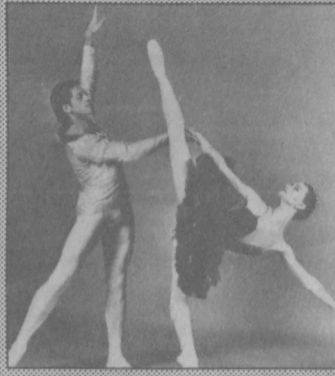




Featuring  
news from  
the  
Health  
Sciences on  
page 6.



Staller  
Center for  
the Arts,  
1991-92.  
See page  
14.



Fall  
Season  
Sports  
Preview  
on page  
22.

# UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

SEPTEMBER 1991

VOLUME 9 NUMBER 6

## FOCUS: THE ARTS

### Tomorrow's Music at Stony Brook Today



By Gila Reinstein

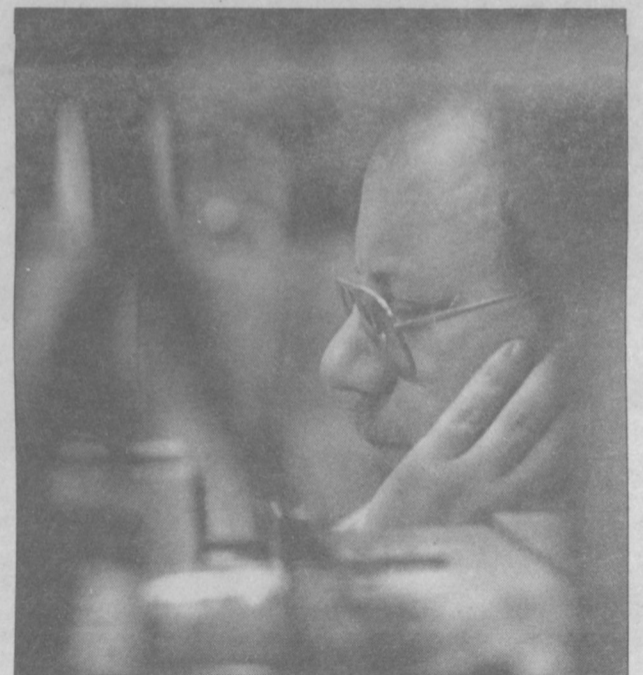
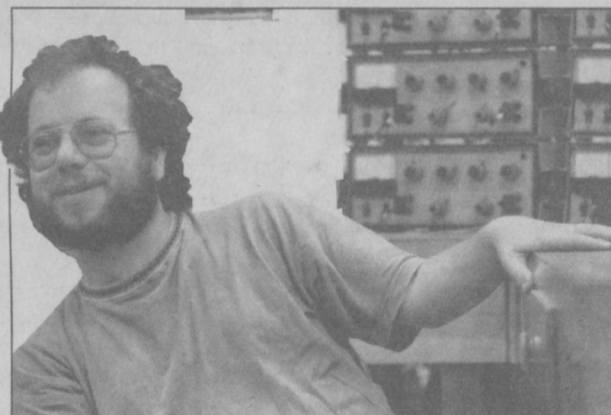
Students from across America and all over the world come to Stony Brook to study music. Young composers from France and China learn to create harmony and dissonance, rhythm and pattern for both traditional instruments and electronic devices. Performers from California to New England, from Australia to Germany, polish technique and deepen their musical understanding. And together, composers and instrumentalists work to bring tomorrow's music to the concert stage. Close ties between composition and performance make Stony Brook's program in contemporary music a success.

Richard Kramer, chair of the Music Department, notes that the dedication to new music is deeply ingrained in the scholarly programs as well. "In our short history, my colleagues have created a rich strain of theoretical and critical work on contemporary music. This, too, is integrated in the enterprises of performance and composition. This intradisciplinary aspect is very special in an academic department, and we take pleasure in it even when the discourse gets bumpy."

Oded Zehavi is a composer, a graduate student from Israel working toward a Ph.D. in the Department of Music. Ten years ago he served as a tank commander in the Israeli army on the shores of Lebanon. "Before I went to fight," he says, "I made a bargain with God that if I came out of it

*"Before I went to fight, I made a bargain with God that if I came out of it alive, I would write about the war. God fulfilled His side. ...I feel almost a mission to tell people about the war. Not too many living composers have experienced the battlefield firsthand."*

—Oded Zehavi



Oded Zehavi in the electronic music studio.

alive, I would write about the war. God fulfilled His side," he says and pauses. "I feel almost a mission to tell people about the experience of war. Not too many living composers have experienced the battlefield firsthand."

Full of energy and joy, Zehavi laughs and gestures as he talks. "All I want to do is write and write and write. This has been one of the most prolific years of my life," he says. "I write emotional music. I'll use whatever system best expresses the message I want to convey. I'm lucky to belong to a generation that doesn't insist on inventing a new language. We follow the great innovators and can concentrate on what we want to say rather than coming up with a new way to say it."

Zehavi works in the electronic studio created by Daria Semegen, associate professor of music, director of Stony Brook's Electronic Music Studios and composer. Wires like uncooperative spaghetti are bundled, draped and taped all around. Zehavi sits at the counter, all but surrounded by banks of dials, knobs and switches. He inserts a reel-to-reel tape into the machine and plays a 13-minute piece for tape

and percussion called "Bunker." The composition, to be performed at Yale University in November was completed in April 1991 and has been presented at the Staller Center for the Arts, the Brooklyn Academy of Music and a New York City art gallery.

When the music begins, Zehavi slumps into a chair, eyes closed, head in hand. Quietly, like the drone of an approaching airplane, sound rises up, created on standard instruments but altered, distorted and mixed by computer. The piece moves from suspense to terror, with bursts of violence and strains of intense yearning. It's a searing work.

How does he reconcile the pain of the music he writes with his lively, good-humored manner? "I don't dwell on my sorrow, but it comes out in my music. If I fall, who will hold me?" he asks. "When I try to write happy music, it sounds sardonic to me."

Zehavi, like others at Stony Brook, is delighted by the close connection between the performance and the composition wings of the Music Department. "For a composer, it's a dream to hear what you compose performed immediately. Most music schools isolate the performers from the composers, but here it is different." Working with performers "does something to you as a composer. It makes

*continued on page 16*

- 1 **Tomorrow's Music at Stony Brook Today**

---

- 4 **Research Briefs**
  - Single-electron computer chips: Physics
  - Older workers on L.I.: Center for Labor Management Studies
  - New hope for brain cancer: Division of Oncology

---

- 5 **Coming Events**
  - President's Convocation
  - Distinguished Lecture Series
  - Campus Life Time

---

- 6 **Health Sciences Center News**

---

- Focus: The Arts**

---

- 7 **Dance Moves into Theatre Arts**

---

- 8 **Dialogue with the Mysteries of Life: Kay WalkingStick**

---

- 10 **Works in Progress — Trial by Performance**
  - Designing the Lobster Suit

---

- 11 **On Stage: Stony Brook Theatre, 1991-92**

---

- 12 **A Roundup of the Season Ahead at the Humanities Institute, Crafts Center and Music Department**

---

- 14 **Inspiration at the Staller Center!**
  - Music, dance, drama and special events this year

---

- 16 **Musical Voices —**
  - Three faculty composers

---

- 17 **Jazzing it Up**

---

- 18 **Speaking of Music with Julius Levine**

---

- 19 **Questions without Answers, by Mel Pekarsky**

- Departments**

---

- 20 **On Campus**
- 21 **People in the News**
- 22 **Athletics — Fall Preview**
- 23 **In the Arts**
- 24 **Calendar**
- 28 **Changes: While You Were Out**

**Professors Honored by Governor Cuomo in Asian -American Celebration**

Two Stony Brook professors were honored by New York State at a reception in Manhattan, celebrating Asian-American Heritage Month in May.

Sung Bae Park, professor of comparative studies and director of the Korean Studies program, and Chen Ning Yang, director of the Institute for Theoretical Physics, were among seven prominent Asian-Americans selected to receive the first annual New York State Asian-American Heritage Awards presented by Governor Mario Cuomo.



Park was cited for his work in establishing the Korean Studies program at Stony Brook. Formally established in 1987, the program offers both non-Koreans and those of Korean descent opportunities in undergraduate, graduate and post-doctoral education.



Yang, a Nobel Prize winner, was selected for his contributions to science in establishing the basis for the modern quantum field theory. One of the most eminent scientists in the world of physics, Yang is a recipient of the National Medal of Science as well as numerous other honors.

Other recipients of the award were virtuoso violinist Midori, who will perform at Stony Brook March 6, 1992; Chinese landscape painter C.C. Wang; Indian writer and scholar Ved Mehta; Nobel prize winner Leo Esaki, known for his work in the field of semi-conductor research; and Metropolitan opera star, soprano Hei-Kyung Hong.

Over 1,000 guests attended the awards ceremony which was held at Battery Park City's South Cove and was sponsored by the New York State Asian-American Advisory Committee. Governor Cuomo told the gathering that "New York State has been the beneficiary of many social, cultural and economic contributions made by Asian-Americans," enriching our heritage and advancing the progress of our nation in a wide range of fields including the sciences, the arts, literature, education, agriculture, commerce, industry and government.

**USB Researcher Receives NSF Young Investigator Award**

Frank Webster, assistant professor of chemistry, is among this year's 220 recipients of the National Science Foundation's Presidential Young Investigator Awards.

Presidential Young Investigator Awards have been given since 1983 to fund research by science or engineering

faculty at the beginning of their careers. Each investigator receives a base award of \$25,000 each year for five years, and can apply for up to \$75,000 more annually through a combination of private and matching federal funds. Webster will receive the full \$100,000 this year.

Webster, 34, is using computational chemistry to determine the electronic structure of molecules as they move. He works with secondary electron particles produced by ionizing radiation in water. "In any radiation damage having to do with x-rays or nuclear reactors," said Webster, "the most damage is caused by secondary electrons. If you want to understand their effect on biological systems, you have to understand radiation damage by these electrons in water."

Webster received a Ph.D. in computational chemistry from the University of Chicago in 1987, and completed a post-doctoral fellowship at the University of Texas at Austin. He joined Stony Brook's faculty last year.

**Alumnus Martin Kreitman Wins MacArthur "Genius Grant"**

Martin Kreitman '76 has been awarded a John D. and Catherine T. MacArthur Foundation "genius" fellowship to pursue his studies in molecular evolution and population genetics.

Kreitman, a biology major at Stony Brook, said his "interest in evolutionary biology was sparked at Stony Brook. Stony Brook has a very fine department in the field, and a very stable one — most of my professors from my undergraduate years are still there. They are now my colleagues." He names George Hechtel, George Williams and Douglas Futuma among those, and especially cites the influence and friendship of his thesis advisor Jeffrey Levinton. In addition, he maintains close ties with Richard Koehn and Walter Eanes, a graduate student at Stony Brook in Kreitman's undergraduate days, with whom he frequently collaborates on research today.

Kreitman is currently an associate professor at Princeton University. In January 1992, he will join the University of Chicago as a full professor.

"I was fortunate to be in the right place at the right time," he says of his research. While a doctoral candidate at Harvard University, he conducted the first study of DNA sequence variation in a natural population. His study of fruitflies "gave definitive answers to a long-standing question about how much genetic variation is in a gene," he explains.

Levinton, professor and chair of the Department of Ecology and Evolution, acknowledges that Kreitman, "has made major and creative contributions to the study of gene structure and variation of DNA in natural populations." Levinton recalls that "Marty took courses in our department and I remember him as a bright light in my marine ecology course." Since Kreitman's graduation, he has returned to address seminars at Stony Brook.

The MacArthur grant is a five year award in the amount of \$245,000.

CURRENTS

SEPTEMBER 1991

VOLUME 9, NUMBER 6

Coming Next Month

FOCUS ISSUE

**October: Health Care at Stony Brook**

**Special Report on Cancer — Research and Patient Care**

- Coping with Cancer
- Research Roundup
- University and BNL undertake joint cancer treatment program

- Also:
- Veterans Home to Open in October
  - Dentists and AIDS
  - Musical residency



Should dentists and doctors be tested for AIDS? If infected, should they stay in practice? Dental Professor Burton R. Pollack speaks out.



Music and medicine meld at the Health Sciences Center, as the Guld Trio takes up residency this fall. A special series of concerts is planned.



The Medical Oncology Unit gears up for Halloween, helping cancer patients keep a positive attitude as they face the challenges that await them.

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Marjorie Kandel and chemistry student John X. Haberman in the lab.

## Back to School

### NSF-Sponsored Workshops at Stony Brook Confront "Lab Anxiety"

There are courses for students with math anxiety and science anxiety. What about help for those with lab anxiety? Laboratories hold special terrors for the underprepared, says chemistry lecturer Marjorie Kandel.

To help them not only survive lab but enjoy it, too, Kandel has developed a series of two-day workshops to be offered this year. The workshops, supported by a \$80,000 National Science Foundation grant, are designed to give undergraduates what she calls "lab savvy."

"Lab is a performance course, not unlike physical education or art studio," says Kandel. "Students can get stage fright." Some unsuccessfully try to translate traditional academic skills, such as memorization or note-taking, to their laboratory experience. Others become so unnerved, Kandel says, that they have trouble making even the most commonsense observations about their lab experiments.

Kandel, coordinator of USB's organic chemistry labs, will include stress management techniques in the workshops. She'll also set up "interactive demonstrations," experiments she and the students do together and discuss. Kandel will distribute questionnaires to explore how students feel about science and their own performance in class.

"If they feel better about their ability to do science, their work will be better," she says. "They also need to know that laboratory science is not esoteric and removed from their lives. It's a 'what-if' way of thinking and observing, something that draws on everything they already know."

Mohammad J. Akhtar, coordinator of general chemistry labs, will develop the workshops with Kandel.

To sign up, call Kandel at 632-7945, or stop by her office at Room 717 Chemistry.

### Diversified Curriculum Launched

The weather may still be hot, but the beaches are empty. Opening week at Stony Brook has arrived and classes are starting. This year, enrollment is expected to match or exceed last year's record 17,632 students.

Opening Week activities began Saturday, August 31, when 7,000 students moved into residence halls. University President John H. Marburger's official welcome to the entering class at the annual New Student Convocation inaugurated the festivities at 4:30 p.m. Former tennis champion Arthur Ashe delivered the keynote address. Ashe, the top-ranking tennis champion in 1968 and 1975, retired in 1979 after heart surgery. Now a tennis commentator for ABC television, he is the author of three books. *A Hard Road to Glory*, his chronicle of black athletes in America, was adapted for television and earned Ashe an Emmy Award for writing.

During Opening Week, there is a full schedule of social and cultural events. See the calendar, pages 24-27.

New to undergraduate students this year will be the Diversified Education Curriculum (DEC), replacing the "core curriculum" for the College of Arts and Sciences and the W. Averell Harriman School for Management and Policy. DEC is designed to give students a sophisticated grasp of the complex world they will face upon graduation.

In addition to courses in English composition and mathematics, DEC will expose students to the arts, social and global implications of science and technology, as well as diverse cultures. The curriculum also requires students to explore American pluralism: our nation's diversity of ethnic, religious, gender and intellectual traditions.

The freshman class is expected to be composed of 1,800 students. According to Theresa Larocca-Meyer, dean of enrollment planning and management, the university's admissions office received 11,277 applications for the projected 1,750 freshmen openings.

Campus-wide, the projected fall 1991 undergraduate full- and part-time enrollment totals 11,492 students — 10,981 on the main campus and 511 at the Health Sciences Center. Graduate full- and part-time enrollment totals 5,887 students, with 4,629 on the main campus and 1,258 at the Health Sciences Center. Of that figure, 525 students will be enrolled at the schools of medicine and dental medicine.

### Medical School Orientation Opens with Performance of *The Doctor Stories*

Stony Brook put an unusual spin on its medical school orientation program in August with a dramatic presentation of short stories about the image of the doctor and the doctor-patient relationship.

Equity actors from Manhattan presented a reader's theater version of *The Doctor Stories* by William Carlos Williams, a major American writer of the 20th century who also practiced medicine for almost 40 years in Rutherford, N.J. *The Doctor Stories* tell of patients and practice in an urban, low-income setting during the 1930s. Following the reading, medical students and faculty discussed the works in small groups.

The August 26 orientation program for the medical school class of '95 provided an informal introduction to "Medicine in Contemporary Society," a new course that brings the social sciences and humanities into medicine. Students meet in small groups to investigate social, ethical and legal issues which arise in the practice of medicine and explore ways in which medical care is shaped by and shapes contemporary American society. Faculty and staff of the School of Medicine, University Hospital and the College of Arts and Sciences assist in teaching this innovative program.

"It's a way to get the students to think about what it means to be a physician," Peter Williams, course director of "Medicine in Contemporary Society," says of the orientation program. "It's also a way to show that literature is another approach to viewing medicine." Williams holds a Ph.D. in philosophy and a law degree.

"The beauty of William Carlos Williams is that aside from being a major poet and writer, he was a practicing physician," adds Jack Coulehan, professor of medicine. "He illustrates that practicing medicine and having broader interests are not incompatible." Dr. Coulehan, a published poet and writer and clinical ethicist, recently joined the medical school staff.

Orientation was held Monday, August 26 to Friday, August 30. Classes began Tuesday, September 3.

## Stony Brook Announces Cut in Work Force to Close Budget Gap for 1991-92

The university will reduce employment levels by a total 137 full-time positions as part of a plan to meet an \$8.6 million reduction in state funding. Many of the positions had been held vacant during the hiring freeze or cleared by early retirements and non-renewal of term appointments. Only eight persons are receiving notice of termination. Included in the cutback are 16 vacant tenure-track faculty positions which would have otherwise been filled by September 1991. Seventeen additional full-time faculty will not be reappointed. Another 17 classified employees whose positions were eliminated were able to find other positions on campus.

"While this reduction in staff will have an impact on our plans to develop academic departments, we are seeking to minimize the effect on the instructional program by selectively adjusting teaching loads, among other things," notes Provost Tilden G. Edelstein.

Despite the loss of state jobs, Stony Brook overall continues to grow at a rapid pace, says President John H. Marburger. "Although our state funding is declining, Stony Brook has thriving programs in research and health care that are funded from non-state sources. We are reconfiguring our programs very slightly to reduce the sensitivity of our operations to state funding shifts while continuing to meet the growing needs of our students and the region."

The university's 1990-91 operating budget totaled \$503.7 million, just over a third of which came from the state. Most of the state funds underwrite instructional programs and general university operations. The retrenchment plan was approved by SUNY's central administration in Albany.

Eliminating 137 jobs will save approximately \$6 mil-

lion. The university is also aggressively trimming overtime expenses, which were reduced by nearly \$1 million over the past two years. In 1991-92, overtime will be further reduced by \$600,000.

While state funding has declined, support for research at Stony Brook from the federal government, industry and foundations continues to grow as do revenues from fund-raising efforts among alumni and others, and from patents and licenses. Several campus operations are virtually self-supporting, such as residence halls, transportation, student health services, summer school and University Hospital. Others, such as a corporate incubator building now under construction, a cogeneration plant, a hotel-conference center and an ambulatory care building — will be developed with full or partial financing from the private sector.

"All these areas are doing well and enable us to remain a strong and growing force in the Long Island economy," Marburger says. "We are eliminating some activities and will manage our affairs better so as to strengthen other priority areas." He says that in addition to the faculty positions, word processing and computerization are eliminating some clerical jobs, and the consolidation of service and support areas permits some positions to be eliminated.

"We are reducing state support for revenue-producing programs, forcing them to pick up a greater share of their expenses. This comes at a time, of course, when federal and other sponsors are seeking greater matching funds from the university, so this strategy cannot be pushed too far," Marburger adds.

Some staff with term appointments will not have their contracts renewed and some temporary employees will not

be continued. Although offers to graduate students will be honored, there will be fewer graduate students supported from state funds this academic year.

### School of Medicine Establishes Dean's Council

The School of Medicine has formed a 12-member advisory group called the Dean's Council to assist University Hospital and the medical school in a number of areas, including fund-raising, community and public relations and legislative affairs.

"I am very pleased that this talented group of community leaders has agreed to assist us in realizing our vision of the medical center," said School of Medicine Dean Jordan Cohen. "I know that the council will play a significant role in our development and, consequently, in the future of health care on Long Island and beyond."

The council includes: Madelaine Reese Anagnostopoulos, Roberts, Loucks and Co.; Frederick C. Braun III; Thomas Cruso, regional vice president, Allstate Insurance Co.; Gardner Cowles III, publisher, *Three Village Herald*, *Sag Harbor Express*, *Shelter Island Reporter*; Donald A. DiRenzo, executive vice president, Cushman & Wakefield; Clifford Foster; Alexander M. Hargrave, Hargrave Vineyard; Thomas LeViness, Pell and LeViness; John E. McWeeney, Jr., executive vice president of Norstar Bank; Robert W. Seavey, Seavey and Seavey; Thomas Twomey, Twomey, Latham, Shea, and Kelley; and Janet Walsh, Long Island Alzheimer's Foundation.

# Research Briefs



Konstantin Likharev

## Researchers Probe Ways to Boost Computers

Faster, smaller computers hundreds of times more powerful than what's available today could result from research now underway at Stony Brook. The Department of Physics is one of a handful of laboratories worldwide developing practical applications for the science of single-electronics, a process that up until recently could only be discussed on a theoretical basis.

It took 20th-century technology to put the theory to work, says Konstantin Likharev, former director of the Laboratory for Cryoelectronics at Moscow State University and the scientist credited with creating the new field of solid-electronics in the mid 1980s. Likharev heads the USB research effort in which the solid electron microscopic devices are being fabricated in the lab.

"We are opening up a new world of electronic circuitry in which information can be both stored and processed in the form of single electrons," he says of the process that stands to revolutionize computer technology and have other electronic circuit applications.

Working with physics professors Michael Gurvich and James Lukens, Likharev is developing a method that will enable computers to be made smaller and more energy efficient by dramatically improving the density, or number of elements on each chip.

Today, computers are based on silicon, or semiconductor, technology, he explains. Each computer chip contains up to 30 million "gates" — elements that open and close electronic signals — per square centimeter. By using a process called electron beam lithography, Likharev is able to add one single microscopic-size electrode to an electronic current which in turn makes the property of the current change.

The process occupies an area less than one hundredth of a square micron, a space so small that 100,000 such processes can fit on a cross section of a human hair. Scientists predict that the new single-electron technology will allow individual chips to hold a full 10 billion elements per square centimeter.

## Survey Reveals Only Half of L.I. Businesses Hire Older Workers

A survey of over 300 Long Island employers, conducted to determine their attitudes toward employees age 55 and over, reveals that although 90 percent of the companies hired new workers last year, only half hired older employees.

The survey is the culmination of a year-long study of Long Island's older work force, conducted by the Center for Labor/Management Studies at the Harriman School for Management and Policy. The survey consists of data from personal interviews and mail-in questionnaires from a total of 306 companies.

The survey also reveals that:

- A total of 15 percent of the workforce is over age 55; more than 25 percent of the firms report that the average age of their workers is 41 years or older.

- Older workers are more likely to be employed in large and medium-size firms—and in production companies (e.g. manufacturing and construction) rather than service firms (e.g. retail and financial).

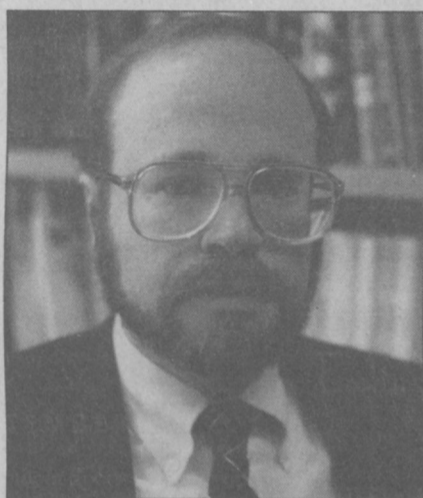
- Of the companies that hired new workers, 30 percent hired between one and 10 employees over 55 years of age. Older workers tend to be hired for clerical and managerial positions.

- While employees receive an average of 4.7 days of training a year, 42 percent of the firms report that older workers attended no training programs.

"It's going to be important to continue focusing on older workers no matter what the economy is like," says Manuel London, director of the Center for Labor/Management Studies.

The survey, conducted during the summer and fall of 1990, consists of a sampling of businesses drawn from the membership lists of the Long Island Association and Long Island Personnel Society. Of the mail-in surveys, a total of 88 responses represent firms with 51 to 150 employees; a total of 96 surveys came from firms with over 150 employees.

Questions on the survey dealt with the companies' attitudes toward employ-



Manuel London

ing older workers — including problems and advantages of employing older workers — along with training programs and programs to encourage continued employment.

According to the survey, older workers are perceived as

highly motivated, productive and reliable, but their talents are not used in any special way.

The survey also asked for expansion or downsizing plans. According to the survey, 42 percent of the firms report that they plan to expand on Long Island. A total of 7.5 percent plan to expand outside the region, and 7.9 percent are downsizing.

The older workers study, funded by the New York State Urban Development Corporation, consisted of three parts: a series of support groups for older workers seeking employment, a series of job fairs, and the employer survey. The survey was conducted in cooperation with the Nassau County Department of Senior Citizen Affairs, the Suffolk County Department of Aging and the Long Island Association.

## New Cancer Treatment Shows Promise For Brain Tumors

An experimental cancer treatment in which cancer-fighting drugs are delivered directly to a tumor site rather than intravenously is showing great promise in the treatment of brain cancer, according to a new study by Stony Brook researchers.

The study, published in the June 1 issue of *Cancer* by the American Cancer Society, revealed that eight of 20 patients with primary brain cancer (cancer that originated in the brain) responded to the treatment. An additional four responded with a combination of surgery, chemotherapy and radiation therapy. Twelve of 22 patients with metastatic cancer (cancer that has spread from one organ to other parts of the body) also responded to the treatment. Researchers note that the treatment is most effective for those who have not had radiation therapy.

For the 20 patients with primary brain cancer, the median survival was 15 months or longer, compared to under one year with standard treatment. Three patients who had primary brain cancer are alive two to four years after receiving the treatment.

