Filkin will oversee the health and medical services and programs for the veterans residing in the home and will also supervise and train university students in geriatric care in the nursing home setting.



A graduate of New York Medical College, Dr. Filkin served as medical director of the Mary Manning Walsh Home in Manhattan. She has taught at Cornell University Medical College, New York Medical College and St. Vincent's Hospital. In addition to expertise in geriatrics, Dr. Filkin is trained in surgery.

She serves on the boards of the American Medical Directors Association and the New York Medical Directors Association and is a member of the American Geriatrics Society.

Maternal-Fetal Medicine Names New Director



Daniel H. Saltzman has been named director of maternal-fetal medicine at University Hospital.

Prior to joining Stony Brook, Dr. Saltzman was assistant professor of obstetrics, gynecology and reproductive biology at Harvard Medical School and medical director of labor and delivery at Brigham and Women's Hospital.

He is a fellow of the American College of Obstetricians and Gynecologists and a member of the Society of Perinatal Obstetricians. His major research interests include the reduction of the Cesarean section rate in the United States, prenatal diagnosis and diabetes in pregnancy.

Dr. Saltzman is an alumnus of the University at Stony Brook, from which he received a bachelor of science degree in biology in 1975. He received his medical degree from the State University at Buffalo in 1979.

O B I T U A R I E S

Edna K. Owens, 68, longtime employee and friend of Stony Brook, died on February 1, 1991. A memorial service in her honor was held on May 1.

Mrs. Owens earned a bachelor of arts degree from Stony Brook in 1969 and an M.L.S. degree from C.W. Post in 1972. She joined the staff of Stony Brook in 1969 as assistant to the chair of the Department of History. In 1972 she became assistant to the vice president for Liberal Studies. From 1977 to her retirement in 1988, Mrs. Owens served as assistant to the vice president for Academic Affairs/ assistant to the Provost. After retiring, she worked as a volunteer in the Frank Melville Jr. Library as adjunct assistant librarian for Special Collections.

John Mullane, assistant to the Provost, who worked with Mrs. Owens for 16 years, said, "She was one of

the most dedicated people I have ever known. She was a person who knew every possible thing about her job, and she could always find a way to get things done. She was also a very caring person."

Mrs. Owens is survived by her son, Patrick, her daughter, Christine, and one grandchild.

The Edna K. Owens Memorial Fund has been established to benefit the university. Funds will be expended on books for the library and other projects. Donations may be made to the Stony Brook Foundation, Account No. 065890, c/o Doris Kempner, P.O. Box 796, Stony Brook, NY 11790.

Also in her memory, an annual award will be made to a nonacademic employee in the provostial area who best exemplifies what Edna Owens represented. Further information on the memorial award will be available in the fall.

Wayne R. Mortak, 20, a senior at Stony Brook, died of smoke inhalation on May 16, in a fire at his workplace.

Wayne was a math major who worked part time at McCrory's in the Walt Whitman Mall, Huntington Station, where the fire took place. He had left the store when the fire broke out, but apparently returned to try to rescue others trapped inside.

Wayne transferred to Stony Brook from SUNY College at Farmingdale in the fall of 1990. He lived in West Babylon with his father, Wayne M., his mother, Dang, and his sisters, Michelle and Dianne.

A scholarship in his memory has been established by the school district he attended. Donations to the Wayne Mortak Memorial Fund may be sent directly to Joseph Zerkel, c/o Rose D'Angelo at West Babylon High School, 500 Great East Neck Road, West Babylon, NY 11704.

Turchiano and Serratore Win Top Honors

Athletes of the Year, Coach of the Year, Alumni Scholar-Athlete and other sports honors were announced at the annual Athletic Awards ceremony.

By Bob Orlando

Awards were distributed to exceptional student-athletes at the annual Athletic Awards barbeque on May 9. This was the first time that Stony Brook has held its awards ceremony outside and it was a tremendous success.