For metastatic tumors, patients lived six months after the therapy, compared to three to five months with other therapies. One patient who had metastatic cancer has been cancer free for 14 months and believed to be cured.

In addition, because the drugs are delivered directly to the tumor rather than intravenously, there are fewer side effects.

"We are seeing long survival rates and complete remissions for the first time," says Dr. Stefan Madajewicz, professor of medicine in the Division of Oncology and principal investigator of the study. "This is very promising."

Brain cancer has always been difficult to treat because of the blood-brain barrier — a vessel wall that protects the brain from toxins. In the case of brain cancer treatment, this barrier prevents adequate amounts of chemotherapy from reaching the tumor site.

Madajewicz says he combined an old technique with a new drug combination to attempt to solve the problem. The technique, called intracarotid chemotherapy, involves threading a thin tube from the groin to the common carotid artery in the neck and then to the brain's internal carotid artery. At this point, two chemotherapy drugs — VP-16 and cisPlatin — are injected and delivered directly to the tumor site.

One woman, Theresa Marchese, 53, a teacher from East Northport, was referred to Dr. Madajewicz after undergoing surgery and radiation therapy for cancer of the scalp at Mt. Sinai Medical Center in Manhattan. When she came to Dr. Madajewicz in January 1990, she had a cluster of inoperable tumors, double vision and trouble with her balance. She underwent three treatments with Dr. Madajewicz and for the last 14 months has been cancer free.

"I didn't think I'd see another spring," says Mrs. Marchese, who returned to the East Northport School District as a substitute teacher. "My sight is fine; my balance is fine. I feel pretty good."



Stefan Madajewicz

## Stony Brook Researchers Win \$4.54 Million Award to Study Cancer

Six faculty members in the Department of Microbiology have received a five-year \$4.54 million grant from the National Cancer Institute to study certain genes involved in causing cancer.

Two classes of oncogenes are under study. The first include cellular genes that have been captured by viruses and, as a result, produce protein products that function abnormally. The second class of genes encode viral proteins that bind directly to normal cellular proteins and interfere with their function. In both cases, cells grow out of control and induce cancer. The long-term objective of the studies is to understand the molecular processes that lead to cancer. The scientists hope the research will lead to better methods of prevention and treatment.

The National Cancer Institute awards program project grants to groups of investigators who work on related research problems. The goal is to increase communication and collaboration among investigators. This is the third, five-year award the investigators have received from the National Cancer Institute to study this problem. The three awards have provided more than \$10 million in direct research support and an additional \$5 million in indirect support to the Research Foundation of the State University of New York.

The six faculty members are Peter Tegtmeier, principal investigator and professor; Michael Hayman, professor; Patrick Hearing, assistant professor; Joseph Lipsick, associate professor; Nicholas Muzyczka, associate professor; and Eckard Wimmer, professor and chairman of Microbiology.

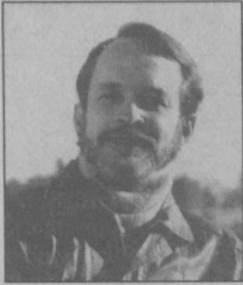
# Distinguished Lecture Series



**Jonathan Kozol**  
Thursday, Sept. 12, 8 p.m.  
Educator, activist and author  
"At the Mercy of America: Education and the Accident of Birth"



**Henry Louis Gates**  
Tuesday, Feb. 4, 8 p.m.  
Chair of Afro-American Studies, Harvard University  
"On Transforming the American Mind"



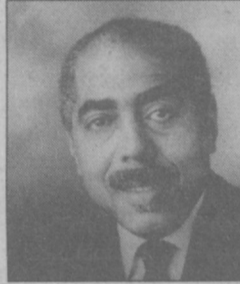
**Geoffrey Fox**  
Wednesday, Oct. 2, 8 p.m.  
Scholar, translator, author  
"Inventing America: 1492-1992"



**Elizabeth Fox-Genovese**  
Tuesday, March 10, 8 p.m.  
Historian, author  
"Unspeakable Things Unspoken: Ghosts and Memories in African-American Women's Identity"



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

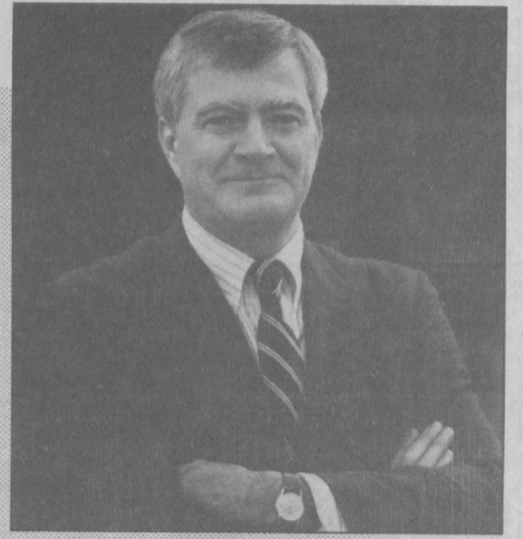


**Walter Massey**  
Monday, April 20, 8 p.m.  
Physicist, director of the National Science Foundation  
"Science and Society: The Changing Relationship"



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

All lectures will be held in the Recital Hall of the Staller Center for the Arts. The Distinguished Lecture Series is sponsored by the Office of the Provost and *Newsday*.



GABRIEL A. COONEY

## President Will Address Campus Community Sept. 11

University President John H. Marburger will deliver the annual Convocation Address on Wednesday, Sept. 11, at 12:30 p.m., during Campus Life Time, in the Recital Hall of the Staller Center for the Arts. His topic will be, "The Character of Stony Brook."

The entire university community is invited.

## Controversial Educator Opens 1991-92 Lecture Series

Jonathan Kozol, educator, civil rights activist and advocate for the homeless, will speak at the university on Thursday, September 12, at 8:00 p.m. in the Recital Hall of the Staller Center for the Arts. His talk, "At the Mercy of America: Education and the Accident of Birth," will be the first in this year's Distinguished Lecture Series, sponsored by the Office of the Provost and *Newsday*.

Born in Boston, educated at Harvard and Oxford, Kozol first rose to prominence with the publication of *Death at an Early Age* in 1967. The book presents a powerful indictment against urban public school education, based on Kozol's first year as a teacher in a predominantly black district in Boston. *Death at an Early Age*, now regarded as a classic by educators, won the National Book Award in Science, Philosophy and Religion, and has sold over two million copies.

His book, *Illiterate America* (1984), focuses on adult illiteracy, and galvanized educators and politicians to take action to combat the problem. His most recent book, *Rachel and Her Children: Homeless Families in America* (1988), portrays the day-to-day struggle of residents of a shelter in New York City. Kozol won the World Hunger Media award for this book and donated the prize money to the family on which it was based.

Kozol has taught at Yale University, Trinity College and a variety of public schools, including South Boston High School. He has been awarded fellowships from the Rockefeller, Ford and Guggenheim foundations.

Additional speakers in the series this fall will be Geoffrey Fox, scholar, author, translator, who will discuss "Inventing America: 1492-1992," on Wednesday, October 2; Blandina Ramirez, director of Minority Concerns for the American Council on Education, will speak on Tuesday, October 8; and Barbara Garson, labor writer, educator, journalist and author, will speak on Thursday, November 14.

During spring semester, scholar Henry Louis Gates, historian Elizabeth Fox-Genovese, and physicist Walter Massey will present Distinguished Lectures.

## Opening Week Activities

The first days of the school year are packed with special events to introduce new members to the campus community and welcome back returning students, faculty and staff. See the calendar, pages 24-27, for details.

Wednesday, Sept. 4, for example, is Cultural Diversity Day, complete with a Speak Out open microphone session from 12:40-2:10 p.m. in the Fireside Lounge of the Stony Brook Union, followed by a Cultural Trivia Game at 2 p.m. and a party at 9 p.m.

The Student Union and Activities is hosting information booths at several locations to answer questions.

# Campus Life Time

Campus Life Time, the 90-minute activity period every Wednesday from 12:40 p.m. to 2:10 p.m., resumes this month with a long list of events (see calendar, pages 24-27). During Campus Life Time (CLT) no classes are scheduled, so that students, faculty and staff can participate in symposia, programs, social gatherings, cultural performances and recreation.

Last spring semester when CLT began, over 130 events were scheduled, averaging 10 each Wednesday. This fall, program planners are encouraged to schedule special events on the second and fourth

Wednesdays, and to hold meetings on the first and third Wednesdays of each month. Following this guide will minimize schedule conflicts and allow members of the university community to participate in both meetings and programs.

CLT is coordinated by the Department of Student Union and Activities. To have a CLT event listed on Electric Currents or in other campus media, please complete the attached form and send it to the Department of Student Union and Activities, 266 Stony Brook Union, at least three weeks prior to the date of the event.

## Coming Event- Campus Life Time

Title of program \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_

Location \_\_\_\_\_

Description of activity \_\_\_\_\_

Sponsors \_\_\_\_\_

Audience (check all that apply)  Students  Faculty/staff

Admission  No charge  Admission fee

For more information, contact:

Name \_\_\_\_\_

Department/Organization \_\_\_\_\_

Campus phone \_\_\_\_\_

## Heart Association Awards Grants to Four Scientists

Four faculty researchers have received 1990-91 American Heart Association research awards.

They are Debra French, assistant professor of pathology; Martha B. Furie, assistant professor of pathology; Richard Mathias, professor of physiology and biophysics; and David Watkins, research assistant professor of pharmacology.

French received a \$40,000, three-year grant to develop human monoclonal antibodies to platelet surface proteins. French hopes the research will lead to the monoclonal antibodies being used in the diagnosis and treatment of heart disease, such as preventing clot formation in patients who have undergone heart attacks or balloon angioplasty.

Furie received a \$40,000, three-year grant to study how white blood cells leave the bloodstream and enter bodily tissues in areas of infection and inflammation. In coronary heart disease, white blood cells abnormally accumulate in the heart's vessel walls. This is believed to be the start of hardening of the arteries, one of the conditions that may lead to a heart attack. By studying normal function, Furie hopes to understand the abnormal process that occurs in diseased hearts.

Mathias received a \$40,000, three-year grant to study the role of certain proteins in the heart responsible for the heart's electrical properties. These proteins are important in the understanding of how the heart works and in the treatment of heart disease.

Watkins received an \$80,000, two-year grant to study G-proteins, which play a role in heart failure. In some cases, an increase of G-proteins are found, while in other cases there is a decrease in certain G-proteins. Watkins will study the function of G-proteins to determine whether they are part of the cause of heart failure or the result of it. The research will eventually help in developing better treatments for heart disease.

"We're going to get students on a fast track to the School of Medicine," says Aldustus Jordan, associate dean of student affairs at the School of Medicine and co-director of the project. Nationally, the medical school enrollment of minority students, particularly African Americans, Latinos and Native Americans, has been on the decline. "Many minority students are not exposed to math and science early in their educational careers," says Jordan. "We hope to help remedy that situation."

The project, dubbed "TEAM" (Towards Early Admission to Medicine), was funded by a federal grant through the New York State Department of Education. The project was administered by the university's School of Medicine and the Science Technology Entry Program (STEP), an ongoing university-public school partnership program.

TEAM students were selected from the Longwood and Brentwood school districts, two of the six districts served by the STEP program. Their selection were based on recommendations by school and community personnel.

From July 7 to August 2, students studied math, science and a medical ethics course in the morning followed by laboratory work in the afternoon. University medical students and faculty, who served as mentors for the students, assisted.

In October, another group of 20 Longwood and Brentwood students will begin the second round of the program, to be held on Saturdays throughout the school year. Upon successful completion of the TEAM program, participating students will be assured admission to the university.

Co-director of the project is Lucille Gluck of the university's STEP office.



Kelly Herring, a junior at Longwood High School, examines film with research scientist Leeann Austin.

## Research Brings Students and Teachers to Campus

A six-week program designed to give high school science teachers and minority high school students a chance to get hands-on experience in scientific research was offered from July 7 through August 16 at Stony Brook.

Supported by a grant from the National Institutes of Health, the Minority High School Student Research Apprentice Program (MHSSRAP) allowed 20 students and four teachers from the Long Island/New York City area the opportunity to work closely with Stony Brook faculty from the School of Medicine, School of Dental Medicine and Division of Life Sciences.

"The purpose of the program is to provide students with a meaningful experience in various aspects of health-related research in order to stimulate their interest in careers in science," explains Wendy Katkin, associate dean for arts and sciences and coordinator of MHSSRAP.

"At the same time, the high school teachers have the opportunity to update their knowledge and skills in modern re-

Sally Shakun was installed for a second term as president of the University Hospital Auxiliary during the annual meeting in August. She holds a basket of flowers presented by William T. Newell, executive director of University Hospital. The auxiliary donated over one-half million dollars to the hospital this past year.



HEC MEDICAL PHOTOGRAPHY

search tools and techniques. Such a research experience should strengthen their teaching skills and create a renewed sense of the excitement of research, which should stimulate their students to pursue scientific careers," she said. The longer range goal of the program is to establish year-round links between science teachers, secondary school students and biomedical researchers, Katkin adds.

Students selected for the program lived on campus from Monday through Friday each week. They served as apprentices in health-related research laboratories, working with faculty, graduate students, a high school science teacher and other high school students.



Dr. Michael Viola

## Visit to War-Torn Iraq

Michael Viola, professor of medicine and microbiology at the School of Medicine, visited Iraq in the wake of the Persian Gulf War and found widespread sickness and severe malnutrition, particularly among children.

Dr. Viola and a team of two other physicians, a videographer and a translator spent a week in Baghdad, inspecting conditions in several hospitals and examining hundreds of sick and dying children. The "Medicine for Peace" team reported that outbreaks of typhoid fever, viral hepatitis and meningitis were by-products of the bombing of the city's sanitation system. They also said that vital medicines were not reaching the children because economic sanctions froze Iraqi assets and prevented Iraq from selling oil. The team called for the lifting of the United Nations embargo.

Dr. Viola received widespread media attention over the summer after the team's report, "The Health Crisis in Baghdad," stated that Iraqi children were dying long after hostilities had ceased. *World News Tonight*, *CBS This Morning*, local CBS news, *The New York Times*, *USA Today*, *Newsday*, *Long Island Catholic*, *National Catholic Reporter*, *Associated Press* radio, *Reuters* and the local press all covered the story.

"The problem's horrible," Viola said in a *USA Today* story. "Hospitals are collapsing...We saw kids essentially just dying in front of our eyes. We saw a lot of kids who were terminal from diseases that were easily cured if sanctions were not in place."

The report, released in June, has been entered as an official U.N. Security Council document. Since the release of the report, the Bush administration has decided to support a French proposal to allow Baghdad to sell oil under strict United Nations supervision to pay for food.

In other developments, Viola, working with the humanitarian group called Healing the Children, has brought a 9-month-old Iraqi girl to University Hospital for cardiac surgery. He also plans to meet with governmental and non-governmental organizations at the U.N. to air a documentary on his findings.

## University Hospital Expands Cystic Fibrosis Services

Two additional beds for adult cystic fibrosis patients have been added to the pediatric beds currently in use for patients with cystic fibrosis at University Hospital.

The first in Suffolk County to be approved by the Cystic Fibrosis Foundation as a total patient care, teaching and research center, the University Hospital program is one of 127 approved centers nationwide.

Cystic fibrosis is the most common hereditary disease in the United States, occurring in approximately one in every 2,000 Caucasian births. While 30 years ago cystic fibrosis was a pediatric disease with limited life expectancy, today 80% of patients are reaching adulthood.

At Stony Brook, advances are being made in the alleviation of signs and symptoms through antibiotics, nutritional support, vitamin supplementation and pancreatic enzyme therapy. Respiratory chest therapy, physiotherapy and prophylactic immunizations are frequently necessary.

Research efforts at Stony Brook include studying the role micro-organisms play in the development of chronic lung disease, determining the effectiveness of aerosol antibiotic regimens and using a new form of chest physiotherapy called "autogenic drainage" to replace conventional chest physiotherapy. Genetic counseling is another component in the care of the cystic fibrosis patient. A support group meets monthly in the hospital to assist patients and family to cope with the disease.

Drs. Walter J. O'Connor and Joan DeCelle-Germana direct the program in cystic fibrosis through the Department of Pediatrics in the School of Medicine at Stony Brook. Other team members include nurses, respiratory therapists, nutritionists and social workers.

## New Directory Lists Medical Services

A new and comprehensive guide to diagnostic and treatment services by faculty at the School of Medicine, School of Dental Medicine and University Hospital — the principal site of services for the medical school faculty — is now available to the public.

The *Stony Brook Directory of Physicians and Services*, published by physicians at the School of Medicine, reflects the faculty physicians' commitment to the needs of the Long Island community. The 72-page guide, developed to facilitate access to medical services, has been distributed to physicians in Nassau and Suffolk Counties.

USB's goal is to deliver high quality medical care and educate new generations of doctors, nurses and allied health professionals.

## Encouraging Minority Students to Study Medicine

A program designed to encourage minority students to become physicians brought 30 Long Island high schoolers to Stony Brook this summer, where they followed a rigorous schedule of courses that may lead to admission to the university and, eventually, to the medical school.

# Dance Moves Into Theatre Arts

*"We are primarily concerned with having our students learn to appreciate dance by entering into it. They learn about the art and they learn about themselves through dance. It provides an intellectual, physical and social challenge. Dance isn't just moving to music. It touches every element of life."*  
— Amy Sullivan



Amy Sullivan practices in the dance studio.

By Gila Reinstein

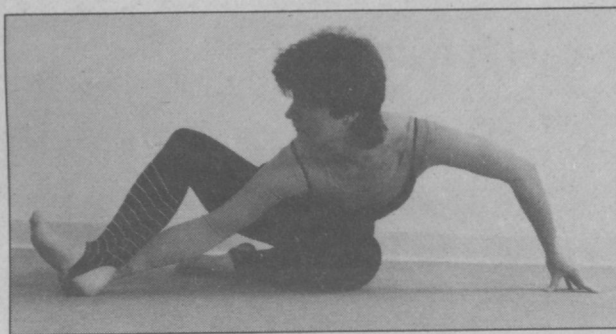
After years of discussion and months of negotiation, the university's dance program has moved from the Department of Physical Education and Athletics into the Department of Theatre Arts.

"Theatre and dance are more alike than different," says Farley Richmond, of the Department of Theatre Arts. "This move will provide opportunities for students interested in both theatre and dance. We hope in the future to create — and promote — a dance minor within the Department of Theatre Arts."

"Dance had evolved very far in physical education, but it became clear that in order to continue to fulfill its potential, it had to make a change," says Amy Sullivan, associate professor of dance. "Moving to theatre is a chance for us to move ahead."

Both Richmond and Sullivan praised the cooperation of the physical education department faculty and university administration for facilitating the change. "The physical education faculty is to be applauded here," says Richmond. Sullivan adds, "John Reeve's goal was to see dance flourish on our campus."

Reeves, former director of physical edu-



cation, says, "The Division of Physical Education and Athletics initiated the discussions that led to the move of the dance program because it is the opinion of the professionals in dance and other members of the Division of Physical Education and Athletics that development of the dance program will be facilitated in Humanities and Fine Arts. Our students and the entire university will benefit. The dance program will have access to the numerous, marvelous spaces in the Staller Center. The dance professionals will also benefit from collaboration with faculty in theatre, music and the performing arts. These factors will combine to make dance a more meaningful experience for our students."

The dance program will set up office headquarters in the Theatre Arts section of the Staller Center for the Arts, but maintain

its studio in the Indoor Sports Complex.

Theatre arts already offers courses in movement for actors. "We're going to treat dance like acting," says Richmond. "Both are performance activities."

At Stony Brook, says Sullivan, "We use dance as an educational tool. We are not creating the next generation of performers for the Joffrey Ballet here, although some of our dancers may go on to performance careers. We are primarily concerned with having our students learn to appreciate dance by entering into it. They learn about the art and they learn about themselves through dance. It provides an intellectual, physical and social challenge. Dance isn't just moving to music. It touches every element of life." She speaks of dance as both a performing art and an academic subject that deals with society and culture in the broadest context.

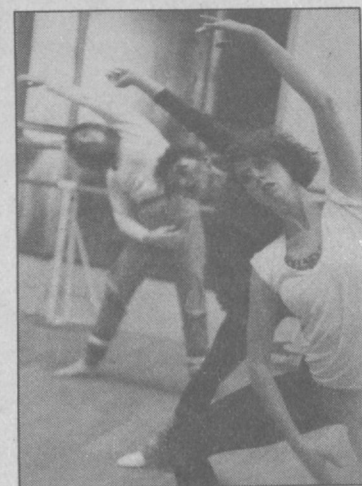
According to Richmond, theatre arts and dance share similar philosophies at Stony Brook, both emphasizing their

place within a liberal arts education rather than focusing on narrow, technical elements of technique and craft.

The dance program currently has two full-time faculty members, Sullivan and Randy Thomas, assistant professor. Each semester eight to ten courses are offered and 175-200 students sign up. Courses include techniques of modern dance, jazz dance and ballet (offered on beginning, intermediate and advanced levels) as well as choreography, performance technique, 20th-century dance appreciation, and movement awareness and analysis.

Future plans call for dance performances with theatre arts students assisting with costumes and lighting, just as they do for plays. A student ensemble dance concert is planned for Fall 1992.

"We're on the verge of a lot of possibilities. We see this as a window opening that will change our way of interfacing with dance. This will provide theatre arts students with a new sense of understanding about human bodies and movement," Richmond says.



Dancers at the bar.

# Dialogue with the Mysteries of Life

Kay WalkingStick is a member of the New York Chapter of the Women's Caucus for Art and the Cherokee Nation of Oklahoma.

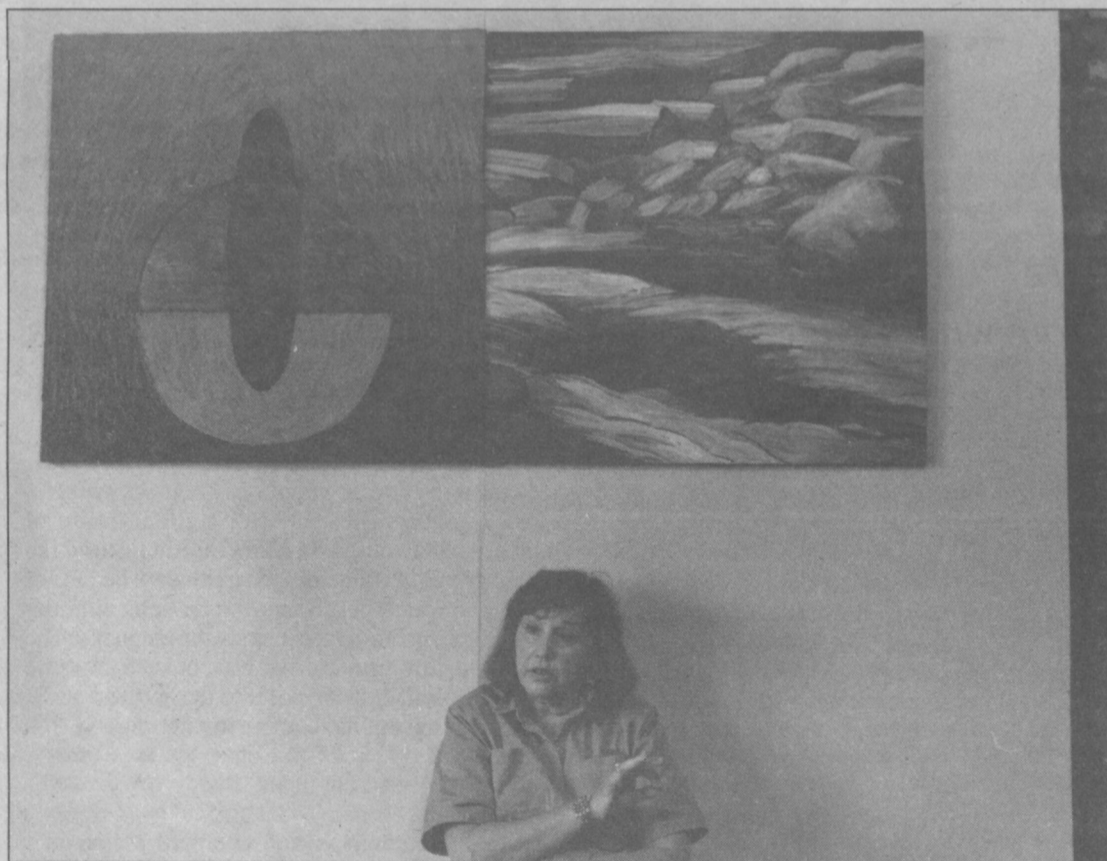
She joined the faculty at Stony Brook in September, 1990, as an assistant professor in the Department of Art. She has taught and lectured widely — at Cornell and Ohio State; in Albany, New York; Boulder, Colorado; Burlington, Vermont; Stillwater, Oklahoma — at museums, galleries and universities across the country. Her art work is well known and much sought after.

Paintings by WalkingStick are included in the permanent and corporate collections of the Israel Museum (Jerusalem), the San Diego Museum of Fine Arts, the La Jolla Museum of Contemporary Art, the Heard Museum (Phoenix, Arizona), the Nabisco



In her studio, Kay WalkingStick

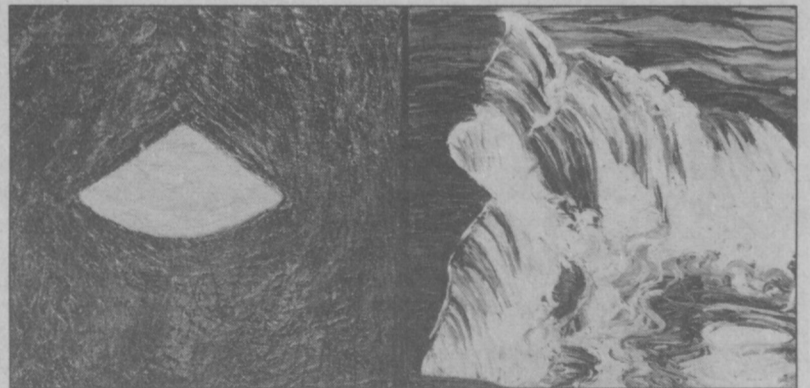
MAXINE HICKS



Kay WalkingStick talks about art-making, against the background of "Night," 1991, acrylic, wax, and copper on canvas (left), and oil on canvas.

*"The great trick is to live creatively. That's what education is all about: enriching our lives, learning to live creatively."*

JON REIS PHOTOGRAPHY



1989 Diptych, painted in Ithaca

World Headquarters, Prudential-Bache of New York City, and more. She has had 15 solo exhibitions in the last 15 years, and her work has been included in 18 group shows within the past five years. She has won numerous honors and awards, including a National Endowment for the Arts Visual Artist Fellowship in Painting and a Danforth Foundation fellowship.

She shares with *Currents* some thoughts about life as an artist and teacher at Stony Brook.

**CURRENTS:** Why did you become an artist?

**KAY WALKINGSTICK:** Being an artist is certainly one of the most fulfilling professions. I'm an artist because it takes care of a lot of my needs. It is intellectually challenging, creatively satisfying, physically demanding, and it has a healing quality.

**CURRENTS:** What makes art important?

**WALKINGSTICK:** Art, like philosophy, is a way to think about life and death and everything between. It's a method of philosophy, a visual rather than a verbal language. And it is mythic, in the sense that it answers the unanswerable questions, as myth does. Art is a dialogue with the mysteries of life.

**CURRENTS:** Can art be taught?

**WALKINGSTICK:** Why not? We can teach people to think about art the way we teach them to think about philosophy or metaphysics. We can teach techniques, and we can certainly teach people to draw. It's more difficult to teach creativity. I'm not really sure that creativity is teachable, but we can teach ways to approach creativity.

Art carries content through formal means rather than pictorial. Even in great pictorial art, the true content is expressed formally through surface, colors, shapes. You can teach people to see that, and to analyze what they see. And they can learn to analyze their own work in the same way.

Students can understand what is valid and invalid in what they do. You can teach them to recognize authenticity. Art has to be honest.

**CURRENTS:** What place do you feel art should have in a college education?



*"Painting is so difficult! There is the continual intellectual pressure to overcome this medium that fights me, or to overcome the problem I have set myself, or to speak to people in a way that has meaning for me and for them."*

**WALKINGSTICK:** It's important to study art because it offers a different way of thinking from what is taught in most other disciplines. We artists teach students how to think visually. That is a great gift. Image-making is a skill that we all have, and it can be developed. A lot of problem solving can be done visually, even for those who are not going to be able to create art.

The great trick is to live creatively. That's what education is all about: enriching our lives, learning to live creatively.

**CURRENTS:** Does an artist see through different eyes than a nonartist?

**WALKINGSTICK:** Artists tend to see the whole picture. I see globally, that is, I see the whole scene — the whole picture — and I think that's a valuable thing. Artists think differently about problems. They go around a situation, or see a situation as a whole; they take "end runs." When I make art, I always try to find the best solution to a problem, then repeat it with another solution and another, and so on.

**CURRENTS:** How would you describe your work?

**WALKINGSTICK:** For years, I painted abstract works. For the past six years I have been painting diptychs. One panel of the diptych is object-like, the other, illusionistic. A lot of things are going on in these diptychs for me — memory, perception, philosophy, myth.

I try to create unity where most people see dissimilarity. I use abstraction and representation, which I don't see as dissimilar. I search for internal harmony. At the core, it's a search for balance in life, between the visual and the nonvisual. I see forms and shapes as well as ideas and things. Robert Irwin once said, "Seeing is forgetting the name of what you see."

My favorite painting in the Met is Manet's "The Dead Christ with Angels." In that painting, Jesus is flanked by two purple and blue angels. The body of Jesus is extremely foreshortened, one arm slightly raised, one foot slightly lifted. I love that painting — its colors, its static composition. Manet has painted that moment when the flesh becomes spirit, that moment between corporeality and incorporeality. I think that's what my paintings are about: a search to try to make spirit of the visual. I'm not at all sure it's possible, but the challenge is what is so entrancing about it.

**CURRENTS:** For the illusionist panel of your paintings, the section that, in some of your recent works, suggests water flowing over rocks, do you work from photographs?

**WALKINGSTICK:** I work from sketches and composite photographs. I like rocks. I like water. I painted a lot of water in Ithaca [while teaching at Cornell]. I don't particularly like to paint green places. Rolling hills and trees are boring forms. Trees are fluffy. I like them naked, when they have lost their leaves.

**CURRENTS:** How do you feel when you finish a painting?



Kay WalkingStick

*"It's important to study art because it offers a different way of thinking from what is taught in most other disciplines. We artists teach students how to think visually. That is a great gift."*

**WALKINGSTICK:** Great, but no matter how successful a piece is, it is never quite perfect. When I finish, there is always the feeling that I could do another, and do it differently. Painting is so difficult! Art-making is so difficult. There is the continual intellectual pressure to overcome this medium that fights me, or to overcome the problem I have set myself, or to speak to people in a way that has meaning for me and for them.

**CURRENTS:** Do you encourage students to become artists?

**WALKINGSTICK:** No. Unless they cannot in their hearts and souls do anything else but make art, they should not become artists. I take art very seriously. Becoming an artist is like going into the priesthood. You almost have to take vows — vows of poverty, certainly. You have to be willing to give up a lot of what other people take for granted. For example, you have to be willing to work for 12 hours a day. This is a serious business, not to be entered into lightly.

On the other hand, I treat all my students as if they are all going to be artists.

**CURRENTS:** How important is your Native American heritage to you?

**WALKINGSTICK:** Very important. I was raised in Syracuse, New York, by my mother who was Scotch-Irish. She and my father had separated before I was born. He was Cherokee, and part Winnebago. It was very important to my mother that we see ourselves as Indian and be proud of it. She always talked of it.

My mother, who raised five children alone, was a rock in many ways, but in other ways, very fragile, very Victorian. You could think of my background as that of a Jewish

youngster raised in Denver without any contact with Hebrew school or synagogue, but with a strong sense of Jewish identity from being told about family history, the Holocaust, pogroms, traditional foods, rituals. The idea of being Indian permeated our lives, even though culturally we didn't celebrate the festivals or study the language. The Jewish kid could grow up and drift away, or keep the same level of identification, or draw closer to the heritage, as he chose. I chose to find out more about my heritage.

**CURRENTS:** Is your art political?

**WALKINGSTICK:** As it says in [Bernard Malamud's novel] *The Fixer*, we're all political. Getting out of bed is sometimes a political act. I have not been actively political in my art, but recently I've been somewhat more so. In my painting, "Where Are the Generations," I've included words:

*In 1492*

*We were twenty million.*

*Now we are two million.*

*Where are the generations?*

*Where are the children never born?*

There was genocide here. Many people don't realize the extent of the murder of the indigenous people in the United States. It is only now being openly addressed by historians.

The problem with political painting is that it's easier to reach people with words...although paintings say something words cannot say.

This year I've had more invitations than ever to exhibit my work. I think it has a lot to do with the coming quincentenary of Columbus's voyage to America. Because I'm identified as part Native American, my art is suddenly sought out. I want the attention because I'm a good artist, not because it's politically correct in 1992! But the world is always influenced by things like politics and gender.

# Works in Progress: *Trial by Performance*

By Wendy Alpine

For some, it's a chance to be recognized for a major university production. For others, it's a way to try their hand at directing. And for others, it's an opportunity to have their plays read and critiqued by faculty and students.

It's all part of the Works in Progress (WIP) theatre workshop, run by graduate students at the University at Stony Brook's Theatre Arts Department.

In its third year, WIP provides a forum for undergraduates and graduates to work together. New student-written plays go through a committee's selection process, are read by student actors and then critiqued by the audience. A faculty moderator guides the audience participation.

Bill Kneissl, a junior theatre major who has directed two plays and read for five, says WIP is a good way to get recognized as an actor by faculty and student directors.

"The directors see your face; it's like an audition," says Kneissl, who was spotted at a WIP production and later cast in three major university productions.

WIP was started by former graduate students Leonard Pinna and Nance Daniels Maiorino, with assistance from Terri Kent, assistant professor and former director of undergraduate studies for the Theatre Arts Department.

"It started out as a way of bringing new blood into the department," says Pinna, who recently graduated with a master's degree in dramaturgy. "We were doing revivals. But students are interested in what's coming out among themselves. WIP encouraged the need for experimentation and writing your own material."

Such was the case for Erika Spiewak, a returning student,



Lisa Pinna performs a work in progress.

who had her first finished play performed by WIP actors. As a result of WIP, the play *Kaleidoscope Lady, A Play with Music*, was performed at the SUNY Playwriting Workshop in Binghamton, where it was critiqued by professional playwrights, including Rupert Holmes, author and composer of *The Mystery of Edwin Drood*.

Spiewak's play was viewed as one of the most outstanding entries, Pinna says. She is now preparing it for the Women's Project in Manhattan.

"It's so important for a playwright to get her play on its feet," says Spiewak, who is also the mother of three grown children, an Equity actor, musician, songwriter and part-time mammography technician. "WIP allowed me to do this."

*Kaleidoscope Lady* is a one-woman play with seven songs about an actress who is struggling with life's challenges after leaving her husband and children. She calls upon Nora from the Henrik Ibsen play, *A Doll's House*, who comes to her aid and becomes part of her character.

When the play was first read by WIP actors, the audience suggested it be read by two separate characters, Nora and the actress. "But that didn't work and I was able to go on with my original idea with more confidence," Spiewak says. She received other criticism, including that the play's opening was weak and that some people thought the character was schizophrenic. She decided to change the opening, but left the character as is.

"Playwrights in the Theatre Arts Department don't realize the importance of WIP," says Spiewak. "It's a frightening experience to have your play read and criticized. But with WIP, it's done in a positive atmosphere."

John Luitertbie, the Theatre Arts Department's director of graduate studies, says WIP has been "a successful program." In the future, he hopes to bring in scripts from playwrights outside the university and present written feedback to the playwright.

## ALUMNI PROFILE



Leighton Coleman III

By Carole Volkman

Leighton Coleman III (B.A. '87) is an unpretentious person. You can see it in the carefree look of his menswear designs and the whimsy of his award-winning lobster costume. That costume garnered the Gold Thimble Award from Parsons School of Design last spring and earned itself a place in the fashion section of *The New York Times*. It had a three-week run in Bendel's window and brought recognition to Coleman in a number of the industry's best-known periodicals.

"Fashion is not about money. It's about putting things together in a way that looks great," says Coleman, who takes in stride all the hoopla over his lobster costume design. Coleman says his inspiration for fashion design came from the Department of Theatre Arts costume designer Joan Wing.

"I was walking past the theatre department one day and saw that what they were doing was very exciting," says Coleman. He signed up for Wing's class and found there was only one other student taking the course. "It was

## Designing the Lobster Suit

The experience with Wing soon turned into his big break. When the Bach Aria Group needed costumes for their presentation of the opera, *Phoebus and Pan*, Coleman went to work. He designed and constructed costumes for six main characters and 30 chorus members. All the costumes were true to the ancient Greek period and discreetly geared to the needs of the performers: Coleman purposely designed them to hide the hefty physiques of many of the singers.

By this time he was hooked on fashion design. He graduated Stony Brook with a major in art history and enrolled at Parsons, where he studied under designers Jeffrey Banks, Bill Robinson and Donald Brooks.

Menswear became Coleman's specialty, and his portfolio is filled with sketches of large, boxy jackets and cropped cotton sweaters worn over loose-fitting, high-waisted slacks. For evening, Coleman turns his leisurely plaids, checks and herringbones into elegant ensembles by adding a touch of black to the outfit—a dark shirt or velvet collar, for example—along with additional detailing, such as quilting or a bit of fur.

The lobster costume is another story. It was part of a project required of all Parsons seniors. Each student had to design and construct a winter outfit, a summer outfit and a

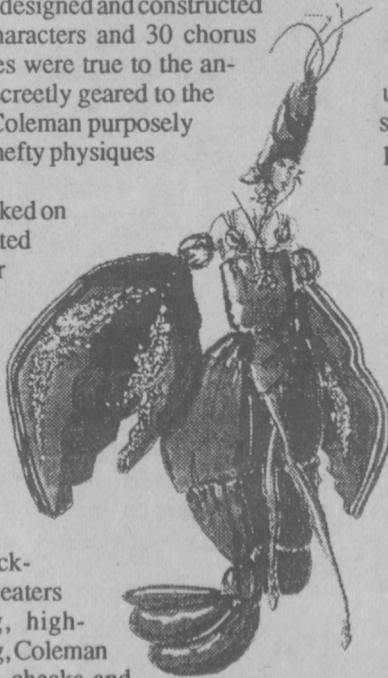
costume to be modeled before 1,200 people at a fundraiser at Manhattan's Marriot Marquis. This year, the theme of the costumes was suggested by Brooks, who asked the students to combine motifs of the 1920s, the Ziegfeld Follies and animals.

Coleman says he chose a lobster because he found it unabashedly sexy—fiery red, sleek, stately and erotic in shape. The costume, made of red silk charmeuse, has a plastic lobster on the bodice, foam claws over two feet long, and a headdress. "We had the only cooked animal in the show," says Coleman, who was one of 16 students out of a class of 66 to win the Gold Thimble award.

Right now costumes are a small part of Coleman's repertoire. He works on menswear fashions for Ensign, a small Manhattan design group, but hopes eventually to achieve his true ambition: to design costumes for the movies.

In the meantime, Coleman lives in an upper East Side Manhattan apartment that's filled with antiques and old family photos. During most weekends, he returns to his grandfather's Stony Brook farm. The farm, one of the last parcels of the original Smith family land, holds warm childhood memories for Coleman.

"I loved coming to the university," he recalls, but notes that during his own undergraduate days, some students had difficulty getting to know one another. "In life, you realize that you want to be surrounded by genuinely nice people," he says, and suggests that students find friends who listen to the same music they do. "Music transcends everything, and you are bound to run into people with common interests simply because you share interests in the same type of music."



## On Stage at Stony Brook

By Sue Risoli

The Department of Theatre Arts has always been committed to helping students learn by doing. This semester, those students have even more opportunities, as acting chair Tom Neumiller describes it, "to put their knowledge on the line through performance."

For the first time, the department will restage a production in the fall that already had a summer run. *The Dining Room*, returning to Theatre One of the Staller Center for the Arts with the same cast (different stage crew), will run Sept. 19 through 22 and Sept. 26 through 29.

"It's almost like a preview experience in the professional theatre, where audiences look at a play, come back and have an opening night," says director and assistant professor of theatre Loyce Arthur. "It's a unique opportunity for the cast to step back and approach it again." Bringing back a show with some kinks already ironed out, she adds, is an experiment designed to create more time in the fall season.

The play is a comedy-drama of manners; a look at growing up and growing old in a family whose values evolve over time. Arthur calls it "a bitter-sweet story about connections and relationships."

"This play grew on me," she declares. "It approaches the characters with a critical eye, but also with a lot of sympathy." With 18 scenes and 45 roles ranging from six-year-old children to 70-year-old grandparents, "this is definitely an actors' play."

*Tracers*, the fall season's next offering (Oct. 24 through 27, Oct. 31 through Nov. 3), offers a powerful look at the Vietnam war as written by Vietnam veterans. The all-male ensemble was to be directed by Terri Kent, who has since left the university (new director to be announced, says Neumiller.) Kent, who developed the play for production at Stony Brook, calls it "particularly timely, coming so soon after war in the Persian Gulf."

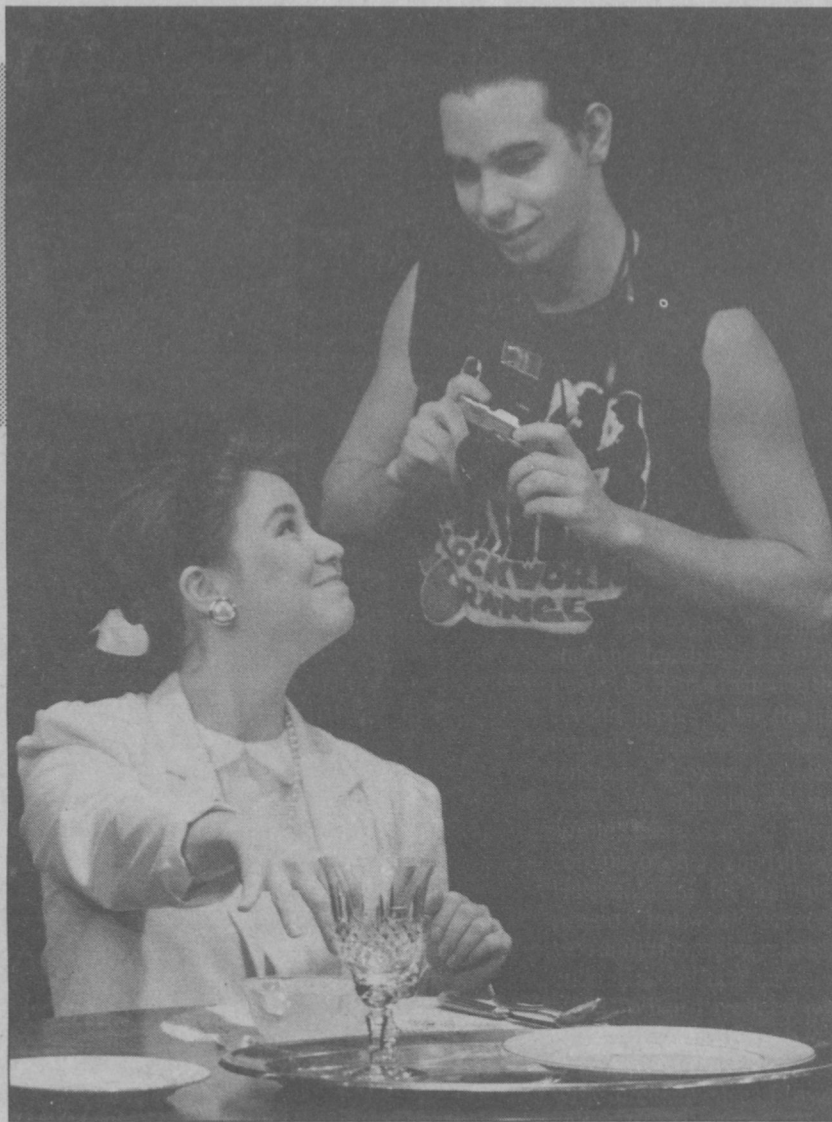
"Students enrolled in universities now don't really remember the Vietnam War," she says. "It's easy to be pro-war, to celebrate it, when you're not familiar with it."

*Tracers* is a collection of experiences that are starkly realistic, yet portrayed in a theatrical style. "There's no set sequence of events, no continuity of time," says Kent. "The play relies a great deal on physical movement to suggest a trek through the war: in boot camp, in the jungle, on body bag detail."

The name "Tracers" comes from the last few rounds of ammunition fired by an M16 rifle. Tracer rounds give off light to let soldiers know that their ammunition is about to run out. Kent sees it as a metaphor for "the terrible impact this war had on a whole group of American men, some of whom felt that they'd run out of psychic ammunition."

The third play in the fall series is not actually a play, but a performance piece to be developed collaboratively between performers and director/assistant professor John Lutterbie. Lutterbie calls *The Unclean* (to run Nov. 21 through 24, Dec. 5 through 8) "an investigation of ghettoization in various forms."

"It's about the way we separate ourselves from people, the way we isolate others because they're different from us," he explains. "It will spring most directly from social



MIKE PITROSKA

*"It approaches the characters with a critical eye, but also with a lot of sympathy."*

—Loyce Arthur

and political issues raised by AIDS, but we won't limit ourselves to that. We could also expand to such questions as racism or sexism or class distinctions...it depends on where the process takes us."

Actual writing of the play will come from personal experiences of the cast, explored through workshops and improvisation. "We hope to include a lot of movement, dance and music," says Lutterbie. "We would also like to collaborate with people outside the theatre department—multiethnic people, those with different sexualities, anyone interested in exploring these issues with us."

Such a process could be "tricky," he admits. "We must make sure we don't take a superior attitude to the audience. We will acknowledge our own complicity in the situations we're presenting. Together with the audience, we hope to peel away layers until we share a certain core experience that could be very powerful."

Another new experience for actors and audiences will be the use of festival staging for some of this year's productions. An arrangement of seating around three sides of the stage, festival staging brings audiences closer to the actors for a more intimate kind of theatre. "It creates a different kind of interaction, an empathy between audience and cast," says Rich Dunham, director of production.

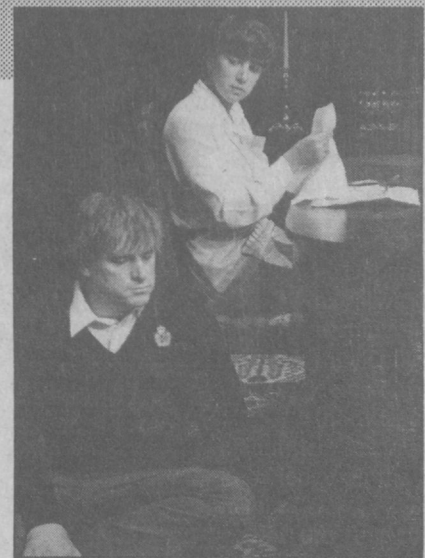
"It's also an interesting way to train students. There's an awful lot of festival staging done in professional theatre, as opposed to proscenium seating—what we think of as 'normal' seating on one side looking at the stage on the other—or 'black box theatre' where seating is completely flexible."

The shows slated for festival staging this fall, says Dunham, are *The Dining Room*, *The Unclean*, and *Tracers*, with Milcha Sanchez-Scott's *Roosters* and Shakespeare's *The Tempest* to be presented in festival staging during spring.

Auditions for *Tracers* and *The Unclean* will be held Sept. 10, 11 and 12. For more information on auditions or ticket subscriptions, call the Department of Theatre Arts at 516-632-7300. For individual tickets, call the Staller Center for the Arts Box Office at 516-632-7230.

## THEATRE 1991-92

Left: Valerie Clayman as Aunt Harriet looks up at Brian Kendel as Tony in *The Dining Room*. Right: Don Graham plays Michael and Cheryl Manne plays Aggie in a scene from *The Dining Room*.



MIKE PITROSKA

### FALL SEASON:

*The Dining Room* by A. R. Gurney, directed by Loyce Arthur. Sept. 19-22, Sept. 26-29.

*Tracers* by John DiFusco and The Original Cast, director to be announced. Oct. 24-27, Oct. 31-Nov. 3.



Loyce Arthur

*The Unclean* by theatre arts students and faculty, directed by John Lutterbie. Nov. 21-24, Dec. 5-8.

### SPRING SEASON:

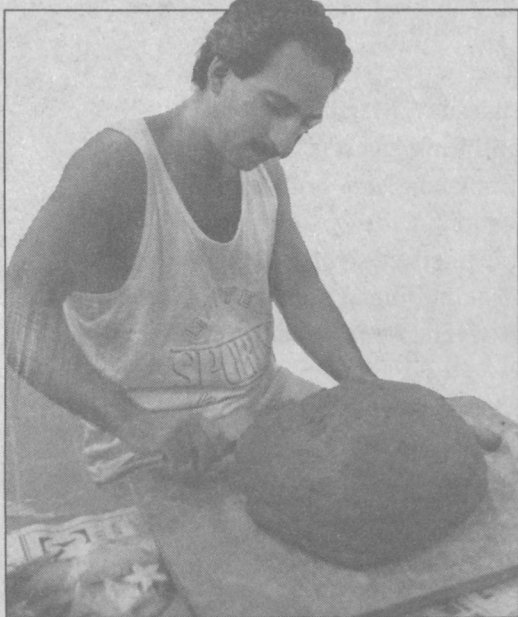
*Roosters* by Milcha Sanchez-Scott, guest director to be announced. Feb. 27-March 1, March 5-8.

*Hair* by Gerome Ragni, James Rado and Galt MacKermot, directed by John Cameron. April 9-12, April 14-19.

*The Tempest* by William Shakespeare, directed by Tom Neumiller. April 30-May 3, May 7-May 10.

Thursday, Friday and Saturday performances are at 8 p.m. Sundays at 2 p.m. Subscriptions are \$40 for six productions; students and senior citizens, \$31. For tickets, call the Staller Center Box Office at 516-632-7230.

## Crafts Center Courses Resume



Alan Sparago shapes clay during a summer course at the Union Crafts Center.



Rinsing her print, Jackie Guzzo works in the photography studio.



Instructor Mena Romano demonstrates clay technique for Lauren Garlick.



Miko Okazaki sets up the loom for weaving.

The Union Crafts Center will offer courses in photography, weaving, pottery, woodcarving, quilting, clay sculpture, drawing, basketry, and watercolor painting, beginning in September.

Leisure classes in bartending, scuba diving, wine appreciation, social dancing and T'ai'chi'ch'uan are also scheduled.

In addition, the center offers membership to those who want to work on their own in the ceramics, weaving and photography studios. The facilities are well equipped and well maintained.

Most Crafts Center courses meet in the evenings at the Stony Brook Union, and free parking is convenient. The Crafts Center is an excellent place to learn skills and experiment with arts, crafts and personal enrichment. All Crafts Center activities are open to the public, young and old, university members and community residents.

Non-instructional figure drawing from a live model begins Friday, Sept. 20, from 7:30 p.m. to 9:30 p.m. The fee is \$4, payable at the door. These open workshops will continue weekly to Dec. 14.

Scuba diving begins with a classroom session on Friday, Sept. 20, from 6 p.m. to 8 p.m. Regular classes begin Sunday, Sept. 22, from 6 p.m. to 9 p.m. in the Indoor Sports Complex and pool. This Scuba diving NAUI course will include open water dives to be scheduled after these sessions.

During the week of Sept. 23, pottery I and II, floor loom weaving I and II, basic photography, watercolor painting, intermediate black and white photography, and bartending classes begin.

During the week of Sept. 30, wine appreciation, social

dancing, quilting, woodcarving, clay sculpture, basic photography (second session), drawing and T'ai'chi'ch'uan classes start.