Following a round of informal games and dinner, Ken Alber chaired the awards ceremony. Athlete of the Year finalists on the women's side were Katie Browngardt of the women's basketball team, Stasia Nikas of the women's volleyball team, and Michele Turchiano of the Division I women's soccer team.

Browngardt led the team in eight offensive categories and was named District II All-American, ECAC Metropolitan NY/NJ Player of the Year, and was selected for the ECAC's first team. Browngardt also won MVP in all three tournaments she played in this season.

Nikas led the volleyball team to the New York State title and the East Regional Final of the NCAA Tournament. She was also named to the All-Tournament team in all five tournaments in which she played and led the team in digs and was second in kills and blocks.

Turchiano anchored the soccer team's defensive unit and was named to the 1990-91 Northeast Regional All-American Team selected by the National Coaches Association. "I consider Michele the most technically and tactically talented player ever to play for the women's soccer team," said coach Sue Ryan.

Turchiano was named Athlete of the Year. "I am totally surprised, but the credit has to go to the rest of the team. It's unfortunate that there are no statistics in my position (sweeper), but that's what makes it especially nice to be noticed."

On the men's side, the candidates were Emeka Smith, Dan Kent and Rob Serratore.

Two-time team MVP Emeka Smith of the men's basketball team led the team in five offensive categories and took them to the second round in the NCAA Tournament. He was named first team All New York State, first team Skyline Conference, and first team Metropolitan Basketball Writers Association.

Dan Kent of the men's soccer team led a freshman-dominated defensive unit. Kent was named the Most Valuable Defensive Player at the Stony Brook Invitational and was named to the All-Tournament team.

Division I lacrosse goalkeeper Rob Serratore is a three-time team MVP. This year he ranked as high as seventh in the nation in Division I save percentage (64.4%). Serratore turned in the top

goaltending performance of the year against North Carolina with 35 saves. "He is by far the best goaltender that has ever attended Stony Brook," says coach John Espey.

Serratore was named Athlete of the Year. "It's great to be honored," he said. "By playing well against North Carolina and Pennsylvania it shows the direction our program is headed, and the credit has to go to the fine coaching staff."

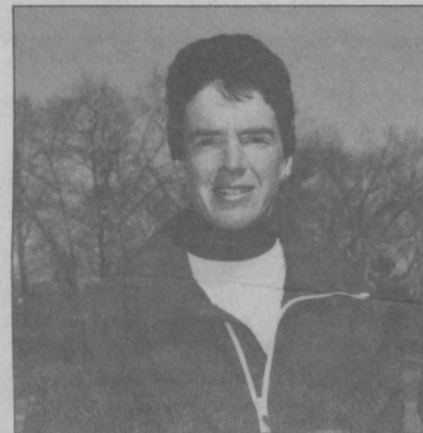
The awards for coaches of the year were very competitive this season. Winner was men's basketball coach Joe Castiglie, who orchestrated his team to a 23-4 season which culminated in the second round of the NCAA East Regional. This was the second time in Castiglie's seven seasons that the Patriots have been in the NCAAs and seventh in post-season play. "This is the third time in seven years that I have won this award," said the coach. "Next season there will be new faces and some transition will



Athlete of the Year Michele Turchiano plays soccer defense.



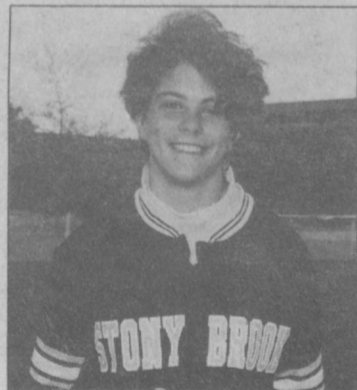
Athlete of the Year Rob Serratore is lacrosse goaltender.



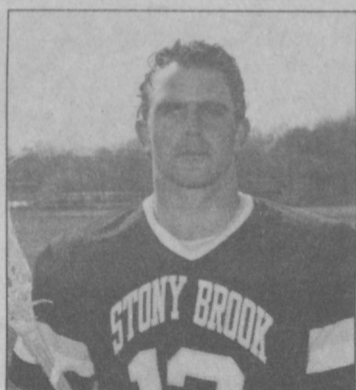
Women's Coach of the Year Judy Christ



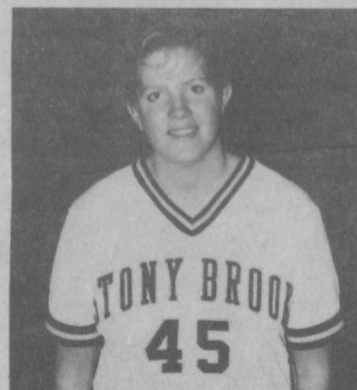
Men's Coach of the Year Joe Castiglie



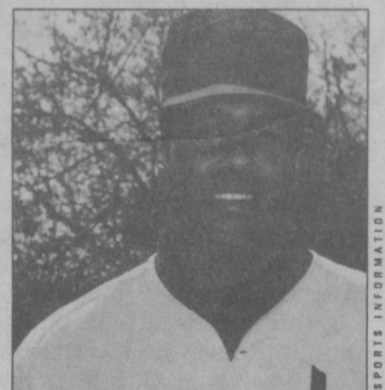
Teri Manno, softball



Steve McCabe, lacrosse



Rita Gallahue, women's basketball



Ray Lacen, baseball

take place. I am trying to gear the team for Emeka's (Smith) senior year (1992-93)."

Judy Christ won the Coach of the Year for the women by guiding her softball team to a winning season and the thirdseed in the New York State Tournament. Christ rebounded her team from a 5-14 season last year. "Judy is more intense this year than last," said shortstop Dana Carasig. "She became closer to the players."

The Alumni Scholar-Athlete award was given to the outstanding female and male students who maintained a grade point average of at least 3.30 while playing on a varsity team.

Laura LaRock maintained a 3.67 GPA during her undergraduate work in nursing and played volleyball. LaRock was the starting outside hitter on the 39-8 team that captured the first ever New York State Division III championship for Stony Brook.

The male recipient was Rogers Rospars, an offensive lineman of the football team. Rospars maintained a 3.70 GPA in economics and earned the Senior Scholar Athlete of the Year given by the Liberty Football Conference.

VIP Service Awards were given to those

who made outstanding contributions to Intercollegiate athletics at Stony Brook this past year. The first recipient was President John H. Marburger for his long-standing commitment in seeing that the Indoor Sports Complex became a reality and for rescuing it when it appeared to be lost to financial and bureaucratic restrictions.

Dr. Stu Cherney, Stony Brook's team physician, also received the award for his dedication over the past eight years. He volunteered his time to attend many athletic contests and was available in the training room for injury evaluations. Dr. Cherney has also been instrumental in developing the Athletic Training program which services all 20 athletic teams.

ECAC Merit Medals were given to the student-athletes who made a variety of contributions to their institution's intercollegiate athletic program during the 1990-91 year. The four winners were Teri Manno of the women's softball team, Steve McCabe of the men's lacrosse team, Rita Gallahue of the women's basketball team, and Ray Lacen of the baseball team.

Manno was named the most improved player on her team this past season and was

a co-captain. This year she earned the starting centerfield position and batted .381 in the regular season without an error. "Teri has been a team leader for four years, regardless of her status as a starting player," said coach Christ.

McCabe served as the team captain and is a four-year letter winner. He was part of the transition from Division III to Division I and has experienced good times and bad. "Steve is a superb athlete, an outstanding individual and a true team leader," said coach Espey.

Gallahue was also a four-year letter winner and served as the team captain. She currently holds the record for most blocked shots in a single season (63). Coach McMullen said, "Rita is an outstanding defensive player and a terrific team leader both on and off the court."

Lacen is a two-year performer and a graduating senior. Lacen organized informal team practices while the Division of Physical Education & Athletics was conducting a search for a new baseball coach. He kept the team abreast of the latest developments, acting as a liaison between the athletic department and the team.