A one-day workshop in hearth basketry will be held Saturday, Nov. 4.

All courses except figure drawing require preregistration. For information and registration, call 516-632-6822 or 516-632-6828.

The Union Crafts Center is a program of the Department of Student Union and Activities, Student Affairs executive area at the University at Stony Brook.

## Humanities Institute Colloquia Begin September 19

The Humanities Institute of Stony Brook (HISB), now in its fourth year, will once again offer programs that promote interdisciplinary research. During the fall semester, faculty and visiting lecturers will address topics in science, cultural studies, women's issues and more. This year's film series, cosponsored by the HISB, will feature "Independent Filmmakers: Visions and Revisions."

The Faculty Colloquium Series starts the semester off. This series invites colleagues from different disciplines to exchange ideas: Richard Levine (English), "The Current Polarization of Literary Studies" on Thursday, Sept. 19 at 4:30 p.m., Frank Melville Jr. Memorial Library, E-4341; Oct. 10, Kay WalkingStick (art), "Paintings: 1975-1990"; and Nov. 20, Kathleen Wilson (history), "Empire of Virtue: Imperialism and Culture in Georgian England." Don Ihde, philosophy, and Carol Blum, French and Italian, are scheduled for the spring semester.

C.N. Yang, director of the Institute for Theoretical Physics, will speak this fall in the Researching the Reseacher Series (date to be announced). This series represents an important HISB initiative to reach out to the science community.

The Visiting Lecturer Series, "Issues in Cultural Studies," will deal with contemporary European and non-European approaches to the study of culture. The fall schedule includes: John Barrell, University of Sussex, England, speaking on "Imaginary Treason, Imaginary Law: the Treason Trials in England of 1794" (Thursday, Oct. 3, 4:30 p.m., Frank Melville Jr. Memorial Library E-4341); Jacqueline Rose, University of Sussex, England, on "Women and Psychoanalytic Inheritance: Melanie Klein and Anna Freud" (Friday, Oct. 4, 10:30 a.m., E-4341); Andreas Huyssen, Columbia University, on "The Museum

as Mass Medium" (Nov. 6); John Beverly, University of Pittsburgh, on "Cultural Politics in Latin America" (Nov. 14); and Valerie Smith, U.C.L.A., on "Telling Family Secrets: Narrative and Ideology in *Suzanne, Suzanne* by Camille Billops and James V. Hatch" (Dec. 5).

Sally Ruddick, professor of philosophy at New York University, will speak in the Feminist Studies Colloquium Series (date to be announced). Her work concentrates on maternal thinking, pacifist theory and feminist politics.

This year's Port Jefferson Village Cinema Film Series looks at "Independent Filmmakers: Visions and Revisions." The independent filmmakers' fresh, exciting and innovative imagery, as well as their willingness to take narrative and stylistic risks, has contributed to a cinematic renaissance in the United States.

First in the series is Mark Salzman's autobiographical *Iron and Silk*, on Monday, Sept. 16. Films are screened on Monday evenings from Sept. 16 through Dec. 2 at Theatre Three, 412 Main Street, Port Jefferson. A film festival will be inaugurated this fall (Oct. 5 & 6). Tickets are \$4/Monday nights; \$6 each day of the festival weekend; \$25/season pass; \$10/festival weekend pass. 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. This series is supported by grants from the arts council and the Suffolk County Office of Cultural Affairs. See separate listing for more details.

The Humanities Institute's spring schedule will bring eminent scholars to the campus through the Distinguished Visiting Fellows Program (Bruno Latour, Paris; and Sandra Harding, University of Delaware), the Resident Fellow Program (David Glover, The New School), as well as additional distinguished lecturers.

For further information, call 632-7765.

### The Port Jefferson Village Cinema

Screenings are at Theatre Three, 412 Main Street, Port Jefferson. \$4/Monday nights; \$6 each day of the Festival weekend; \$25/season pass; \$10/festival weekend pass. Fifteen per cent discount for seniors, students and members of the Greater Port Jefferson Arts Council.

Sept. 16	<i>Iron and Silk</i>	8 p.m.
	Mark Salzman plays himself in the film version of his award-winning autobiography.	
Sept. 23	<i>An Evening With Carol Saft</i>	7:30 p.m.*
	Award-winning Long Island filmmaker and environmentalist will screen & discuss her two documentaries. Free. Refreshments to be served.	
Sept. 30	<i>The Unbelievable Truth</i>	8 p.m.
	A fantastic, humorous love story filmed on Long Island.	
Oct 5 & Oct. 6	<i>1st Annual Film Festival</i>	11-6 p.m.
	The best of films screened in Sept., 1991 at the Independent Feature Market.	11-5 p.m.
Oct. 14	<i>Poison</i>	8 p.m.
	Winner of the Grand Jury Prize at the 1991 Sundance Film Festival	
Oct. 28	<i>Hanging with the Home Boys</i>	8 p.m.
	An hilarious comedy about four street-wise guys in the Bronx.	
Nov. 18	<i>Never Leave Nevada</i>	8 p.m.
	A film about life and love in a town sandwiched in between Death Valley and America's largest nuclear test site.	
Dec. 2	<i>Privilege</i>	8 p.m.
	A subversive, fictional piece about women and menopause.	

\*At the Port Jefferson Free Library.

# Musical Offerings

## Stony Brook Symphony Orchestra

Under the baton of maestro Bradley Lubman, the Stony Brook Symphony Orchestra will present six concerts this year, opening the 1991-92 season with Rossini's festive overture to *La Gazza Ladra* ("The Thieving Magpie").

The second concert of the season will bring to the Staller Center the world premiere of a new work by contemporary composer Charles Wuorinen. *Delight of the Muses*, commissioned by the New York City Ballet, is based on music by Mozart.

The Stony Brook Symphony Orchestra is an elite ensemble of graduate music students.

Saturday, Oct. 5

Gioacchino Rossini, Overture to *La Gazza Ladra*  
Robert Schumann, Symphony No. 1  
William Shuman, Violin Concerto

Saturday, Nov. 9

Ludwig von Beethoven, Overture to *The Creatures of Prometheus*  
Charles Wuorinen, *Delight of the Muses* — a world premiere.  
Igor Stravinsky, Suite from *The Firebird*

Saturday, Dec. 7

J.S. Bach, Cantata 61, "Nun komm, der Heiden Heiland"  
Igor Stravinsky, *Requiem Canticles*  
Arthur Honegger, *King David*  
Tim Mount, guest conductor. Featuring the Stony Brook Chorale and Camerata Singers.

Saturday, Feb. 22

Sheila Silver, *Dance of Wild Angels*  
Concerto to be announced  
Ludwig von Beethoven, Symphony No. 4

Saturday, April 11

Opera to be announced

Saturday, May 2

Josquin/Dufay, *Sacred and Secular Suite*, (arr. by Lubman)  
Concerto to be announced  
Felix Mendelssohn, Symphony No. 4 ("The Italian Symphony")

## Contemporary Chamber Players

The Contemporary Chamber Players (CCP) will perform five concerts during the 1991-92 academic year. Under the musical direction of Gilbert Kalish, professor of music; Raymond DesRoches, artist-in-residence; and Bradley Lubman, conductor of the Stony Brook Symphony Orchestra, the CCP will present an array of 20th century music from older classics to first performances of newly composed works. All performances are in the Recital Hall. Admission is free.

Wednesday, Oct. 30, 8 p.m.

New pieces by Stony Brook student composers

Wednesday, Nov. 20, 8 p.m.

Arnold Schoenberg, *Suite*, Opus 29  
Richard Felciano, *Shadows*

Wednesday, March 4, 8 p.m.

New pieces by Stony Brook student composers

Tuesday, April 7, 8 p.m.

Pierre Boulez, *Derive I*  
Olivier Messiaen, *Oiseaux Exotiques*

Wednesday, April 15, 8 p.m.

Five American Premieres (Preview Concert)  
Specially commissioned works by Kathryn Alexander, James Boros, Sandra Sprecher, James Mobberly and Steven Roens. This concert will be repeated April 22 at Merkin Hall, New York City.

## Organ Series

Sunday, Sept. 29, 7 p.m., Recital Hall

Russell Stinson, "The Young Bach and his Compositional Models"

Sunday, Nov. 3, 7 p.m., Recital Hall

Johannes Maria Bogner plays Bach, Handel, Frescobaldi, Froberger and Scarlatti

Sunday, Feb. 16, 7 p.m., Recital Hall

Natsuko Uemura plays Bach, Clerambault, Couperin, Frescobaldi, Muczynski and Takemitsu

Sunday, March 15, 7 p.m., Recital Hall

Eric J. Milnes plays Bach, Buxtehude, Couperin and de Grigny

## University Wind Ensemble

Artist-in-residence Jack Kreiselman directs these select musicians in popular programs.

Wednesday, Oct. 23, 8 p.m.

Gershwin, *An American in Paris*  
Loewe, *My Fair Lady*  
Clifton Williams, *Symphonic Suite*

Wednesday, Dec. 11, 8 p.m.

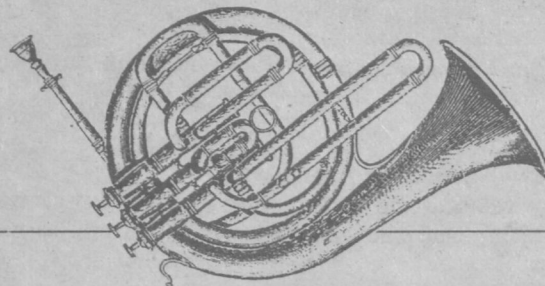
Florence Hechtel, mezzo soprano  
Richard Strauss, *Allerseelen* and *Morgen*  
Christmas Sing-along  
Gershwin, from *Porgy and Bess*

Wednesday, March 11, 8 p.m.

Bill Link, guest conductor  
Copland, *Outdoor Overture*  
Arnold, *Duke of Cambridge March*  
Siegmeister, *Prairie Legend*  
Walton, *Fanfare* and *Scotch Rhapsody*  
Rodgers, from *Sound of Music*

Wednesday, May 6, 8 p.m.

Bernard Jones, guest conductor  
Vaughan Williams, *Sea Songs*  
Gounod, Ballet music from *Faust*  
Tribute to John Philip Sousa



## Baroque Music

Monday, Nov. 25, 8 p.m., Recital Hall

Stony Brook Baroque Players  
Arthur Haas, director and harpsichordist  
Instrumental and vocal music of the 17th and 18th centuries

## Opera

Sunday, Nov. 24, 7 p.m., Recital Hall

Henry Purcell, *Dido and Aeneas*  
Stony Brook Opera Ensemble and Chamber Singers  
Marga Schoutens and Kevin Badanes, conductors

Saturday, April 11, 8 p.m., Main Stage

Opera to be announced  
Stony Brook Opera Ensemble and Symphony Orchestra  
David Lawton, conductor  
Gary Glaze, director

## Computer Music

Sunday, Oct. 13, 7 p.m., Recital Hall

20th-century classics and recent experimental works from the Stony Brook Electronic and Computer Music Studios  
Daria Semegen and Daniel Weymouth, directors

## University Choral Ensembles

Sunday, Nov. 17, 7 p.m., Recital Hall

Clara Schumann, *Drei gemischte Chöre*  
Holst, Choruses from the *Rig Veda* with harp  
Britten, *Ballad of Little Musgrave*  
Stony Brook Camerata Singers  
Timothy Mount, conductor

Sunday, Nov. 24, 7 p.m., Recital Hall

See Opera

Saturday, Dec. 7, 8 p.m., Main Stage

See Stony Brook Symphony Orchestra

Saturday, April 25, 8 p.m., Main Stage

Saint Saens, *Carnival of the Animals*  
Timothy Mount, narrator  
Orff, *Carmina burana*  
University Orchestra, Jack Kreiselman, director  
Stony Brook Chorale, Timothy Mount, director

Sunday, May 3, 7 p.m., Recital Hall

Stony Brook Chamber Singers  
Music for small choir

Saturday, May 9, 8 p.m., Recital Hall

Bach, Cantata No. 150  
Poulenc, *Chansons*  
Renaissance sacred and secular music  
Camerata Singers  
Timothy Mount, John Curtis, conductors

## University Orchestra

A lively campus and community orchestra, under the baton of Maestro Jack Kreiselman. All performances are on the Staller Center Main Stage. Admission is free.

Thursday, Oct. 10, 8 p.m.

Mozart, Overture to *Così fan tutte*  
Grieg, from the Piano Concerto in A minor  
Feng Yao, piano  
Mendelssohn, from the Violin Concerto in E minor  
Elizabeth Knowles, violin  
Schubert, Symphony No. 8 in B minor ("Unfinished")

Thursday, Dec. 5, 8 p.m.

von Weber, Overture to *Oberon*  
Mozart, from Flute Concerto No. 2 in D  
Barry Crawford, flute  
Hummel, from Trumpet Concerto in E flat  
Paul Vaska, trumpet  
Delius, *On Hearing the First Cuckoo in Spring* and *Summer Night Music*  
Mozart, *Exsultate Jubilate*  
Christine Goerke, soprano  
Mozart, Symphony No. 40

Thursday, March 19, 8 p.m.

Pops concert  
Sullivan, Overture to *H.M.S. Pinafore*  
Mascagni, Intermezzo from *Cavalleria Rusticana*  
Mozart, Horn Concerto No. 4 in E flat  
Lisa Pike, French horn  
Khachaturian, *Gayne Ballet: Suite No. 1*  
Selections from Romberg, Lehar, Friml and Herbert  
Rosa Santoro, lyric soprano  
Salvatore Santoro, dramatic tenor

Saturday, April 25, 8 p.m.

See University Choral Ensembles

## Wednesday Noontime Concert Series

Every Wednesday during the school term, graduate music students present solo and ensemble concerts in the Recital Hall from noon to 1 p.m.

# INSPIRATION

## MUSIC



Tokyo String Quartet — Peter Oundjian, first violin; Kikuei Ikeda, second violin; Kazuhide Isomura, viola; Sadao Harada, cello.  
Saturday, Oct. 12 at 8 p.m.

The Greehhouse/Bloomquist/Stier Trio — Bernard Greenhouse, cello; Charles Stier, clarinet; William Bloomquist, piano.  
Saturday, Nov. 16 at 8 p.m.

New York Philomusica. An all-Mozart program featuring Robert Levin, piano soloist. Friday, Dec. 6 at 8 p.m.

Timothy Eddy, cello; Gilbert Kalish, piano. Friday, Feb. 2 at 8 p.m.

Christopher O'Riley, piano. Saturday, Feb. 15 at 8 p.m.



Midori, violin. Friday, March 6 at 8 p.m.

Julian Bream, guitar. Wednesday, April 1 at 8 p.m.

The Staller Center  
proudly presents  
theatre, ballet,  
classical music and  
special events for the  
1991-92 season.

## DRAMA

The Acting Company presents two plays:  
*A Midsummer Night's Dream* by William Shakespeare. A magical romantic comedy. Saturday, Oct. 19 at 8 p.m.

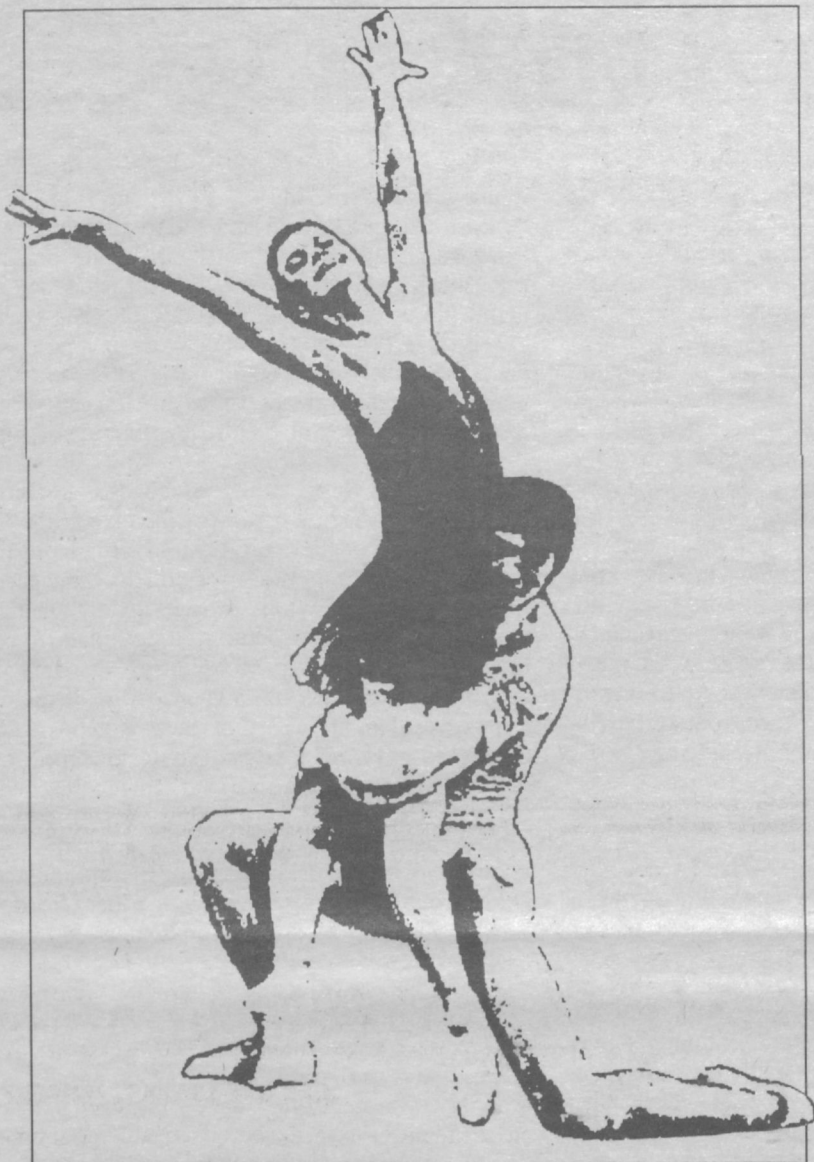
*Blood Knot* by Athol Fugard. A contemporary South African story of brothers locked in controversy. Sunday, Oct. 20 at 7 p.m.



*Camp Logan* by Celeste Bedford Walker, a World War I drama of racial strife. Wednesday, Feb. 5 at 8 p.m.

# The Staller Center!

## 1991-1992 Season



### SPECIAL EVENTS

Vienna Choir Boys. Pure young voices unite with artistic maturity for a holiday treat, Saturday, December 14 at 8 p.m.



*A Midsummer Night's Dream*, Peter Anastos' new production of a classic ballet to welcome in the new year. Saturday, Dec. 28, 3 p.m. and 8 p.m.; Sunday, Dec. 29 at 3 p.m.

St. Lukes' Orchestra with the Dusseldorf Choir, Roger Norrington, conductor. Friday, Jan. 31 at 8 p.m.

### DANCE

Ballet Stars from Eastern Europe — artists from the Bolshoi Ballet, the Great Theatre of Warsaw, and the Hungarian, Czech and Bulgarian national ballet companies perform. Saturday, Oct. 26 at 8 p.m.

Les Grands Ballets Canadiens, *La Sylphide*. Saturday, Nov. 23 at 8 p.m.



Ballet Chicago — Gordon Pierce Schmidt, choreographer. Highlights from *Die Fledermaus* and *By Django*. Saturday, Feb. 29 at 8 p.m.



Zoppe Circus Europa — a European one-ring circus featuring Lippizan stallions, the legendary flying Wallendas and animal acts. Saturday, April 4 at 3 p.m. and 7 p.m.

Ticket prices vary. Group discounts, student and senior citizen discounts are available. For tickets and information, call the Staller Center Box Office at 632-7230.

Tomorrow's Music at Stony Brook Today

continued from page 1

their lives more vivid. You grab some of their way of thinking — what bothers them, what they like. You meet people with open minds and a diversity of styles in playing and composing.”

Pianist and professor of music Gilbert Kalish comes to the same conclusion from the opposite starting point. He says “It’s a revelation for a performer to sit next to the composer. Working with composers, you begin to understand their mentality, their human fallibility. You gain new insights.”

Kalish, one of the founders of the Contemporary Chamber Players and a faculty member at Stony Brook and the Tanglewood Music Center for more than 20 years, considers the teaching of new music “an obligation, for music to survive and continue. Not every individual has this obligation, but every department worth its salt should pursue this goal and prepare students to be open to and comfortable with new scores. Music is dead if this doesn’t continue.”

As a young pianist, his willingness to tackle new works provided him an entrance into the professional world: “This was my access into the musical life. From there, I was able to branch out.” And, he feels, “It’s still an entree for young musicians.”

Performers, he says, “do a strange thing. We take somebody else’s work and recreate it. It’s very hard to recreate the excitement of a work that was revolutionary in its time, but now is familiar. You get a chance to be more original with something new. You explore your own nature.”

One way the university promotes new music is through the Contemporary Chamber Players (CCP), founded by Kalish with Raymond DesRoches, percussionist and artist in residence for the past 20 years at Stony Brook. The Contemporary Chamber Players, says DesRoches, are an enthusiastic group of students who want to make new music together. “They rehearse for hours and hours. At first, they played the 20th century great pieces — Elliott Carter, George Crumb, and Charles Wuorinen. Jack Lessard [emeritus professor of music] became involved and had the idea that we should commission new pieces to perform at Merkin Hall for the 50th anniversary of the American Composers Alliance. That was the start of the Six Premieres,” he says. The Six Premieres is an annual concert of specially commissioned music, given both on campus and in New York City, performed by university musicians.

For the 1991-92 year, the CCP will present five concerts, including new pieces by Stony Brook student composers and works by established composers such as Pierre Boulez and Olivier Messiaen. The first concert will be on Wednesday, Oct. 30. This year the CCP will be directed by Kalish, DesRoches and Bradley Lubman, musical director of the Stony Brook Symphony Orchestra.

Lubman was a graduate student in percussion at Stony

Brook and a part-time faculty conductor of the CCP before being appointed conductor of the symphony orchestra in Sept. 1990. “Contemporary music is part of my life — as much as eating and sleeping. New music is as much a part of me as Bach or Beethoven,” he says. Lubman has included 20th-century music in each symphony-orchestra concert for the coming season (see page 13). He composes in addition to conducting, and enjoys the close collaboration with performers. “When I write for small ensembles or soloists, I know the people. It’s more exciting to write for someone I know and have worked with,” he says.

For DesRoches, “There’s no question about it: my focus is contemporary. Charles Wuorinen has called this ‘The Age of Percussion,’ and it’s true. After two or three hundred years of playing triangle or bass drum, the percussionists finally have chamber music to play. Since 1945 we have been on the cutting edge of contemporary music.”

To a percussionist, new music is full of adventure. “Every setup is so different that it’s like learning a new instrument every time you get a new score.” And he finds, “The level of playing in young students is remarkable today. Stony Brook has turned out its share of wonderful percussionists.”

One of his current students is Karen Phenpimon, who plays vibes, marimba, xylophone, tympani, bass drum, chimes, gong, triangle, bongos, congas and drum set. “You have to play everything, because you want to play a lot of gigs,” she says. Phenpimon thought she would major in math or philosophy as an undergraduate at the University of California at Santa Cruz until she began to study percussion in her sophomore year, and “the only thing I wanted to do was practice.” Now she hopes for a performance career with a contemporary music group or with an “industrial-jazz-funk-rock” band.

“Intelligent music for percussion is fairly new, and large orchestras have a limited repertoire. Traditional orchestra parts often involve counting 200 measures of rest and then tinging the triangle. New music ensembles have huge percussion setups, with mallet instruments as well as drums and other things,” she says.

In the percussion practice room, Phenpimon moves from instrument to instrument, explaining the differences between the mellow wooden marimba and the harsher metal xylophone. She rubs her wet thumb in an arc along the skin of a bass drum and it gives forth a strange vibrating tone. She thwacks the conga with the heel of her hand and then sends her fingers pattering across its head. She loves to play, but she is also interested in composition. “I think it would be exciting to write for percussion. With percussion,



Karen Phenpimon plays the congas.

nothing is standard. And we’re just coming into our own.”

Bass clarinet student and Fulbright scholar Michael Lowenstern says he has a “personal crusade for contemporary music.” A student of artist-in-residence Charles Neidich, Lowenstern is both a performer and a composer. His goal is “to bring contemporary music to a young audience, college age, people like myself,” he says. “Contemporary music is marketed as an offspring of classical music — and it is. But it’s also an offspring of alternative popular music.”

Lowenstern plays clarinet, keyboard and MIDI (Musical Instrument Digital Interface) wind controller with fellow graduate student Todd Reynolds, winner of the 1991 SUNY Thayer Fellowship for creative and performing artists. Thayer plays violin and MIDI violin, and they call themselves Slow Boys. “We are doing popular music, jazz, rap tunes. We compose it all.” He says, “I would rather go for a musically uneducated audience. I would rather please a milkman than an expert, because it means that I have succeeded in bringing this music to someone who knew nothing about it beforehand, who came to the concert on a whim or was dragged there against his will.”

Lowenstern adds, “Stony Brook’s program is very much known for its new music strengths. This is the best situation I could be in. It’s organized, but with a lot of freedom. You can do what you need to do: both study and begin your career in New York City.”

“In fact, there is plenty of ‘structure’ in our graduate programs,” Kramer adds, “but we insist that it come from within. We recognize that professional excellence in the arts has its own rigorous determinants. In other graduate schools, performers, often made to conform to inappropriate academic criteria, are burdened with requirements that do little more than stifle their true work.”

Composer/conductor Lubman expresses what many members of the Music Department — both faculty and students — feel: “I believe in what goes on here. I couldn’t live in a school that didn’t value contemporary music.”

Musical Voices

“There aren’t all that many original, strong voices in the world — and there never have been. But it’s a composer’s responsibility to write with a fresh perspective,”

— Sheila Silver

Sheila Silver writes primarily for traditional instruments. Daria Semegen uses violin, flute, piano and orchestra as well as electronics when she composes. Dan Weymouth also composes with computer.

For all three, the goal is music-making of the highest order. To Semegen, associate professor of music, the “heart of the matter: [is the] musical content.” She came to Stony Brook in 1974 and, with composer and electronic music pioneer Bulent Arel, who died last February, founded the electronic music studio and put in place the curriculum and library to support a high-tech program in the music department.

Weymouth, lecturer, came to Stony Brook two years ago because he says, “I’m a composer first, and a computer music person second. At Stony Brook we’re very interested in keeping the emphasis on music and not on the technology.”

Semegen notes, “Today the focus is on an endless parade of exciting technological innovations which may



Sheila Silver

have musical applications. We need a much keener focus on what kind of musical work is being done with our numerous new gadgets. A wonderful innovation does not automatically make the resulting musical work artistically meritorious, only simply a novelty or worse, a sideshow. Concern with the artistic quality of the music must be the main focus.”

Semegen’s music has been performed, broadcast and recorded widely in the United States and internationally. In 1965 her piece, *Six Plus*, for instruments and tape placed her among the pioneering composers in the electronic music field in the country. Her work has been cited in books and articles and she has been the subject of doctoral dissertations. A recent piece, *Rhapsody*, composed for the Yamaha MIDI grand piano, was released in June on compact disk.

Composition, whether for MIDI (musical instrument digital interface), cello or computer, is “a tough business to

From noises and notes to new music: Composers Sheila Silver, Daria Semegen, Dan Weymouth talk about their work.



## Musical Voices

survive in," says Silver, associate professor of music. "So much is available now, through radio and CDs. There's ethnic music, popular music, concert music. It's the hardest thing in the world for a composer to put his own stamp on it. There aren't all that many original, strong voices in the world — and there never have been. But it's a composer's responsibility to write with a fresh perspective," says Silver.

Silver has been writing a lot of different types of music lately: chamber, orchestral, choral, film, and dance. Recent



Daria Semegen at the controls in the electronic music studio.

commissions include *Dance of Wild Angels*, which the Los Angeles Philharmonic premiered in March 1990, and which will be performed by the Stony Brook Symphony Orchestra this coming February. Her *Sonata for Cello and Piano*, written for Timothy Eddy, cellist and professor of music, and Gilbert Kalish, pianist and professor of music, premiered at New York Town Hall in 1988 and was recently released on a Composers Award Recording CD by the American Academy and Institute of Arts and Letters.

"Stylistically, my music has gone through a lot of

*"When I write, I try to express what it feels like to be alive and in my skin. It's a way of not being so alone in the universe, a way of touching another human being."*

—Weymouth

evolution over the 20 years that I've been a functioning composer," Silver says. "I've gone from very atonal to much more a mix of tonality and atonality. For me, the most important thing is to give whatever I use a fresh perspective.

"I understand why music has taken a turn back to more lyrical, rhythmic qualities: the abstract, mid-century music left audiences cold. We are experiencing a late 20th-century reaction to the highly controlled, nonexpressive, serial music of mid-century," she says. Her own most recent work, *Preludes for Orchestra*, begun last fall while on a composer-in-residence fellowship at the Camargo Foundation in France, is "inspired by nature — dawn, a storm on the sea, a mountain."

Weymouth's music has been performed around the United States and in Europe. Next month his *Pocket Music for 12 Cassette Tapes and Personal Percussion* will be performed at the national conference of the Society of Electro-Acoustic Music in the United States, in Indiana. In spring 1992, he will be composer-in-residence at the international festival for experimental and electronic music in Luneberg, Germany. There he will perform a work for MIDI violin and interactive computer.

Weymouth is "interested in random processes. In my chamber music, sometimes the players go in different directions or start at slightly different times.

"The difference between music and noise is that music

## Jazz at USB

*Bridging the gap between performance and composition is the jazz program, a fledgling set of courses taught by doctoral candidate and guitarist Steven Salerno.*

See side bar.

is organized noise. One of the things that happened in this century is the inclusion of just about any sound into music. You can use chance procedures — dice, I-Ching — and whatever happens can become music, if behind the randomness, is a glimpse of the creative intelligence that created the music." His works always center around a single idea, a musical motif or a nonmusical concept.

To Weymouth, "When I write, I try to express what it feels like to be alive and in my skin. It's a way of not being so alone in the universe, a way of touching another human being."

Stony Brook has two electro-acoustic music studios, Semegen's electronic music studio and Weymouth's computer music studio. In both, composers use high-tech equipment to make, gather and play back sounds.

"An analog studio is more direct and physical. You have lots of dials and knobs. You record onto tape and splice together the parts," Weymouth says. "In a computer studio, you use a digital process. It's sometimes quicker, and the different processes suggest different artistic solutions.

"Composing on a computer is like microsurgery with sounds. You manipulate them, shift pitch, speed them up



Daniel Weymouth composes at the computer keyboard.

and slow them down. You can turn them around, create their raw or record and alter natural sounds."

How do you teach students to write music? Teaching composition, Silver says, means helping students "develop their own inner ear. They need to determine whether things sound right to them or not. Each composer forges, to some degree, his own language. I can help students expand their perspectives."

Semegen emphasizes the need "to develop aural skills and to refine aesthetic sensibilities in relation to electronically produced and/or modified sounds. If the proof of the pudding is in the eating, then the proof of the music is in the listening. Computer music, first and foremost, is about music."

Stony Brook is a congenial place for all this. Says Weymouth, "The faculty is open and has a real commitment to contemporary music. One feels welcome pushing the envelope here. The students are top-rated performers, and they are also intellectually awake."

To Silver, "in some ways, the Music Department has never been better. It's wonderful to interact with my performer-colleagues and student performers. Stony Brook is a rich place for a composer to be."

—Reinstein

## Jazzing It Up

When a jazz musician performs an improvisational segment, the distinction between instrumentalist and composer fades.

Improvisation, says Steve Salerno, "was once part of the European musical tradition, but it is no longer widely taught."

Salerno, doctoral candidate and jazz instructor, is correcting that omission for music students at Stony Brook. As an undergraduate at Coe College in Iowa, he majored in jazz studies, and at Stony Brook he teaches an undergraduate course in jazz improvisation, while completing requirements for his doctor of musical arts degree in 20th century guitar.

"There are special challenges to a classical musician in playing jazz," says Salerno. Keeping time, maintaining the accent, conveying the characteristic swing and creating the distinctive jazz timbres are some of those challenges. Added to all that is the demand that the performer improvise around the written score.

To help traditionally trained students learn to handle the demands of jazz, Salerno teaches a course in improvisation. He says, "There is a lot of interest in that course. It gives students the actual workings of how jazz is put together. It gives them tools to make them more aware as musicians — and to make them better musicians."

Salerno has taught several different jazz courses at Stony Brook. The jazz ensemble class began spring semester, 1990. Jazz history was offered the following fall, and jazz improvisation and ensemble were given in the spring of 1991. Both undergraduate and graduate students enroll, and there are math, physics, and engineering majors along with music majors. Class sizes have doubled since the first time jazz was taught. He adds that Richard Kramer, Music Department chair, and the department as a whole "have been very supportive of this."

"In an ideal world," Salerno suggests wistfully, "there would be four jazz courses taught at Stony Brook every year: jazz ensemble, improvisation, theory and composition, and history."

"Jazz is clearly American art music," Salerno says. "In academic circles it is greatly overlooked and misunderstood. The history of jazz is an intricate one. It developed from the synthesis of European Western traditions with African and West Indian traditional and folk music.

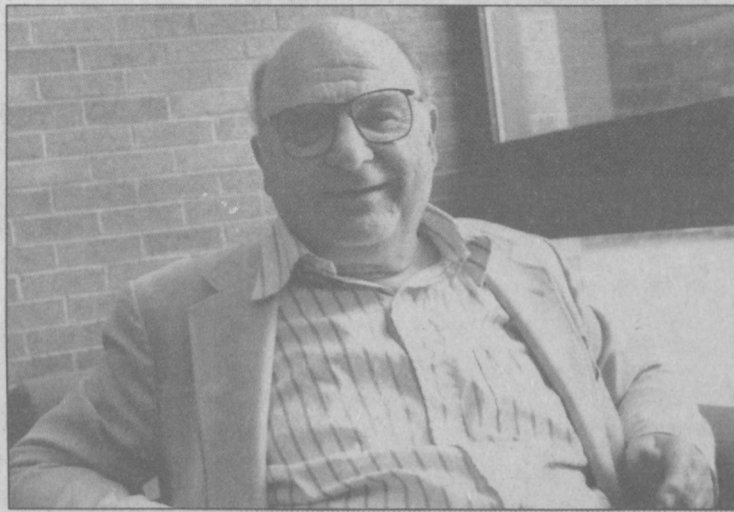
"The rhythmic and timbral systems are primarily African. The instruments and written conventions are primarily European. It needs a blending of the two. There is no inherent jazz in Africa or Europe — it is an American creation."

It's an American creation that has found a home at Stony Brook.

# Speaking of Music

## Profile of Julius Levine

By Gila Reinstein



MAXINE HICKE

Julius Levine, professor of music and string bass player, was 40 years old before he accepted his first student. "I thought that to teach, you had to know everything. Then I found that nobody else knew everything either," he says with a chuckle. Today, almost 30 years later, he has helped along an entire generation of young musicians who look to him with admiration and affection.

"Before I started, I didn't think I'd enjoy teaching. I was strictly a performer. I played whatever I could get — I played in the marketplace to have the freedom to play where it meant something. It was the Stony Brook position that gave me the opportunity to limit my performances to what was significant."

Levine came to Stony Brook in the mid-1970s. By that time, he had performed with most of the faculty in various groups. "They were my friends as well as my colleagues," he says.

Teaching here is what he calls "a special situation. I work without having to make concessions of any kind. When you teach these people, you speak to them of your highest musical aspirations and they are right there with you."

It's not always easy for teacher and student to get used to one another. "Sometimes," he says, "the first year with a new student is like the opening round of a prize fight. You keep sparring around as you get to know each other."

The relationship between Levine and his students goes well beyond formal instruction. "You build up a warm friendship with the students. By the time they are graduate students of music, they have chosen a life path and been accepted into it. My relationship with a half dozen students at any one time is a rich one."

One of his current students is Sara Thompson, doctoral candidate on the string bass. She has studied with Levine for three years and calls him "a caring, compassionate teacher. He instills you with enthusiasm for the music, so you want to master the technique. For him, expressing emotions comes first in music."

"More than that, he sees you as a person — not as a student or an extension of his ego. Studying with him is challenging and the rewards are tremendous. You can't escape him, personally, and to work with him, you have to confront yourself."

Thompson adds, "His philosophy of life comes through in his teaching. He believes certain universal truths, and through them you can see the parts of a whole and the whole from its parts. I've come to trust that whatever he says holds water. It's nice to be able to believe in your teacher."

Levine wants to communicate the subtleties of his craft to his students, but the single most important thing to convey, he says, is that "if students can't play with love, they can't make music. Love is like white: it contains all the colors. Love comes through the music, and you become more in love through the music. Love is the genesis of all the emotions."

"I find, because of my personal background, I am fascinated with the idea of musical expression. Pablo Casals

*"I work without having to make concessions of any kind. When you teach these people, you speak to them of your highest musical aspirations and they are right there with you."*

(cellist and conductor) was the inspirational force for a lot of my work. I didn't meet him until I was 29 years old, and at that time I felt that I was born again. Casals is a pure inspirational force. He was not a great technical conductor, but he put his special stamp on that (music festival) orchestra. After my first Casals festival — six weeks in the south of France — I came away with the rest of the summer to travel in Europe. As I was traveling, I found gyrating in my head all the things I had learned.

"I discovered then that music, for me, is round.

"There is plane geometry, with angles and straight lines, and there is spherical geometry. Music, to me, is spherical — not that it doesn't have angles and sharp corners. But, if we can make circles within squares or squares within circles, I prefer the latter. Thus the continuous (the circle [and its curvaceous offsprings]) is the basic shape. All other constructions modify the basic, which is breathing, undulating, gestural. Music is not a matter of straight lines, but of gestures.

"After I came to that realization and from then on, something happened in my own playing. I would just sit down at the instrument and begin. I didn't know what would happen — I found if I just went at it, it went well. I developed a fear that my intellect was my enemy, so I didn't think. I just relied on instincts when I played."

Every year after that first encounter, Levine participated in the music festivals headed by Casals and organized, in part, by Alexander ("Sasha") Schneider, violinist. "The second major force in my life was Sasha. Casals was my parent, and Sasha was the midwife. He was a member of the Budapest String Quartet, one of the eminent violinists in the world, but he went to Casals like a little boy to a master teacher."

The double connection to Casals and Schneider was enduring. Says Levine, "I played in concert every year for three weeks to two or three months with Casals, until his death at 96. With Sasha, I played all year round."

The intuitive approach encouraged by Casals worked well for Levine until he discovered, to his own surprise, that he had been developing theories all along without being aware of it.

Here's how Levine tells it.

"When Casals was near the end, during those last couple of years, his mind was still sharp but his energy was fading. At the Marlboro Festival I began to notice that he would ask for certain things from the musicians and then become frustrated. Casals' weakening body language allowed the musicians to hear his words but still play the wrong thing. For example, there is a big difference between the collapse of energy and the suspension of energy. He would ask for diminuendo, implying suspension, but would get collapse. Both suspension and collapse are represented by the diminuendo in acoustical terms.

"When I realized what was happening, my wife, Caroline (who teaches viola at Stony Brook), said, 'Write it down.' I sat down to write three sentences. Fifty pages later I stopped, and only because of writer's cramp. When I wrote, things came out that I didn't know were there. I had felt that music is an intuitive thing, but for years I had been thinking up a storm without being conscious of it."

Since that day, Levine has filled many notebooks, but not yet prepared his manuscript for publication: "I'm waiting for the moment in which the blind heat comes, and I know how to start and how to organize all my thoughts."

Levine still plays in concerts, although he admits that in recent years, "As a performer, I've been tapering off. I no longer have the energy to argue with stewardesses about letting the bass fiddle onto the airplane. Now, I only play close enough to home to bring my own bass, or when flying is necessary, if a good instrument is supplied at the destination. I regret every time I have to decline a concert that might be fun."

He likes best to play chamber music. "When I play, I want to grab the music in my teeth and go with it. Also, playing in the orchestra accompanying the Mozart piano concerti is a completely cleansing experience."

What about contemporary music? "It's important to me that contemporary music exists, and I've played a lot of it. As a young and middle-aged musician, I played in the premieres of some Stravinsky works conducted by the composer. But that's where I more or less stopped. I'm a little passé."

"At Tanglewood (where he is on the faculty) as at Stony Brook, there is a great emphasis on contemporary music. In every age of music there's been much more written that didn't survive than did, and we have to assume the same of this era. I'm impatient: I want to play the best. I would rather do my 12,000th 'Trout Quintet' than some 300-year-old manuscript that was just discovered and that deserves to be played only once."

Levine has spent a lifetime making music on the string bass. If fate hadn't intervened, it might have been otherwise. When he was 17 years old, he and a group of friends wanted to get out of Brooklyn for the summer to work as a band. "Two of us played the piano, so I registered for the trumpet in school so I would have something to play. At the first class, the teacher said, 'Levine, play a D major scale.' I realized that I had been put into the advanced class." The beginners' class was full, and the music teacher suggested he try the bass. "I asked, 'Can you play a bass at a hotel in the mountains?' He assured me you could." And that's how Levine came to his instrument.

Nor does he regret it.

For Levine, life is good. "I'm very happy at Stony Brook. Sometimes people talk about what they want to do with their lives or what they would have done differently if they had the chance. For me, if I could do my life over, this is exactly where I would want to be."

*"I had felt that music is an intuitive thing, but for years I had been thinking up a storm without being conscious of it."*

# Questions without Answers

Seeking a Moral Imperative  
in Art

By Mel Pekar

Even as a teenager learning to push paint around canvas, I was concerned with a meaningful iconography — making art that would bridge what since the Renaissance has become a gulf of mutual antagonism between art and the average person, as art critic Clement Greenberg has put it. As an art student during the high times of Abstract Expressionism, I painted a few Abstract Expressionist paintings, of course — along with anything else I could try — but while the act of making them was exciting, I could not get myself to believe in them, or in a sustained commitment to that sort of painting. This led me to “risk” a large body of perhaps embarrassing work, trying to find something I could believe in that would bridge that gulf: paintings I could believe in, and something the painting was about that I could believe in. Eventually, everything walked out of my pictures except the landscape: more specifically — for some years now — the desert landscape.

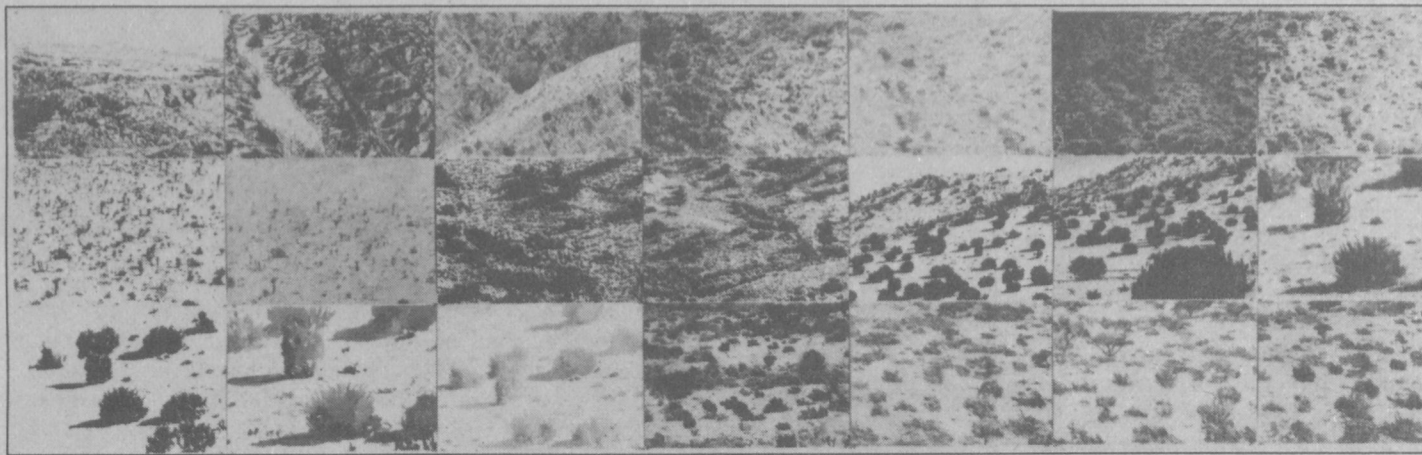
My work hopes for a meaningful and communicated iconography about the earth. The desert symbolizes for me vastness married to fragility, monumental to vulnerable, the specific to the abstract. The desert is clean, open, beautiful yet frugal, devoid of excess. And its ancient solitude and focus are in trouble now, along with the rest of us, and I am struck by this as an eminently significant, universally and easily readable iconography, within a traditional subject field of painting that offers a limitless breadth of movement and exploration to me as a *fin de siècle* painter.

From earlier distant, high-altitude panoramas, I’ve moved in close of late. I’m sympathetic to the anxiety and fear of the creosote bushes and the ocatillo, and I’m interested in the spaces between them. Things being what they are, I suppose I could say — as much as anyone can say such a thing and stay honest — I paint for the land now. So my work is political; the current pieces being, for want of a better term, environmentally political, traversing territory arrived at as a consequence of years of work, thought, and the resulting commitments: a lifelong agenda.

I said my work is political, and I meant just that; my agenda is as self-conscious as that of the feminist or Marxist, as intended as Leon Golub’s portrayals of inhumanity or the abrasive polemics of countless urban wall paintings. But what I’ve come to be so much aware of and intrigued by these days is that, like Malamud’s *The Fixer*, everyone’s art is political, whether they like it or not, or even whether they know it or not. And whatever the agenda, again wittingly or not, the artist is involved in another issue that I’ve come to call the idea of the moral imperative in contemporary art.

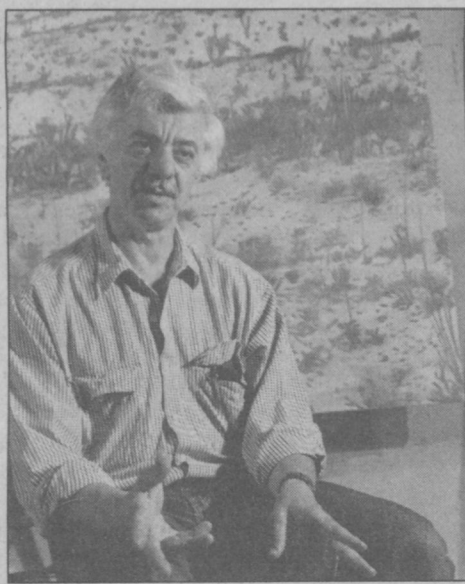
At a panel I chaired on this subject, the artist John Baldassari said whenever he hears the words “moral” and “art” used together, he has to stifle a yawn; yet he immediately went on to associate the idea of morality in art with money (nobody yawned), mentioning how he might take the work of Julian Schnabel more seriously if it cost less, and that he did take Anselm Kiefer’s work very seriously until his prices got high enough to make it all very suspicious. This makes a tidy and provocative introductory note to “art and money” as a required subtitle for any current discussion of art and morality. Every relationship in postmodern capitalism’s commodified art world has changed to such a degree that the artist James Rosenquist has said art money is like drug money, and Paul Taylor, in *The New York Times*, took it from there to add that if art equals money, then it’s at the root of all evil.

It’s almost uncanny to consider the situation of contemporary art in spite of all its well-publicized foibles, freedoms, liberties, pronouncements and kinks, when in fact the artist’s first decision these days (like it or not; know it



PHOTOGRAPHS COURTESY OF G.W. EINSTEIN GALLERY, NEW YORK CITY

or not) must be a moral one. That is, the first decision an artist makes when starting to work in this pluralist end of the millennium is: if you can paint whatever you want (since nobody really cares what you paint, or if you paint at all, until you’re a commodity of the first water), the first decision must be what to paint. This is diametrically opposed to pre-modern art, which was preceded by “need” and “commission,” with the style universal, the content preordained, and the problems technical. The question of a moral imperative in the visual arts may well imply political imperatives, questioning the balance between individual values and societal standards, and implying the possibility of some considerable variance between private vs. public moral imperatives. In fact, we’ve been reading a lot about this stuff in the papers lately, bringing us round full circle to Plato, his disciple Jesse Helms, and a classical debate that has never ended. So, if you can paint whatever you want, what do you paint? Is the question what would I paint or what should I paint? This requirement, this



*“My work hopes for a meaningful and communicated iconography about the earth. The desert symbolizes for me vastness married to fragility, monumental to vulnerable, the specific to the abstract.”*

necessity of choice in all its myriad facets is what I mean by the moral imperative that the contemporary artist unavoidably faces — the imperative of choices that the artist must make because nobody does it for him anymore (society’s forfeiture), and all the implied consequences.

Art criticism’s lack of an adequate focus of critical response to these and related issues has probably been the cause of so many artists testing their ideas in writing these days, as well as (and sometimes instead of) in the studio and art gallery. (In fact, you might be asking yourself right now, why isn’t this guy home painting? Ah, well. . . .) As Art Historian Yve-Alain Bois has pointed out, Barnett Newman often complained about the lack of critical response to his work and that of fellow artists, and to the issues of their concern, so to compensate for the silence of the critics, he took up the pen himself (and did pretty well at it). Well, the tradition continues, and one might well ask how the critic in particular is performing in this arena today. Many seem frankly to be occupying another time and space, inspecting the detritus of deconstruction when art is trying to construct something valid from the rubble of the avant-garde’s successful onslaught. (There’s trouble in the streets, fellas!)

How far can you go with this, though? One has to be careful about having too many causes; I’m an artist, and my primary purpose is trying to make meaningful art. Are predetermined extra-aesthetic acts — political acts — necessarily or even possibly art? Is a premeditated pro-

gram of proselytizing for a cause and pushing out the aesthetic, by commission or omission, art? It’s a thin conceptual line, of course, between an Orozco or a Michelangelo and the murals on West Houston Street.

Marxist-oriented artist Luis Camnitzer says, “We live the alienating myth of primarily being artists. We are not. We are primarily ethical beings sifting right from wrong and just from unjust, not only in the realm of the individual, but in communal and regional contexts. In order to survive ethically we need a political awareness that helps us understand our environment and develop strategies for our actions. *Art becomes the instrument of our choice to implement these strategies.*” (My italics.) I couldn’t agree more. Yet. . . .

Suzi Gablik, author of *Has Modernism Failed?*, will be leading a discussion in Chicago next February about “Cultural Imperatives in the Ecological Age,” which will consider the “patriarchal values of stylistic competitiveness, technological innovation, and an economic individualism (in art) that seeks to maximize profit rather than to serve social ends.” For a world that may be beginning to die, “What we do not have at this point is any socially or environmentally responsible art.” I will be part of that discussion, and I expect as much heat as light, because it’s a highly charged activist art world these days. But I would hope for a sustained and skeptical distinction between art and politics, the artist and polemicist, and lasting and “P.C. Art.” I feel effective activism — let’s say ecological activism — must today lie in strong, positive, informed and directly political exertions to move government; it’s an unlikely weapon I wield for the earth when I stop using cadmium red, but the 15 or so environmental organizations I belong to are in court every day busting chops.

My first day in the army, we were all lined up with our nifty new haircuts and suits and told that we were now responsible to both military and civilian law. Maybe that’s one way of viewing and handling these divided fealties.

I feel postmodern pluralism has produced a rich and fertile matrix for art, but I do not believe the definition of art should be widened so broadly as to de-define it, and I also wonder whether a truly successful visual art in societal terms has even been possible since the gulf between art and society became what it is.

Writing these paragraphs in my studio today, I look over at a small painting I just rediscovered going through my work in storage. It was done 35 years ago, and it’s sort of a serene idyll, the composition taken from Manet’s Giorgionesque *Picnic on the Grass*, the manner of painting Cezanne’s, and the spirit Poussin’s. Looking at it, I envy the me that was, looking at everything, painting, and continuing a truly grand tradition as an art student. And I wonder if it isn’t even more of a statement and just as much of a duty to preserve the serene and maintain the classical as to address or reflect a present chaos. But that’s my business; since I’m one painter that doesn’t happen to be a commodity (yet), and our current social matrix has opted out of the responsibility of telling me what to paint, I get to work this out for myself. Like I tell my students, you guys are at a stage where you want to take it all in and try out everything you can. That’s good. But me, these days, I want to get rid of all the junk in my attic.

I explored format as well as form and content. One of these formats was public art, and I helped found City Walls, Inc., a New York artists’ organization that painted outdoor murals in the city: art that belonged to everyone but was nobody’s property. Trying to get my ideas and paintings to live together in peace inevitably led me to grappling with the concept of choice, and how it related to art now and in the past.

## University Association Lines Up New Year

The University Association will begin the new academic year with a brunch on Sunday, Sept. 29. President John H. Marburger will be guest speaker.

Also on the calendar is a concert for young listeners on October 20, a "Chef's Secret Dinner" on Oct. 23 and the President's Reception for new faculty and staff on Nov. 9.

Spring semester will feature a getaway weekend in January, a progressive dinner to benefit the scholarship fund, an outing to the East End of Long Island, and more.

The University Association is a 33-year old non-profit organization of faculty, professional staff and post-doctoral fellows that welcomes new members to the university's professional community, sponsors inter-departmental and family events, and awards three undergraduate scholarships. In addition, the University Association sponsors programs for the community at large.

For information about membership and details of the fall events, call Phyllis Dykhuizen at 689-1839 or Anne Katz at 751-7430

## Off Campus Housing Needed

The Off Campus Housing Service is seeking living space in the community for university students and staff to rent. Rooms, apartments, houses to rent and houses to share are all needed. The housing office posts available listings free and charges no fees, as a service to the campus and the community.

The Off Campus Housing Service, in room 104 of the Administration building, assists graduate and undergraduate students, faculty and staff members in finding off campus living quarters. Some applicants need short term accommodations; others, housing for the semester, academic year or longer.

To list rental space, call the Off Campus Housing Service between 9 a.m. and 3 p.m. at 632-6770.



## Farmers' Market Remains Open Through October

The Farmers' Market, organized by the Faculty Student Association, is open every Tuesday from 3 p.m. to 6:30 p.m. in the North P parking lot, through Oct. 29.

The Farmers' Market is an open air market that sells local produce and flowers during the summer and fall.

## Student Job Fair Set for September 11

A campus job fair, sponsored by Auxiliary Services and the Department of Student Union and Activities, will be held on Wed., Sept. 11, from 10 a.m. to 3 p.m. in the Stony Brook Union Ballroom. The fair is open to all Stony Brook students. At the fair, information will be available about job opportunities on campus, both college work study and student employment. There will also be information about off campus jobs, volunteer possibilities, career development and financial aid.

For further information, contact Stressor Altemis at 632-6823.

## Fifth Annual Photo Contest

The University Hospital Auxiliary announces its Fifth Annual Photo Contest, calling for entries to be submitted between Sept. 4 and Oct. 25. The contest is open to all amateur photographers, who may submit 35 mm color slides or color prints (5"x7" or 8"x10") for judging by a panel of professional photographers and members of the photo contest committee.

Contest rules and entry forms may be obtained by writing: Photo Contest, University Hospital Auxiliary, University Hospital, Level 5, Room 760, or by calling the Auxiliary office at 444-2699.

First, second and third prize winners will be named in slide and print categories and will receive 20"x30" mounted enlargements of their work. Laminated enlargements of all winning works will be placed on permanent display in the hospital to enhance the hallways and patient rooms.



Carmen Alicia Morales tell Spanish tales.

## Hispanic Heritage Month

October will be Hispanic Heritage Month, a 31-day celebration of Hispanic culture focusing around the theme, "Hispanics: Past, Present and Future."

Events will include lectures, panel discussions, musical presentations, an art exhibit, a cabaret, merchants' days and more.

Noted storyteller Carmen Alicia Morales will present "Turulete," a two-act comedy based on the life of a Puerto Rican girl, on Thursday, October 10 in the Stony Brook Union Auditorium. This one-woman show will be in Spanish and English.

Two of the speakers in the Distinguished Lecture Series will participate in Hispanic Heritage Month: Geoffrey Fox and Blandina Cardenas Ramirez. Fox will speak on "From Amadis de Gaula to Amanda Sabater: 500 Years of Soap Opera," at the Humanities Institute on Wednesday, October 2 at 4 p.m., in addition to his formal address at 8 p.m., October 2, "Inventing America: 1492-1992," and Ramirez will speak on "Diversity and Democracy: Retrofitting Institutions for a Changing Civilization" on Wednesday, October 16 at 8 p.m.

Hispanic Heritage Month will officially open during Campus Life Time on Wednesday, October 2, with a reception, poetry reading by Louis Rivera, and arts and crafts exhibition beginning at 12:40 p.m. On Thursday, October 3, Anne Marie Keyes (Marymount Manhattan College) will speak on "Nicaraguan Women: After the Revolution (1979)," in the Stony Brook Union at noon.

On Friday, October 4, Virginia Sanchez-Corrol (Brooklyn College) will speak at 4 p.m. in the UNITI Cultural Center of Roth Cafeteria. Her topic is "On Their Own: Historical Perspectives of Puerto Rican Women in the United States."

A full schedule of events will appear in the October issue of *Currents*.

## Conference on the Homeless: Sept. 27 at the Health Sciences Center

"Homeless in the 90s," a conference to bring research and practice together, will be held Friday, Sept. 27 from 8:30 a.m. to 4:30 p.m. at the Health Sciences Center, Lecture Hall 2, Level 2.

Keynote speaker will be Marsha A. Martin, D.S.W., associate professor in the School of Social Work at Hunter College. Martin has worked with different homeless populations, including women, the elderly, the mentally ill and families. She is involved in many community service initiatives, including the Shelter Care Foundation and the Dwelling Place in Manhattan.

"This is the first time a conference has brought researchers and practitioners together to discuss the homeless problem," says Therese Hansen, co-director of the conference and graduate student in the School of Social Welfare.

The conference will include panel discussions on "Innovations: Research and Service" and "Future Directions." A "Network Notebook" will be developed and distributed to those who attend.

The conference is funded by the State University of New York Office of Scholarly Programs, and sponsored by the School of Social Welfare and Stony Brook's Institute for Social Analysis. Conference directors are Hansen and Joel Blau, D.S.W., assistant professor, School of Social Welfare. Blau's *The Visible Poor: Homelessness and American Social Policy* will be published this winter.

Admission is \$25 for those who pre-register, \$30 at the door and \$10 for students. For information, call 516-444-2138.

## Fraternity and Sorority Rushing Begins

Fraternities and sororities on campus will begin "rushing" students on Mon., Sept. 16. The rushing period, which extends until two weeks before final exams, allows students to get acquainted with the Greek-letter organizations on campus.

Pledging begins Sept. 30. During pledging, students prepare for initiation into or affiliation with a fraternity or sorority. Orientation procedures include learning the history, traditions and goals of the group.

## Second Annual Stony Brook Foundation Day Coming Oct. 5

The annual Stony Brook Foundation dinner honoring donors to the university, whose philanthropy enhances a wide range of programs, will be held Saturday, October 5 at 7 p.m. in the main lobby of the Indoor Sports Complex.

During the dinner, awards will be presented to USB's corporate donor of the year as well as the university's volunteer of the year.

The dinner will cap the second annual Stony Brook Foundation Day, a day-long schedule of activities for donors to the university's not-for-profit corporation. At 11 a.m. the foundation's annual meeting will take place, followed by luncheon at 12:30 p.m. with University President John H. Marburger.

Dedication of the gymnasium in the university's Indoor Sports Complex will be held at 2 p.m. At that time the gymnasium will be named in honor of the late William E. and Maude S. Pritchard of Islip, long-time supporters of the univer-

## Focus on Excellence

You have distinguished yourself in the arena of advancement programs and educational communications. Your singular achievements in creative planning, production, and promotion of programs for your institution merit the accolades of your peers. With great pride and praise the Council for Advancement and Support of Education recognizes your achievements by presenting you and your associates with this

GOLD MEDAL AWARD

Internal Audience Tableside  
State University of New York at Stony Brook,  
*Currents*

President of the Council

Chair of the Board

July the fifteenth, nineteen hundred and ninety-one

*Currents* was awarded a Gold Medal for excellence from the national Council for Advancement and Support of Education (CASE) in July.

sity. 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.

For further information on Foundation Day, call the Stony Brook Foundation at 632-6535.



Kathie Lee Gifford Coming to WUSB-FM

One of television's brightest stars, the co-host of *Live! with Regis & Kathie Lee* and of the 1991 Miss America Pageant, will appear on the locally-produced talk show, *Mike Palmer's Entertainment*, on Wed. Sept. 25 at 2 p.m. over WUSB-FM.

Everyone listening to this broadcast will be eligible to win a free pair of VIP tickets to see Gifford and Regis Philbin in concert at the Westbury Music Fair.

WUSB is based at Stony Brook and may be found at 90.1 on the FM dial.

## Helping the Hungry

The Employee Relations Council is sponsoring a food collection campaign to benefit several local food pantries: Smithhaven Ministries, Food with Dignity (Spring Meadow Farm), Daily Bread Soup Kitchen and the Eastern Farm Workers.

Non-perishable food items — cans and boxes — may be brought to a collection area inside the door to the indoor parking garage on the West Campus, at level 2. A clothing drive will be scheduled later in the year.

**Eve Badenhoop**, Operations Manager for the university's Graphic Support Services, has been named "Member of the Year" by the In-Plant Management Association's Long Island Chapter. The Association is composed of managers of in-house printing operations.

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

**Karen A. Correia**, recent graduate of the Physical Therapy program in the School of Allied Health Professions, has been selected to receive a Mary McMillan Scholarship, which carries a prize of \$1,500. The award is sponsored by the American Physical Therapy Association. It was formally presented at the June APTA meeting in Boston. The award is one of 10 presented nationwide this year.

**Quyen (Tim) Duong**, sophomore, was the recipient of a fellowship to study at the Rockefeller University in New York City this past summer. He is a member of the university's Honors College.

**Joseph Dyro**, director of biomedical engineering at University Hospital and associate professor of anesthesiology at the School of Medicine, has been elected president-elect of the American College of Clinical Engineering.

**Paul Edelson**, dean of the School of Continuing Education, presented a paper at the 17th International Conference on Improving University Teaching during July at the University of Glasgow, Scotland. Edelson's paper, titled "Assessing Improvements in University Adult Education Instruction," discusses how to develop strategies for improving the curriculum in continuing education. The conference was presented under the auspices of the University of Glasgow and the University of Maryland.

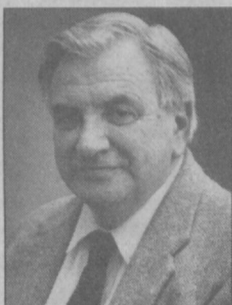


**David Erdman**, professor emeritus of English at the University at Stony Brook, recently authored *Byron VI: Childe Harold's Pilgrimage. A Critical Composite Edition* (Garland Publishing). In addition, he edited *The Romantic Movement: A Selective and Critical Bibliography for 1989 and Blake and His Bibles*, (both

published by Locust Hill Press). His 1936 Princeton dissertation will be forthcoming from Locust Hill Press during 1991: *Byron's Poetic Technique*.

**Lauren Gray**, junior, is the recipient of a National Endowment for the Humanities Young Scholars Grant. She worked this summer with Gary Marker, professor of history, on a project entitled, "The Philosophy of Action: A Study of Chomyshevsky and Lavrov." She is a member of the university's Honors College.

**Francis Hession**, manager of advanced technology at Stony Brook, has been named the Small Business Administration's 1991 "Long Island Small Business Advocate of the Year." The award is presented annually to an individual who has furthered the understanding and awareness of small business. Hession is president of the Long Island High Technology Incubator at Stony Brook. The Incubator, a facility designed to assist start-up companies in the high-technology industry, will be built this year on the university's east campus. The award was presented at the Long Island Association executive breakfast meeting in July.



**Richard Koehn**, director of the Center for Biotechnology at the University at Stony Brook, was one of three directors of the state's Centers for Advanced Technology to participate in a series of technology seminars for business executives, held in Europe during May. The seminars, in Toulouse and Lyon, France; Bologna, Italy; and Munich, Germany, were sponsored by the New York State Department of Economic Development as part of the state's "Global New York" initiative. They were designed to encourage joint ventures, collaborative research, technology licensing, trade and the establishment of research and production facilities in the U.S.

Also in May, Koehn met with Vice President Dan Quayle at the White House during the annual meeting of the Association of Biotechnology Companies (ABC), on whose board of directors Koehn serves. The Vice President is chair of the President's Council on Competitiveness, and ABC is active in making recommendations to the council's working group on drug approval process.

**H. Blaine Lawson**, professor of mathematics, has been invited by the London Mathematical Society to deliver its 1991 Hardy Lectures. The lectures are sponsored by the Society each year. Lawson will speak on his work in differential geometry at a number of prestigious institutions throughout England, Ireland and Scotland, including Trinity College and Oxford University.

**Howardena Pindell**, professor of art, had her work exhibited at Lehman College in The Bronx, and at Guild Hall, East Hampton; also at the Gulf Crisis Show in the Art in General Gallery, Soho, New York; Madre show, Anne Plumb Gallery, Soho; and Center/Margins show at Howard Yezerski Gallery, Boston.



**Sara Proctor**, a nun and recent graduate of the Physician Assistant Program, has been selected as one of six national recipients of the Physician Assistant Migrant Health Fellowship, sponsored by the National Rural Health Association. Proctor will work at a migrant health center in Ruskin, Fla., for four months. She is a member of the board of directors of PRONTO of Long Island, a non-profit organization that provides food, clothing and referral services to those in need.

**Felix T. Rapaport**, chairman of surgery and director of the Transplantation Program at Stony Brook, was honored by the New York State Assembly and State Senate, for his recent induction into France's Legion of Honor. Dr. Rapaport was inducted into the Order of the Legion of Honor on December 20, 1990. The honor was bestowed upon him for his career achievements in medicine, which have contributed to the renown of France. In a 17-year series of experiments beginning in 1964, Dr. Rapaport and Jean Dausset, then a professor at the University at Paris, discovered the white blood cell system that determines whether tissues are compatible. This laid the foundation for human organ transplants, including skin grafting. Dausset was awarded the 1980 Nobel Prize in Physiology or Medicine for this work.

**Dieter Zschock**, professor of economics, participated in a two-week mission to Germany in June, accompanied by staff of the United States Embassy. SUNY Vice Provost for International Programs Ron Bloom also joined the mission, which was organized to explore mutual interest between SUNY and East German universities for future faculty/student exchanges and cooperative research. Zschock also visited the universities of Konstanz and Tübingen, where Stony Brook has established relationships.

**Barbara Baskin and Joan Kuchner**, faculty members in the Child and Family Studies program of the Social Sciences Interdisciplinary Program, presented a series of workshops on "Humor and the Pre-schooler" at the Conference of the New York State Association for the Education of Young Children, held in May.

Two professors at Stony Brook have been named Distinguished Service Professors by the State University of New York Board of Trustees: **Robert D. Cess**, leading professor of mechanical engineering, and **J.R. Schubel**, dean and director of the Marine Sciences Research Center. Cess and Schubel are the fourth and fifth faculty members, respectively, to receive the designation. The rank of distinguished service professor recognizes faculty members whose sustained, scholarly efforts have been directed toward issues of public concern. Cess is known worldwide for his research on global warming and the greenhouse effect. Schubel was cited for his long-running efforts to use scientific results to solve societal problems.

**Lara Jacobson and David Joachim**, students at Stony Brook, received collegiate journalist awards from the Press Club of Long Island chapter, Society of Professional Journalists, at the annual Media Awards Dinner in June. The students each received \$1,000. The awards are jointly funded by the chapter and *Newsday*. Both winners serve as editors-in-chief of two campus newspapers, Jacobson with the *Stony Brook Press*, Joachim with the *Statesman*.

Five staff members received the 1991 President's Award for Excellence in Classified Service. They are **Nicholas Koridls**, architectural designer for Facilities Engineering; **Mary Crabtree**, administrative assistant in the Accounting Department; **Beverly Munoz**, senior clerk in the Accounts Payable office; **Jean Giarratano**, keyboard specialist at the School of Nursing; and **Jean Kendrick**, secretary for the Department of Art.

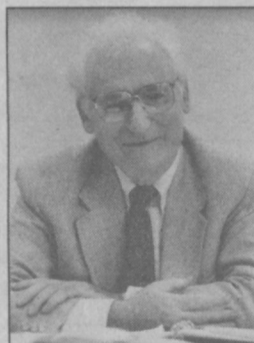
## Transitions

**Patrick Heelan**, dean for Humanities and Fine Arts pro tem and professor of philosophy, has been named permanent dean for Humanities and Fine Arts at Stony Brook.

Heelan came to Stony Brook in 1970. He served as chair of the Department of Philosophy from 1970-74, and from 1975-79 was vice president for Liberal Studies and Dean of Arts and Sciences. He served as acting chair of the Department of Religious Studies from 1985-86.

During his student days, Heelan earned two doctorates: a Ph.D. in philosophy from the University of Louvain, Belgium, in 1964, and a Ph.D. in geophysics from St. Louis University in 1952. He was elected to the New York Academy of Sciences and the New York Philosophy Club, and in 1983 was named a National Science Foundation Senior Fellow.

Among his publications are *Quantum Mechanics and Objectivity* (The Hague, 1965), and *Space Perception and the Philosophy of Science* (University of California Press, 1983). He has



written numerous articles on the philosophy of science.

Commenting on Heelan's appointment to the deanship, Provost Tilden Edelstein says, "I am pleased that a scholar of Professor Heelan's stature and seniority has agreed to accept responsibility in this key field at a critical time for the university."

**Sheldon L. Cohen**, B.A. '77, was installed as the new president of the university's 26-year-old Alumni Association in June. He will serve a two-year term, replacing outgoing president **Catherine Minuse**. Stony Brook's alumni number about 60,000.



Cohen, assistant vice president in the tax department of Metropolitan Life Insurance Company, earned his undergraduate degree in political science at Stony Brook. He earned a J.D. degree from S.U.N.Y. at Buffalo School of Law in 1980, and is currently majoring in

taxation at New York University School of Law, where he is pursuing an L.L.M. degree. At Metropolitan Life, he provides technical and policy analysis on life insurance tax legislation and develops legislative, regulatory and administrative tax initiatives.

"The Alumni Association needs to get involved in making sure the university attracts the highest quality of undergraduates we can," says Cohen. "Let them come to Stony Brook, have a great time and learn a lot. And, through the Career Advisors' Network, we'll help them launch themselves in the real world when they graduate." The Career Advisors' Network is a recent initiative of the Alumni Association, pairing students with professionals in the area of the students' interest.

Cohen also feels the Alumni Association should participate more in legislative and policy decisions affecting the university and in generating revenue for the university community.

Cohen and his wife Cindy (Messinger), a '78 graduate of Stony Brook, live in Woodbury with their two children, Craig, 7, and Erica, 4.

**Frances Brisbane** has been appointed dean of the School of Social Welfare. Brisbane was serving as acting dean during the 1990-91 academic year. Commenting on her appointment, J.Howard Oaks, vice president for the Health Sciences Center, speaks of "the great pleasure that Dr. Marburger and I have in making this

appointment. We all look forward to Dr. Brisbane's vigorous leadership and to the pleasures of working with her."

**Floris Cash**, assistant professor of Africana Studies, has been reappointed director of the Program in Africana Studies for the current academic year.

**Thomas Neumiller**, professor of theatre arts, has been designated acting chair of the Department of Theatre Arts for the fall 1991 semester. Neumiller replaces Farley Richmond, professor of theatre arts, who is on sabbatical in India for six months.

**John Reeves**, director of Physical Education and Athletics at Stony Brook since 1987, has accepted the position of athletic director at Columbia University. During his years at Stony Brook, Reeves was instrumental in the university's rise to Division I in lacrosse and women's soccer, and helped guide the construction of the Indoor Sports Complex. No replacement has been named at this time.

**Joel Rosenthal**, professor of history, has been designated chair of the Department of History for a term beginning September 1, 1991 and ending August 31, 1992. He replaces Fred Weinstein, professor of history.

# SPORTS ROUNDUP

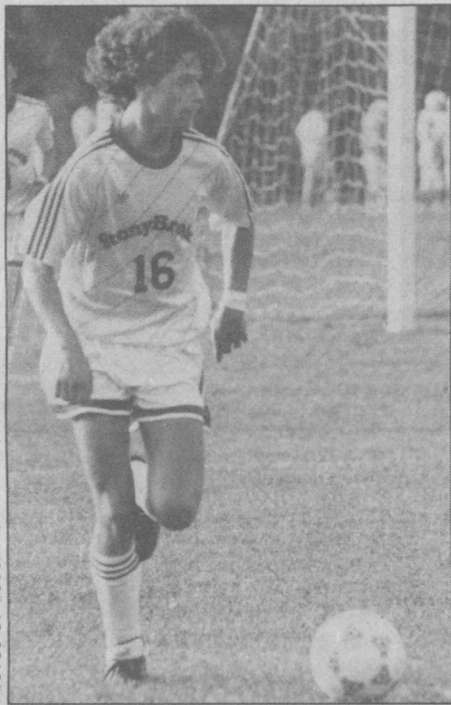


PHOTO BY ROBERT O'BOURKE

Chris Grillo defends the goal.

## Men's Soccer

Head coach Nick Sansom begins his first year at the helm of the men's soccer team with "a straightforward system ensuring that each player understands how he fits into the scheme of the team."

Sansom expects a competitive pre-season. "The 11 players who perform the best in the pre-season will be given starting roles," he says. "Those players who play well, work hard in the games and in practice, and fit best into the system will get a majority of the playing time during the season."

The team faces a demanding schedule in 1991. The Patriots will oppose perennial NCAA tournament teams Cortland State and Montclair State, as well as Division I Hofstra and Division II C.W. Post. For the first time, this year soccer will be a conference sport in the three-year-old Skyline Conference. Stony Brook is expected to challenge for top honors against some of the best Division III programs in the Metropolitan New York area.

"The Skyline Conference provides us with a schedule-within-a-schedule, which will enable my team to remain focused throughout the season as we — hopefully — challenge for the conference title."



Bill Justesen (87) runs with the ball.

## Football

Stony Brook's football team will return 15 starters for the 1991 season. Head coach Sam Kornhauser is optimistic that his team can challenge the remaining five teams in the Liberty Football Conference and battle for top honors.

The entire offensive backfield returns from last season, when quarterback Joe Moran, halfback Oliver Bridges and fullback George Kasimatis missed games due to injuries. With all three healthy for 1991,

the Patriots are expecting big things. Bridges, a junior, ran for 1235 yards in his freshman season and is Stony Brook's career rushing leader. Three members of the offensive line are returning, including first team all-conference tackle Lawrence Kershaw. Flanker Orazio Bucolo and four seniors are expected to vie for the starting wide receiver spots.

The defensive secondary returns all three starters, including all-conference performer Bill Zagger, who led the Patriots in six special teams categories and tied an NCAA record with a 100-yard interception return for a TD last year. Michael Benedetto and Victor Jean, second and third on the team in tackles in 1990, will anchor a strong linebacking corps. Second year performer Tom Furrer (39 tackles and 6 sacks) is expected to be the mainstay of an improving defensive front. Senior Bill Zagger will handle the punting chores and all punt and kick return duties for another season. Returning kicker Rich Black is expected to be challenged for his job by incoming freshman Dino Kalesis.

The 1991 Patriots expect to field the strongest team ever.

## Women's Cross Country

"Leading our pack will be sophomores Delia Hopkins and Nicole Hafemeister, co-captains. They provide women's cross country with a strong one-two punch," says head coach Steve Borbet. Both were All-CTC and PAC runners a year ago. Third co-captain for 1991 is senior Meegan Pyle. Pyle was the team's most improved runner a year ago and has continued to get better throughout the year.

Also returning are Vanessa Rose, Diana Kubler, Lisa Silberman and Farah Mercer. "Vanessa has stated she will return in the best shape of her life and will look to improve on her 21:01 of a year ago," Borbet reports.

Erin McAvoy, a transfer last year, along with Liz Murer and Amy Panzica, will run their first cross-country season at Stony Brook. Murer and Panzica competed as members of the university's indoor and outdoor track teams a year ago.

Incoming freshmen will play a vital part in the success of the team. "New York State Track qualifiers Carey Cunningham and Luci Rosalia join our team and both have the talent to run close to 20:00." Other newcomers are Jennifer Smythe, Sue Alexander,

Adrienne Leifer, Saunsarae Montanez and Crystal Plati.

Anne Marie Vermaulen, Anne Hopkins and Aimee Medina are transfers. "These three women will be battling to get into our top seven," says Borbet.

"Our outlook for this season is very positive. We hope to place in the top three in all our invitationals, capture the PAC title, and place in the top five in the NYSWCAA, ECAC, and NCAA Regional Championships. This is probably the most talented team at Stony Brook since 1984."

## Women's Volleyball

"Last year was the best season in Stony Brook volleyball history," says Lady Patriot head coach Teri Tiso. The 1991 women's volleyball team will return five players from the 39-8 squad that captured the New York State Women's Collegiate Athletic Association Championship and advanced to the final game of the NCAA Division III Women's Volleyball Tournament's East regional.

Tiso expects last year's successes to pay off this fall and "enable us to achieve one of our goals — a national ranking."

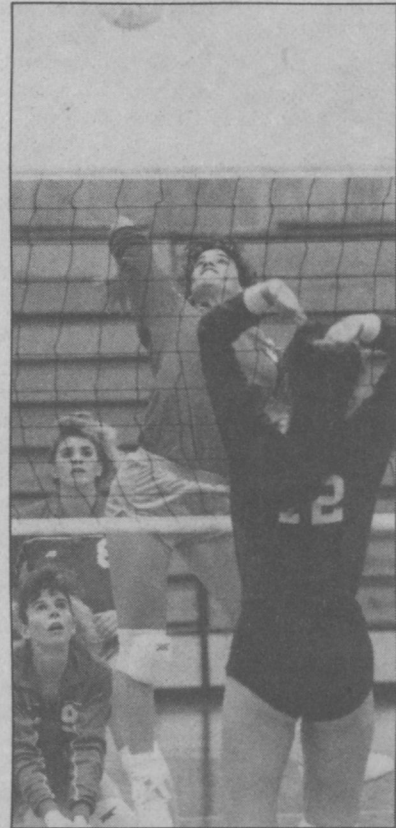
The Lady Patriots are scheduled for six tournaments, along with the state tournament at the conclusion of the season. "We will be participating in the Rochester Institute of Technology Tournament for the first time, along with the perennially strong Elizabethtown Invitational," says Tiso. "The entire Rochester field consists of eight NCAA Tournament teams from last year. The tournament will give me the opportunity to see how we stack up against some of the best schools in the nation."

"For the first time in our history we will be hosting two in-season tournaments. Our fans will have the opportunity to see good, exciting volleyball at home," Tiso says.

Once again coach Tiso has recruited a strong class. "Every student-athlete we brought in this year was an All-League performer," she says. "In addition, four were All-County, and four have played for the Suffolk Volleyball Club."

"By combining new players with the existing offensive weapons, our offense will definitely be our strong point in 1991." She adds that the team is in great shape, thanks to Dave Caldiero's conditioning class.

"We realize that we have added pressure to perform this season, because we are the defending state champions. I am confident this team will rise to the challenge."



Spiking the ball for Stony Brook is Stacia Nikas.

face one of the stiffest schedules in the East, with games against Rutgers, Princeton and Boston College. Added to the schedule for 1991 are traditionally strong soccer schools such as James Madison, Dartmouth, and Yale. "It is very exciting for me and the team to be competing against the top teams in the East," says Ryan. "In our secondary season we played against many of these schools and fared the best we ever have. Included in our spring season was a best-ever second place in our home tournament, where we lost the championship game to Princeton in overtime."

Joining the 1991 Lady Patriots will be two All-State performers, two All-County players, and a host of All-League performers. "I am genuinely excited as I look to the future of Stony Brook soccer."

## Men's Cross Country

Head coach Steve Borbet thinks the prospects for the 1991 men's cross-country team are bright. "We have our two top runners and captains back in Pat McMurray and Dave Briggs," says Borbet. "Pat has run 25:35 for five miles and will be a contender for individual honors in every race this season. Dave has run one of the ten fastest times in university history."

Other returnees to the squad include Dan Griffin, Rob Loughlin, Hank Shaw, Hoonkee Shin and Mike Brecher.

Newcomers will play a part in the makeup of this year's squad, with coach Borbet adding a mix of freshmen and transfers to his team. "Freshmen Dan Tupaj, Brian Nardella, Charles Miller and John Pikramenos are all talented runners who could be in the team's top five before the close of the season," says Borbet. Other freshmen to watch are Jason Clark, Wayne Bailey, Vito LaFata and Marshall McClean.

Transfers include Marc Conti, a former Suffolk County 800 champion, George Dabbiero, who has run 28:00 for five miles, and Mike Kelly, who ran the mile in 4:35 in high school.

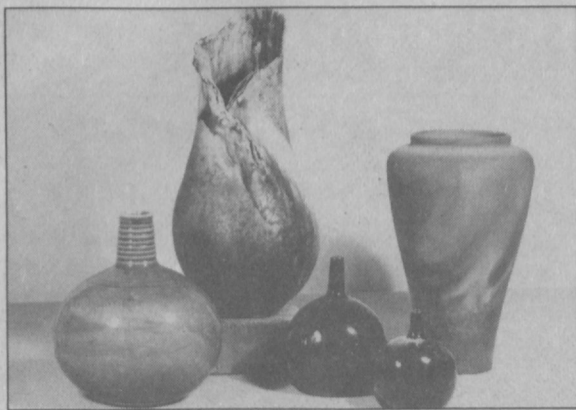
"This team has the ability to place in the top three in all of our invitationals, win the PAC Championships, and be in the top five in the Albany Invitational, the ECAC and NCAA Regional Championships."



Colleen McGowan dribbles the ball.

## Women's Soccer

As the Stony Brook women's soccer team enters its fourth season at the Division I level, head coach Sue Ryan sees her squad poised to take the next step. "The past three years we've been competing at the Division I level with young players and players



HEIDI BROWN

### Union Gallery to Feature Craft Center Ceramists

The Stony Brook Union Gallery will present an exhibition of the work of four ceramicists, from Thursday, Sept. 5, through Friday, Sept. 20.

Included in the show will be art by Pryde Bayliss, Peter Van Roy, Mena Romano and Richard Reuter, all instructors in the Pottery Studio at the Union Crafts Center. An opening reception will be held on Thursday, Sept. 5, from 7:00 p.m.-9:00 p.m.

Pryde Bayliss, curator of the exhibition, began working in clay in Somerset West, Cape Province, in South Africa, where she set up a pottery studio. In England she later studied and taught pottery at Cannon Hill Park in Birmingham and exhibited at Birmingham's Dudley Art Museum. She is currently artist-in-residence for the Union Crafts Center and has her own studio in Rocky Point.

Peter Van Roy first learned to work with clay at the Atelier de la Tour in Aix-en-Provence, France, and later studied in Santa Monica, California. He has a studio in Holbrook.

Mena Romano studied fine arts at Suffolk County Community College in Selden and Long Island University, C.W. Post. In addition to teaching ceramics at the Union Crafts Center, she teaches sculpture and fine art at S.C.C.C., at the Smithtown Township Arts Council and the Huntington Township Arts League. Her work has been exhibited at the Mill Pond House, Islip Arts Museum, Wunsch Arts Center and the New York Art Exhibition in Chicago.

Richard Reuter is technical manager of the Ceramic Department at S.C.C.C. His

work has been shown at Gallery North, Huntington Township Arts League, East End Arts Council and Islip Art Museum. In New York City he has been included in exhibits at New York University, Columbia University, Lincoln Center and the Armory.

The Union Gallery is on the second floor of the Stony Brook Union. Hours are noon to 5:00 p.m. For information, 532-6822.



"Don Quixote," bronze, by George Koras

### Art Faculty Presents Group Show

From impassioned to serene and even whimsical, "The Faculty Show '91," bridges a variety of moods, styles and media. Paintings, sculpture, prints, photographs and video drawings by 16 faculty members of the Department of Art will be exhibited in the University Art Gallery from September 10 through November 2.

Included in the 45 works are *Study, Hills,*

### Guild Trio Gives Benefit Concert

Stony Brook's Guild Trio will perform a concert to benefit the School of Medicine's Institute for Medicine in Contemporary Society on Saturday, Sept. 14, at 8 p.m. in the Recital Hall of the Staller Center for the Arts.

The program will include Haydn's "Gypsy Rondo," Shostakovich's "Trio No. 2 in E minor," and Mendelssohn's "Trio in D minor." Tickets are \$20 per person and can be reserved by calling the Institute at 444-2765.

Members of the trio are Brooks Whitehouse, cellist, who earned his master's and doctoral degrees at Stony Brook; violinist Janet Orenstein and pianist Patricia Tao. Tao and Orenstein are doctoral candidates at Stony Brook. The group won the 1988 USIA Artistic Ambassador Competition, resulting in a seven-country European tour the following year. They were the trio-in-residence at the



Front to back, Patty Tao, Janet Orenstein and Brooks Whitehouse

Tanglewood Music Center in 1990, and won first prize in the Chamber Music Yellow Springs Competition in April.

The Guild Trio, formed in 1985, will be artists-in-residence at the Health Sciences Center this coming academic year, performing a five-concert series and organizing an amateur chamber music workshop for faculty and students. The residency is believed to be the first of its kind in the country.

The Institute for Medicine in Contemporary Society, directed by Father Robert Smith, encourages the study of medicine through art, literature, law and philosophy, through study groups and conferences and seminars.

1991, oil on canvas by Mel Pekarsky; *Bones of the Human Skull*, 1990, watercolor and acrylic on illustration board by Stephen Nash; *Don Quixote*, 1991, bronze sculpture by George Koras; and *Sunken Treasures Gilded Pleasures*, 1990, ceramic sculpture with glazes, lusters, acrylics, glitter and glass gems by Toby Buonagurio.

Also in the group show are paintings of Jacques Guilmain, Terry Netter, Howardena Pindell, Kay WalkingStick and visiting art-

ists Yan-Ping Yang and Shan-Qing Zeng. Sculpture by James Beatman, Helen Harrison, James Kleege and Robert White will be included, as well as works on paper by printmaker Martin Levine, photographs by Thom Thompson and video drawings by Howardena Pindell.

The University Art Gallery is in the Staller Center for the Arts. Gallery hours are noon to 4:00 p.m., Tuesday through Saturday. Admission is free.

## Art Shows

### University Art Gallery, Staller Center for the Arts

The gallery is open Tuesday through Saturday, noon to 4 p.m.

- September 10-November 2, Faculty Show '91
- November 16-Dec. 18, New Traditions: Thirteen Hispanic Photographers
- February 4-26, MFA Show '92
- March 7-April 16, Julius Tobias
- May 1-May 14, Senior Show '92
- June 10-August 14, Reuben Kadish

### Union Art Gallery, Stony Brook Union

The gallery is open Monday through Friday, noon to 5 p.m.

- September 5-September 20, Ceramic Faculty Exhibition
- Work by faculty of the Union Crafts Center ceramics studio
- September 23-October 2, *Installation* by Maureen Palmieri
- October 4-October 15, *Name Project*, Long Island Panels
- October 18-October 31, *Art in the Service of the Community*
- Marlene Williams, photographs
- Nicaraguan paintings
- November 4-November 14, Ceramic Sculpture Students
- Work by students of Toby Buonagurio
- November 18-November 27, Student Exhibition
- Work by Kim Yellen and Patricia Risoli
- December 2-December 13, Student Exhibition
- Paintings by Edward Matthews

### In Theatre One: *The Dining Room*

Stony Brook Theatre presents A.R. Gurney's comic drama, *The Dining Room*, directed by Loyce Arthur, in Theatre One of the Staller Center for the Arts, Sept. 19 through 22 and Sept. 26 through 29. Thursday, Friday and Saturday performances are at 8 p.m. Sunday performances are at 2 p.m.

In this comedy of manners, young and old pass through the family dining room, clumsily communicating and elegantly misunderstanding one another, trying to hold onto elusive dreams and cope with imperfect realities.

With 18 scenes and 45 roles ranging from six-year-old children to 70-year-old grandparents, the play offers a look at growing up and growing old in a family whose values evolve over time. Arthur calls *The Dining Room*, "a bittersweet story about connections and relationships."



Don Graham, left, and Jeff Tusch in *The Dining Room*, directed by Loyce Arthur

The story takes place over a span of 60 years, but the setting is always the same: a stately but comforting dining room somewhere in the northeastern United States.

*The Dining Room* was performed in repertory this past summer, and is returning with the same cast and a different stage crew. Featured performers are Valerie Clayman, Donald Graham, Brian Kendell, Maria Loor, Cheryl Manne and Jeff Tusch.

Tickets are \$6 and \$8. Call the Staller Center Box Office at 632-7230 for information.

## SUNDAY

### SEPTEMBER 1

East Wing/Gym. Indoor Sports Complex open.

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

Campus Residences Welcome Wagon. 9:00 a.m. - 4:00 p.m.

OWA Mini-Meal Plan. Pick up prepaid meal tickets. 10:00 - noon; 4:30 - 6:30 p.m. Information desk, Stony Brook Union.

Residence Hall Association's Carpet Sale (through Sept. 4). 10:00 a.m. - 4:00 p.m. Saturday to Monday: between James and Ammann Colleges; Tuesday & Wednesday: near Kelly Cafeteria.

Continuing/Returning Students Check-In. 10:00 a.m. - 5:00 p.m.

Bagels and Bugs. Brunch with continuous Bugs Bunny cartoons. Mini-meal plan. 11:30 a.m. - 2:30 p.m. Bleacher Club, Stony Brook Union.

Wings and Things. Students use mini-meal plan. 5:30 - 7:30 p.m. Fannie Brice Food Mall, Roosevelt Quad.

Wings and Things II. 10:00 p.m. - 1:00 a.m. Stony Brook Union Ballroom.

## MONDAY

### SEPTEMBER 2

East Wing/Gym. Indoor Sports Complex open.

Student Union & Activities Campus Information Booths (through Sept. 6). 9:00 a.m. - 5:00 p.m.; Tuesday, 9:00 a.m. - 7:00 p.m. Engineering Loop, SB Union Information Desk and the Administration Building.

OWA Mini-Meal Plan. Pick up prepaid meal tickets. 10:00 - noon; 4:30 - 6:30 p.m. Information desk, Stony Brook Union.

FSA Flea Market (through Sept.). 10:00 a.m. - 4:00 p.m. North patio, Stony Brook Union (rain location: SB Union Ballroom).

Residence Hall Association's Carpet Sale. 10:00 a.m. - 4:00 p.m., between James and Ammann Colleges.

Student Union & Activities, Annual Fall Poster Sale (through Sept. 6). 10:00 a.m. - 5:00 p.m. Monday: Fireside Lounge, SB Union; Tuesday - Friday, Bi-level, SB Union.

Student Union & Activities, "Paint the Town Red" Bus Tours (Stony Brook, Port Jefferson and Lake Grove). 11:00 a.m. - noon and 12:30 p.m. - 1:30 p.m. Meet in front of Stony Brook Union.

Brunch Mini-Meal Plan. 11:30 a.m. - 2:30 p.m., Bleacher Club, Stony Brook Union.

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

Chapin Family Affair Barbecue. 1:00 - 5:00 p.m., Chapin Apartments. Sponsored by Chapin Apts., Child Care Services. Call 632-6755.

Student Union & Activities Meeting for Opening Week Activities Volunteers. 2:00 - 3:30 p.m. Room 236, Stony Brook Union. Call 632-6823.

Annual Hillel Kosher Barbecue. 5:00 p.m. Earth & Space Sciences Plaza. Sponsored by the Hillel Foundation. Call 632-6565.

"Leghorns" Chicken Dinner. Band and DJ. Students use mini-meal plan. 5:30 - 7:30 p.m., between the SB Union and the Sports Complex.

Student Union & Activities, "From Report Card

to Transcript: Understanding the Grading System" (for residents). 8:00 - 9:30 p.m. Eleanor Roosevelt Cafeteria/Fireside Lounge, Tabler Cafeteria, Irving College/Main Lounge.

## TUESDAY

### SEPTEMBER 3

First Day of Classes. Late registration also begins with a \$30 late fee assessed (through Sept. 19). Registrar's Office, 2nd floor lobby, Administration. Call 632-6885.

East Wing/Gym. Indoor Sports Complex open.

Student Union & Activities Campus Information Booths. 9:00 a.m. - 7:00 p.m. Engineering Loop, SB Union Information Desk, and the Administration Building.

Student Union & Activities, Annual Fall Plant and Pottery Sale. 10:00 a.m. - 3:00 p.m. Lobby, Stony Brook Union.

FSA Flea Market. 10:00 a.m. - 4:00 p.m. North patio, SB Union (rain location: SB Union Ballroom).

Residence Hall Association's Carpet Sale. 10:00 a.m. - 4:00 p.m., near Kelly Cafeteria.

Student Union & Activities, Annual Fall Poster Sale. 10:00 a.m. - 5:00 p.m. Bi-level, Stony Brook Union.

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

Student Union & Activities, "Student vs. Faculty Trivia Challenge." 2:00 - 4:00 p.m. Fireside Lounge, Stony Brook Union.

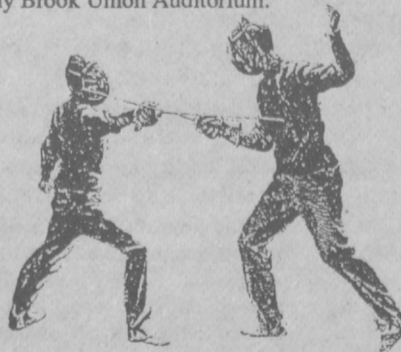
Student Union & Activities, "From Report Card to Transcript: Understanding the Grading System" (for commuter students). 2:30 - 4:00 p.m. Room 237, Stony Brook Union.

FSA Farmer's Market, 3:00 - 6:30 p.m., North P lot. Every Tuesday. Call 632-6510.

All-University Barbecue. Traditional annual kickoff to the new academic year. All students, faculty and staff invited. Live band, orientation reunion, computer display (IBM, Macintosh, etc.), live mike (talent showcase). 4:30 - 7:30 p.m. Fine Arts Plaza (rain location for meal: cafeterias will open; rain location for events: SB Union Ballroom).

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

Student Union & Activities, "Begin on the Right Foot: Know Your Rights." 7:45 - 9:00 p.m., Stony Brook Union Auditorium.



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

Interfraternity and Sorority Council Bash: Welcome Back Party. 9:00 p.m. - 1:00 a.m. Stony Brook Union Ballroom.

## WEDNESDAY

### SEPTEMBER 4

East Wing/Gym. Indoor Sports Complex open.

Student Union & Activities Campus Information Booths. 9:00 a.m. - 5:00 p.m. Engineering Loop, SB Union Information Desk, and the Administration Building.

Student Union & Activities, Annual Fall Plant and Pottery Sale. 10:00 a.m. - 3:00 p.m. Lobby, Stony Brook Union.

FSA Flea Market. 10:00 a.m. - 4:00 p.m. North patio, SB Union (rain location: SB Union Ballroom).

Residence Hall Association's Carpet Sale. 10:00 a.m. - 4:00 p.m., near Kelly Cafeteria.

Student Union & Activities, Annual Fall Poster Sale. 10:00 a.m. - 5:00 p.m. Bi-level, SB Union.

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

Center for Academic Advising, Academic Assistance Tables. Noon - 2:00 p.m. Main Lobby, Library.

ARA Bake Off! Pastries and baked goods sold. 12:30 - 2:00 p.m. Fireside Lounge, Stony Brook Union.

Cultural Diversity Day: Speak Out on Diversity Issues. Open microphone. 12:40 - 2:10 p.m. Fireside Lounge, Stony Brook Union.

Cultural Diversity Day: Cultural Trivia Game. 2:00 - 3:00 p.m. Fireside Lounge, Stony Brook Union.

Commuter Spirit! Band and comedian. Sponsored by the Commuter College. 12:40 - 2:10 p.m. SB Union Ballroom (rain location: SB Union Auditorium).

Returning Students Network Open House (coordinated by Student Union & Activities). 12:40 - 2:10 p.m. Alliance Room, Main Library.

Physical Education & Athletics, "Fit for Life! Health and Wellness" (information session). 12:40 - 2:10 p.m. Room 233, Stony Brook Union.

Student Union & Activities, "University Department/Student Group Welcome Receptions." 3:30 - 5:00 p.m. Fireside Lounge, Stony Brook Union.

Physical Education & Athletics, "Bo Knows the Indoor Sports Complex. Do You?" Evening of recreation. 6:00 - 10:00 p.m. Indoor Sports Complex.

Christian Fellowship Meeting. 8:30 - 9:45 p.m. Room 214, Stony Brook Union. Sponsored by Campus Crusade for Christ.

Hillel Bonfire with Music. 9:00 p.m. G Quad, rear of Irving College. Sponsored by the Hillel Foundation.

Cultural Diversity Day Celebration Party. 9:00 p.m. - 2:00 a.m. Stony Brook Union Ballroom.

## THURSDAY

### SEPTEMBER 5

East Wing/Gym. Indoor Sports Complex open.

Student Union & Activities Campus Information Booths. 9:00 a.m. - 5:00 p.m. Engineering Loop, SB Union Information Desk, and the Administration Building.

Stony Brook Union Open House. 9:00 a.m. - 5:00 p.m. Food specials at Stony Snacks, Union Deli, Bleacher Club, Papa Joe's and Rainy Night House.

CED Senior Citizen Auditor Program registration. 10:00 a.m. - 2:00 p.m. S102 Ward Melville Social & Behavioral Sciences. Call 632-7050.

Student Union & Activities, Annual Fall Plant and Pottery Sale. 10:00 a.m. - 3:00 p.m. Lobby, Stony Brook Union.

FSA Flea Market. 10:00 a.m. - 4:00 p.m. North patio (rain location: SB Union Ballroom).

Student Union & Activities, Annual Fall Poster Sale. 10:00 a.m. - 5:00 p.m. Bi-level, SB Union.

Student Union & Activities, Campus Resource Fair. 11:00 a.m. - 3:00 p.m. Stony Brook Union Ballroom.

Student Government Open House: Meet Your Student Leaders. 11:00 a.m. - 8:00 p.m. Student Polity Suite, Stony Brook Union.

Interfaith Center Welcome Fair. 11:00 a.m. - 8:00 p.m. Refreshments served. Fireside Lounge, Stony Brook Union.

Hospital Chaplaincy Interfaith Prayer Service. Noon, Level 5, Chapel, Health Sciences Center. Every Thursday. Call 632-6562.

University Hospital and the American Cancer Society, "Look Good, Feel Better Program," for women of all ages undergoing cancer treatment to develop skills to improve their appearance and their self-image. 1:00 - 3:00 p.m., North Tower Conference Room, Level 15, Health Sciences Center. Free parking; validate at meeting. Call 444-2880.

Student Union & Activities, Polar Cap Ice Cream Social. 1:00 - 3:00 p.m. Courtyard, Stony Brook Union (rain location: Bi-level, SB Union).

Free Barbecue and Volleyball. 4:00 - 6:30 p.m. Irving Volleyball Court, G Quad. (Rain date: Sept. 6.) Sponsored by Campus Crusade for Christ.

Hillel Graduate Welcome Reception. Wine and cheese served (ID required). 5:00 p.m. 157 Humanities. Sponsored by the Hillel Foundation.

Union Art Gallery Open House. 7:00 - 9:00 p.m. Stony Brook Union.

Tokyo Joe's Dance Party. 9:00 p.m. - 2:00 a.m. Ballroom, Stony Brook Union. Sponsored by Student Activities Board.

## FRIDAY

### SEPTEMBER 6

East Wing/Gym. Indoor Sports Complex open.

Student Union & Activities Campus Information Booths. 9:00 a.m. - 5:00 p.m. Engineering Loop, SB Union Information Desk, and the Administration Building.

Student Union & Activities, Annual Fall Plant and Pottery Sale. 10:00 a.m. - 3:00 p.m. Lobby, Stony Brook Union.

FSA Flea Market. 10:00 a.m. - 4:00 p.m. North patio, SB Union (rain location: SB Union Ballroom).





## TUESDAY

SEPTEMBER 10

Rosh Hashanah recess.

Women's Soccer vs. Iona. 4:00 p.m. Call 632-7287.

Women's Volleyball vs. Fordham. 7:00 p.m. Call 632-7287.

## WEDNESDAY

SEPTEMBER 11

Last day for students to drop a course without tuition liability.

Campus Job Fair for Students. 10:00 a.m. - 3:00 p.m. Ballroom and Fireside Lounge, Stony Brook Union. Cosponsored by Campus Auxiliary Services and Student Union and Activities.

President Marburger's 1991 Convocation Address, "The Character of Stony Brook." 12:30 p.m. Recital Hall, Staller Center for the Arts.

Campus Life Time Meeting, Club India. 12:40 - 2:10 p.m. Room 236, Stony Brook Union.

Campus Life Time Meeting, WUSB FM. 12:40 - 2:10 p.m. Room 237, Stony Brook Union. Call 632-6500.

Men's Soccer vs. Staten Island (Skyline Conference Game). 4:00 p.m. Call 632-7287.

## THURSDAY

SEPTEMBER 12

CED Real Estate Professional Licensing Program, "Salesperson." 7:00 - 10:15 p.m. Preregistration required. For fee and room location, call 632-7071.

Office of the Provost Distinguished Lecture Series, "At the Mercy of America: Education and the Accident of Birth," Jonathan Kozol, educator, activist, and author. Cosponsored by *Newsday*. 8:00 p.m. Recital Hall, Staller Center for the Arts. Free. Call 632-7000.

## FRIDAY

SEPTEMBER 13

CED Real Estate Appraisal Program, "Review Course for the NYS Appraisal Exam." 9:00 a.m. - 5:00 p.m., two full days (Sept. 14). Also offered Nov. 1-2. Preregistration required. For fee and location, call 632-7071.

## SATURDAY

SEPTEMBER 14

B'nai B'rith Hillel Foundation Shabbat Shuvah Service. 9:30 a.m. Conservative service - Tabler Cafe; Orthodox - Roth Cafe.) Call 632-6565.

Men's Cross Country Stony Brook Invitational. 10:30 a.m. Sunken Meadow Park. Call 632-7287.

Women's Cross Country Stony Brook Invitational. 10:30 a.m. Sunken Meadow Park. Call 632-7287.

Women's Soccer Invitational Holiday Inn Express. James Madison vs. Boston College, noon; Stony Brook vs. Colgate, 2:30 p.m. Call 632-7287.

Stony Brook Guild Trio Benefit Concert for the Institute for Medicine in Contemporary Society. Program includes Haydn's "Gypsy Rondo," Shostakovich's "Trio No. 2 in E minor," and Mendelssohn's "Trio in D minor." 8:00 p.m. Recital Hall, Staller Center for the Arts. \$20. For tickets, call 444-2765.

## SUNDAY

SEPTEMBER 15

Women's Soccer Invitational Holiday Inn Express. Third Place game, noon; Championship game, 2:00 p.m. Call 632-7287.

## MONDAY

SEPTEMBER 16

Women's Tennis vs. Hofstra. 3:30 p.m. Varsity Courts. Call 632-7287.

Men's Soccer vs. Hunter (Skyline Conference Game). 4:00 p.m. Call 632-7287.

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

Humanities Institute Cosponsored Film Series, *Iron and Silk*. Mark Salzman plays himself in this film version of his award-winning autobiography. (Cosponsored with the Greater Port Jefferson Arts Council and the Port Jefferson Village Cinema.) 8:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$4; 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.

## TUESDAY

SEPTEMBER 17

No classes after 4:30 p.m.

B'nai B'rith Hillel Foundation Yom Kippur Service, Kol Nidre. Orthodox - 6:00 p.m., Roth Cafe; Conservative - 6:15 p.m., Tabler Cafe. (Supervised child care available at Conservative service, 6:15 p.m. to end of service.) Call 632-6565.

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

## WEDNESDAY

SEPTEMBER 18

Yom Kippur, no classes.

B'nai B'rith Hillel Foundation Yom Kippur Service, Morning Service. Orthodox - 8:30 a.m., Roth Cafe; Conservative - 9:30 a.m., Tabler Cafe. (Supervised child care available at Conservative service 9:30 a.m. to end of service.) Call 632-6565.

B'nai B'rith Hillel Foundation Yom Kippur Service, Mincha, Ne'ilah. 5:00 p.m.: Orthodox service - Roth Cafe; Conservative - Tabler Cafe. (Supervised child care available at Conservative service 5:00 p.m. to end of service.) Call 632-6565.

## THURSDAY

SEPTEMBER 19

Last Day for undergraduates and CED/GSP students to add/drop a course without a W grade being recorded; last day for undergraduates to change status to or from full time/part time.

Humanities Institute Faculty Lecture Series, "The Current Polarization of Literary Studies," Richard Levine, professor, English. 4:30 p.m. Library, E-4341. Call 632-7765.

Department of Theatre Arts Presentation, *The Dining Room*, by A.R. Gurney. (Also Sept. 26 - 29.) A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m., Thursday, Friday and Saturday; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## FRIDAY

SEPTEMBER 20

Last Day to file for December graduation clearance; last day for May undergraduates to file degree applications at Office of Records and receive notification before Advance Registration for spring semester.

Union Crafts Center, "Scuba Diving." First session: 9/20, 6:00 - 8:00 p.m.; 7 successive Sundays beginning 9/22, 6:00 - 9:00 p.m. Introduction classes consist of 3 parts: 8 classroom sessions, 7 pool training sessions, and 2 days open water training. NAUI certificate. (All equipment and books included. No extra charges or rentals.) Physical exam required. Instructor: D. Comando. Gym. \$275. To register, call 632-6822 or 632-6828.

Non-Instructional Figure Drawing. Practice from a live model. 7:30 - 9:30 p.m. Union Crafts Center. \$4. Every Friday. Call 632-6822.



Department of Theatre Arts Presentation, *The Dining Room*, by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m., Friday & Saturday; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SATURDAY

SEPTEMBER 21

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

Department of Theatre Arts Presentation, *The Dining Room*, by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m.; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SUNDAY

SEPTEMBER 22

Department of Theatre Arts Presentation, *The Dining Room*, by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 2:00 p.m. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

Student Union & Activities, Annual Fall Poster Sale. 10:00 a.m. - 5:00 p.m. Bi-level, SB Union.

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

Live Band: "Range in Motion." 1:00 - 3:00 p.m. Fireside Lounge, Stony Brook Union.

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

Movie Night. 9:00 p.m. - midnight. Stony Brook Union Auditorium. Sponsored by Zeta Delta Phi Sorority, Inc.

## SATURDAY

SEPTEMBER 7

East Wing/Gym. Indoor Sports Complex open.

B'nai B'rith Hillel Foundation, Orthodox Service. 9:30 a.m. Roth Quad Dining Hall, lower level. Services followed by Kiddush (light refreshments). Every Saturday. Call 632-6565.

Women's Volleyball vs. Molloy. 1:00 p.m. Call 632-7287.

Women's Soccer vs. LaSalle. 2:00 p.m. Call 632-7287.

Malik Sigma Psi Fraternity Fun in the Sun Barbecue. 4:00 - 7:00 p.m. G Quad.

Malik Sigma Psi Welcome Back Party. 9:00 p.m. - 2:00 a.m. Ballroom, Stony Brook Union.

## SUNDAY

SEPTEMBER 8

East Wing/Gym. Indoor Sports Complex open.

B'nai B'rith Hillel Foundation Rosh Hashanah Service, Evening Service. Orthodox service, 6:45 p.m. Roth Cafe; Conservative, 7:00 p.m., Tabler Cafe. Call 632-6565.

## MONDAY

SEPTEMBER 9

Rosh Hashanah recess.

B'nai B'rith Hillel Foundation Rosh Hashanah Service, Morning Service. Orthodox, 8:30 a.m., Roth Cafe; Conservative, 9:30 a.m., Tabler Cafe. (Supervised child care available at Conservative service 9:30 a.m. - 1:00 p.m.) Call 632-6565.

B'nai B'rith Hillel Foundation Rosh Hashanah Service, Tashlikh. 6:15 p.m. (Conservative & Orthodox.) Roth Pond. Call 632-6565.

B'nai B'rith Hillel Foundation Rosh Hashanah Service, Mincha, Ma'ariv. 6:45 p.m. (Conservative - Tabler Cafe; Orthodox - Roth Cafe.) Call 632-6565.

## WEDNESDAY

SEPTEMBER 25

**Union Crafts Center, "Scuba Diving."** 7 successive Sundays, 6:00 - 9:00 p.m. Introduction classes consist of 3 parts: 8 classroom sessions, 7 pool training sessions, and 2 days open water training. NAUI certificate. (All equipment and books included. No extra charges or rentals.) Physical exam required. Instructor: D. Comando. Gym. \$275. Call 632-6822 or 632-6828.

**Student Activities Information Fair.** 11:00 a.m. - 3:00 p.m. Fireside Lounge and Lobby, Stony Brook Union.

**Women's Soccer vs. WestPoint.** 3:00 p.m. Call 632-7287.

**Union Crafts Center, "Basic Photography."** 6 successive Wednesdays; 6:30 - 8:30 p.m. Camera and darkroom fundamentals; developing and printing techniques. Includes Membership, tools, equipment, chemicals and waste disposal fees. (Bring camera to class.) Instructor: M. Petroske. Photo Lab. \$80/students; \$95/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Bartending."** 8 successive Wednesdays; Sec. A - 7:00 - 8:30 p.m.; Sec. B - 8:45 - 10:15 p.m. Introduction to mixed drinks and liquors as well as bar management. In-class practice (simulated liquors), lectures and demonstrations. Certificate available. Instructors: T. Shapiro, G. Higgins. Fiber Studio. \$60/students; \$75/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Pottery Making I."** 8 successive Wednesdays; 7:00 - 9:00 p.m. Get a good foundation in the methods of throwing on the potter's wheel while making a variety of simple forms. Instructor: R. Van Roy. Crafts Center. \$80/students; \$100/non-students. (Fee includes 25 lbs. of clay, tools, firing and Membership.) To register, call 632-6822 or 632-6828.

## MONDAY

SEPTEMBER 23

**Union Crafts Center, "Pottery Making I."** 8 successive Mondays; 7:00 - 9:00 p.m. Get a good foundation in the methods of throwing on the potter's wheel while making a variety of simple forms. Instructor: R. Reuter. Crafts Center. \$80/students; \$100/non-students. (Fee includes 25 lbs. of clay, tools, firing and Membership.) To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Floor Loom Weaving I."** 8 successive Mondays; 7:00 - 9:30 p.m. Introduction workshop. Learn to warp and dress a four harness floor loom. \$10 material fee. Instructor: B. Hitzeman. Fiber Studio. \$80/students; \$95/non-students. (Fee includes Membership so you can work on your own outside of class.) To register, call 632-6822 or 632-6828.

**Humanities Institute Cosponsored Film Series, "An Evening with Carol Alt."** Award-winning L.I. filmmaker and environmentalist will screen and discuss her two documentaries. (Cosponsored with the Greater Port Jefferson Arts Council and the Port Jefferson Village Cinema.) 7:30 p.m. Port Jefferson Free Library. Free. Refreshments to be served. Call 632-7765.

## TUESDAY

SEPTEMBER 24

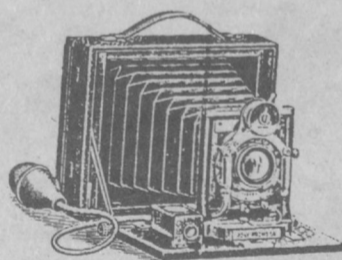
**Women's Tennis vs. Wagner.** 3:30 p.m. Varsity Courts. Call 632-7287.

**Union Crafts Center, "Bartending."** 8 successive Tuesdays; Sec. A - 7:00 - 8:30 p.m.; Sec. B - 8:45 - 10:15 p.m. Introduction to mixed drinks and liquors as well as bar management. In-class practice (simulated liquors), lectures and demonstrations. Certificate available. Instructors: T. Shapiro, G. Higgins. Fiber Studio. \$60/students; \$75/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Basic Photography."** 6 successive Tuesdays; 7:00 - 9:00 p.m. Camera and darkroom fundamentals; developing and printing techniques. Includes Membership, tools, equipment, chemicals and waste disposal fees. (Bring camera to class.) Instructor: A. Oberyshyn. Photo Lab. \$80/students; \$95/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Pottery Making II."** 8 successive Tuesdays; 7:00 - 9:00 p.m. Previous wheel experience required. Special attention to individual needs, achieving larger, taller work in more complex forms and a wide variety of projects. Clay, firing and Membership included. Instructor: R. Reuter. Crafts Center. \$80/students; \$100/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Watercolor Painting (All Levels)."** 8 successive Tuesdays; 7:00 - 9:30 p.m. Focus is on design elements, methods of watercolor and composition. The study of "How to see to paint" will include still life, photos or your own sketches. (Material list upon enrollment.) Instructor: S. Tortora. Room 4232, Staller Center for the Arts. \$70/students, \$85/non-students. To register, call 632-6822 or 632-6828.



**Union Crafts Center, "Intermediate Black & White Photography."** 6 successive Wednesdays; 8:30 - 10:30 p.m. Darkroom experience required. Emphasis on developing insight and vision into subject matter using basic techniques as well as acquiring advanced skills. Includes Membership, equipment, chemicals and waste disposal fees. (Bring your own paper.) Instructor: M. Petroske. Photo Lab. \$85/students; \$100/non-students. To register, call 632-6822 or 632-6828.

## THURSDAY

SEPTEMBER 26

**CED Management, Trade & Technical Seminar Series, "Conducting Effective Performance Appraisals."** 9:00 a.m. - 4:30 p.m. Preregistration required. For room location, call 632-7071.

**Women's Tennis vs. Old Westbury.** 3:30 p.m. Varsity Courts. Call 632-7287.

**Union Crafts Center, "Pottery Making II."** 8 successive Thursdays; 7:00 - 9:00 p.m. Previous wheel experience required. Special attention to individual needs, achieving larger, taller work in more complex forms and a wide variety of projects. Clay, firing and Membership included. Instructor: R. Van Roy. Crafts Center. \$80/students; \$100/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Floor Loom Weaving Beginning II."** 8 successive Thursdays; 7:00 - 9:30 p.m. Designed for those with basic knowledge of warping and dressing a loom. Develop skills and explore loom techniques. \$10-\$15 material fee. Instructor: J. Downs. Fiber Studio. \$80/students; \$95/non-students. To register, call 632-6822 or 632-6828.\*

**Department of Theatre Arts Presentation, *The Dining Room*** by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m., Thursday, Friday & Saturday; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## FRIDAY

SEPTEMBER 27

**Last Day for graduate students (except CED/GSP) to add/drop a course without tuition liability.**

**Department of Theatre Arts Presentation, *The Dining Room***, by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m., Friday & Saturday; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SATURDAY

SEPTEMBER 28

**Union Crafts Center, "Floor Loom Weaving I."** 8 successive Saturdays; 10:15 a.m. - 12:45 p.m. Introduction workshop. Learn to warp and dress a four harness floor loom. \$10 material fee. Instructor: B. Hitzeman. Fiber Studio. \$80/students; \$95/non-students. (Fee includes Membership so you can work on your own outside of class.) To register, call 632-6822 or 632-6828.

**Football vs. St. John's (Liberty Football Conference Game).** 1:00 p.m. Call 632-7287.

**Women's Soccer vs. American University.** 3:00 p.m. Call 632-7287.

**Department of Theatre Arts Presentation, *The Dining Room*** by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 8:00 p.m.; 2:00 p.m., Sunday. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## SUNDAY

SEPTEMBER 29



**Department of Music Organ Series, "The Young Bach and His Compositional Models."** Russell Stinson, assistant professor, music. Works by Bach, Buxtehude, Kuhnau and Raison, with spoken commentary. 7:00 p.m. Staller Center for the Arts. Free. Call 632-7330.



**Department of Theatre Arts Presentation, *The Dining Room***, by A.R. Gurney. A comic drama that takes place over 60 years, but the setting is always the dining room. 2:00 p.m. Theatre One, Staller Center for the Arts. Series and single tickets available. Call 632-7230.

## MONDAY

SEPTEMBER 30

**University Counseling Center Group Shop Workshop, "Reduce Your Lab Anxiety."** Two sessions (also Oct. 7). Learn to think and act a little more like a lab scientist. Exercises will be in the area of chemistry (students in other areas may benefit and are welcome to attend). Limited enrollment. 6:30 - 8:30 p.m. Free. To register and for classroom location, call 632-6715.

**Union Crafts Center, "Wine Appreciation."** 5 successive Mondays; 7:30 - 9:30 p.m. Taste tests, interesting lectures and discussions. At least 4 different wines at each class (not sampled in previous years). \$15 material fee. Instructor: M. Bernero. Crafts Center. \$55/students; \$65 non-students. To register, call 632-6822 or 632-6828.

**Humanities Institute Cosponsored Film Series, *The Unbelievable Truth*.** A fantastic, humorous love story filmed on Long Island. (Cosponsored with the Greater Port Jefferson Arts Council and the Port Jefferson Village Cinema.) 8:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$4; 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.

## TUESDAY

OCTOBER 1

**University Counseling Center Group Shop Workshop, "Alternative and Complementary Health Care."** For people who are seeking a non-invasive means to treat themselves and their loved ones. Includes: homeopathy, tissue salts and herbs. 7:00 - 9:00 p.m. Free. To register and for classroom location, call 632-6715.



**Union Crafts Center, "Beginning Social Dance."** 6 successive Tuesdays; 8:00-9:30 p.m. Beginners through experienced dancers. Learn the waltz, fox trot, rumba and more. No partner necessary. Instructor: V. Piccone. SB Union, lower bi-level. \$35/students; \$50/non-students. To register, call 632-6822 or 632-6828.

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

WEDNESDAY

OCTOBER 2

**Campus Life Time, Hispanic Heritage Month Opening Reception.** An Hispanic Heritage Month program. 12:40 - 2:10 p.m. Fireside Lounge, Stony Brook Union.

**Campus Life Time, Fraternity/Sorority Pledge-Rush Workshop.** 12:40 - 2:10 p.m. Room 231, Stony Brook Union. For information, call Student Union and Activities at 632-6828.

**Center for Academic Advising, "Internship Talk."** 12:40 - 2:10 p.m. Room 236, Stony Brook Union. Call 632-7082.

**Campus Life Time Meeting, Asian Students Association.** 12:40 - 2:10 p.m. Room 226, Stony Brook Union.

**Campus Life Time Meeting, Club India.** 12:40 - 2:10 p.m. Room 236, Stony Brook Union.

**Campus Life Time Meeting, WUSB FM.** 12:40 - 2:10 p.m. Room 237, Stony Brook Union. Call 632-6500.

**University Counseling Center Group Shop Workshop, "What Is It To Be A Male? What Is It To Be A Man?"** (For Men Only.) Explore the search for a workable male identity in a time of transition. Topics discussed: friendships, anger, relationships, sexuality, women, work, guilt, success/failure, loss, health, and resources. Noon - 1:30 p.m. Free. To register and for classroom location, call 632-6715.

**Women's Volleyball vs. Southampton.** 7:00 p.m. Call 632-7287.

**Union Crafts Center, "Introduction to Quilting."** 6 successive Wednesdays; 7:00 - 9:00 p.m. Learn the basic techniques of patchwork: how to draft patterns, make templates, choose colors, select fabric, cutting and piecing. (Material list upon enrollment.) Instructor: D. Dinnigan. \$50/students; \$60/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Wood Carving."** 6 successive Wednesdays; 7:00 - 9:00 p.m. Beginners course covering tools, sharpening, woods, carving styles and finishes. Two carving styles, relief and in-the-round, will be explored. (\$10 material fee.) Instructor: Y. Johnson. Crafts Center. \$55/students; \$65/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "T'ai' chi' ch' uan."** 8 successive Wednesdays; Sec. A - 7:30 - 8:30 p.m.; Sec. B - 8:30 - 9:30 p.m. Ancient Chinese form of moving meditation, stress reduction, health exercises and personal growth. Instructor: Jean Goulet. SB Union, lower bi-level. \$40/students; \$50/non-students. To register, call 632-6822 or 632-6828.

**Office of the Provost Distinguished Lecture Series, "Inventing America: 1492-1992,"** Geoffrey Fox, scholar, translator, and author. Cosponsored by *Newsday*. 8:00 p.m. Recital Hall, Staller Center for the Arts. Call 632-7000.

THURSDAY

OCTOBER 3

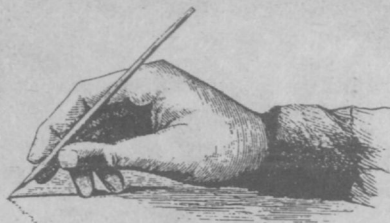
**CED Management, Trade & Technical Seminar Series, "The Fundamentals of Purchasing and Cost Reduction in Materials Management."** Two full days (also Oct. 4); 9:00 a.m. - 4:30 p.m. \$295; preregistration required. To register and for room location, call 632-7071.

**University Hospital and the American Cancer Society, "Look Good, Feel Better Program,"** for women of all ages undergoing cancer treatment to develop skills to improve their appearance and their self-image. 1:00 - 3:00 p.m., North Tower Conference Room, Level 15, Health Sciences Center. Free parking; validate at meeting. Call 444-2880.

**Humanities Institute Visiting Lecturer Series, "Imaginary Treason, Imaginary Law: the Treason Trials in England of 1794,"** John Barrell, University of Sussex, England. (Cosponsored with the Department of History's Eighteenth-Century Series.) 4:30 p.m. Library, E-4341. Call 632-7765.

**Union Crafts Center, "Basic Photography."** 6 successive Thursdays; 7:00 - 9:00 p.m. Camera and darkroom fundamentals; developing and printing techniques. Includes Membership, tools, equipment, chemicals and waste disposal fees. (Bring camera to class.) Photo Lab. \$80/students; \$95/non-students. To register, call 632-6822 or 632-6828.

**Union Crafts Center, "Clay Sculpture."** 8 successive Thursdays; 7:00 - 9:00 p.m. A survey workshop exploring a variety of techniques. Introduction to hand building and various methods of assembling. Clay, glazes and Membership included. Instructor: M. Romano. Crafts Center. \$80/students; \$100/non-students. To register, call 632-6822 or 632-6828.



**Union Crafts Center, "Drawing for All."** 6 successive Thursdays; 7:30 - 9:30 p.m. Everyone can draw. Students will explore still life, landscapes and the figure. All levels of interest are welcome. (Bring a newsprint pad, soft charcoal and a hard eraser to first class.) Instructor: D. Allen. Room 4232, Staller Center for the Arts. \$55/students; \$65/non-students. To register, call 632-6822 or 632-6828.

FRIDAY

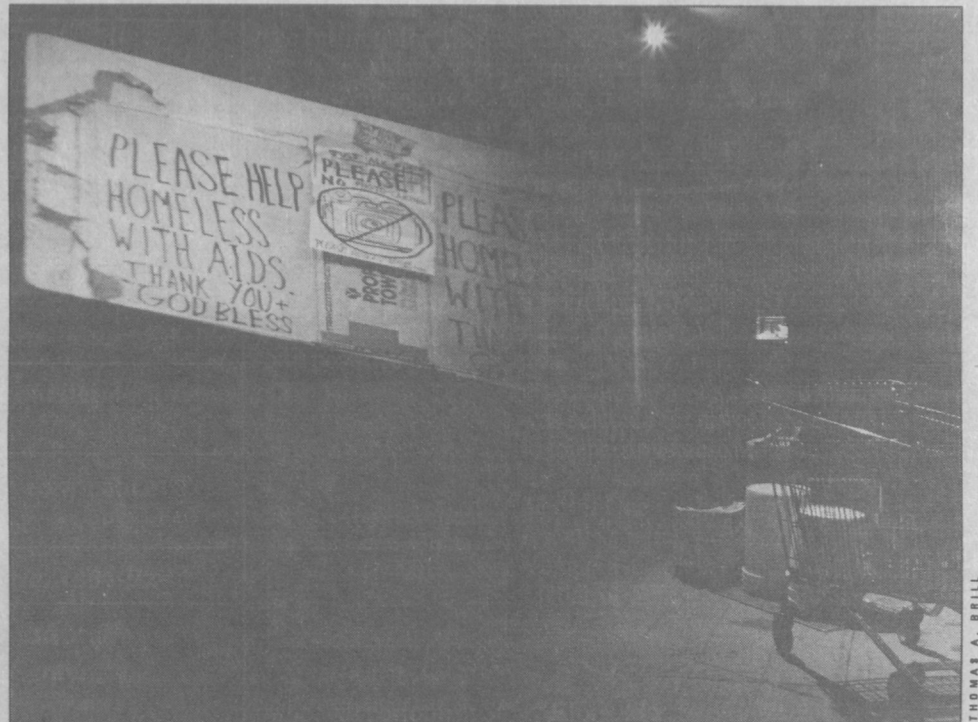
OCTOBER 4

**Humanities Institute Visiting Lecturer Series, "Women and Psychoanalytic Inheritance: Melanie Klein and Anna Freud,"** Jacqueline Rose, University of Sussex, England. (Cosponsored with the Feminist Colloquium Series.) 10:30 a.m. Library, E-4341. Call 632-7765.

**Women's Volleyball Stony Brook Invitational.** 3:00 p.m. Call 632-7287.

**Women's Tennis vs. Staten Island.** 4:00 p.m. Varsity Courts. Call 632-7287.

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



"Installation Piece" by Maureen Palmieri, opening Sept. 23 at the Union Art Gallery.

SATURDAY

OCTOBER 5

**Women's Volleyball Stony Brook Invitational.** 10:30 a.m. Call 632-7287.

**Humanities Institute Cosponsored Film Series, First Annual Film Festival.** The best of films at the Independent Feature Market. (Cosponsored with the Greater Port Jefferson Arts Council and the Port Jefferson Village Cinema.) Saturday, 11:00 a.m. - 6:00 p.m.; Sunday, 11:00 a.m. - 5:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$6 each day; \$10/weekend pass. 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.

**Women's Soccer vs. Villanova.** 1:00 p.m. Call 632-7287.

**Men's Soccer vs. Steven's Tech.** 3:30 p.m. Call 632-7287.

**Stony Brook Symphony Orchestra, Bradley Lubman, music director and principal conductor.** Features Rossini's *La Gazza Ladra*; Schuman's *Violin Concerto* - John McGrosso, violinist (winner DMA concerto competition); and Schumann's *Symphony No. 1 in B-flat Major*, opus 38 ("Spring"). 8:00 p.m. Main Stage, Staller Center for the Arts. For ticket information, call 632-7230.

SUNDAY

OCTOBER 6

**Humanities Institute Cosponsored Film Series, First Annual Film Festival.** The best of films at the Independent Feature Market. 11:00 a.m. - 5:00 p.m. Theatre Three, 412 Main St., Port Jefferson. \$6. 15% discount for seniors, students and members of the Greater Port Jefferson Arts Council. Call 632-7765.



Stephen Nash, "Bones of the Human Skull," watercolor and acrylic on illustration board, at the Faculty Show '91 at the University Art Gallery, Sept. 10-Nov. 2.

EXHIBITS

**September 5-20: Ceramic Faculty Exhibition.** Works by studio artist-in-residence Pryde Bayliss, instructors Richard Reuter, Mena Roman and Peter Van Roy. Union Art Gallery, 2nd floor, Stony Brook Union. Reception: September 5, 7:00 - 9:00 p.m. All are invited to come and meet the artists.

**September 10-November 2: The Faculty Show '91.** On exhibition are paintings, sculpture, prints, photographs and video drawings by 16 faculty members of the Art Department.

**September 23-October 2: An "Installation Piece"** about Street People by Maureen Palmieri, a graduate student in the MFA Program. Noon - 5:00 p.m., Monday-Friday. Union Art Gallery, 2nd floor Stony Brook Union. Call 632-6822.

To \_\_\_\_\_

*Our Readers*

Date \_\_\_\_\_

Time \_\_\_\_\_

A.M.

P.M.

## WHILE YOU WERE OUT



Scenes from the feature length movie, *Walls and Bridges*, were filmed in the Stony Brook Union Art Gallery and at University Hospital. Summer school students looked on as a makeup artist prepared actress Ellen Tina Landress to go on the set. Art professor Michael Edelson was one of the script writers for this interracial romance directed by Nigerian-born Uzo.



*The Provocation of Shakespeare*, a riotous spoof of *Hamlet*, written and performed by three Argentinian actors, was one of the highlights of the International Theatre Festival. The season opened with sell-out performances by the Flying Karamazov Brothers and closed with a brilliant version of *As You Like It* by the Cheek By Jowl Company of England. Other performances this summer: the Bach Aria Festival presented two weeks of concerts, recitals and master classes in June and the Department of Theatre Arts staged two plays, *The Dining-Room* and *Baby with the Bathwater*, in Theatre One.



Alexandra Zimmerman took a squirt of water one hot day at Quality Day Camp, one of several summer programs for children on campus. Some programs were athletic, some academic. The largest was Offense-Defense Football Camp, which brought over 800 boys to Stony Brook one week.



July was Training Month for all staff at Stony Brook. The program kicked off with an informational get-together in the tunnel between East and West Campus. Here Gigi Lamens, director of admissions, speaks to Sandy Cohen of University Hospital physical plant.

### Message

Conferences brought scholars from around the world to Stony Brook to share ideas about unified field theory, topological methods in mathematics, game theory, and, pictured here, English history.



Carl T. Berkhout (above) of the University of Arizona addressed members of the International Society of Anglo-Saxonists in July.

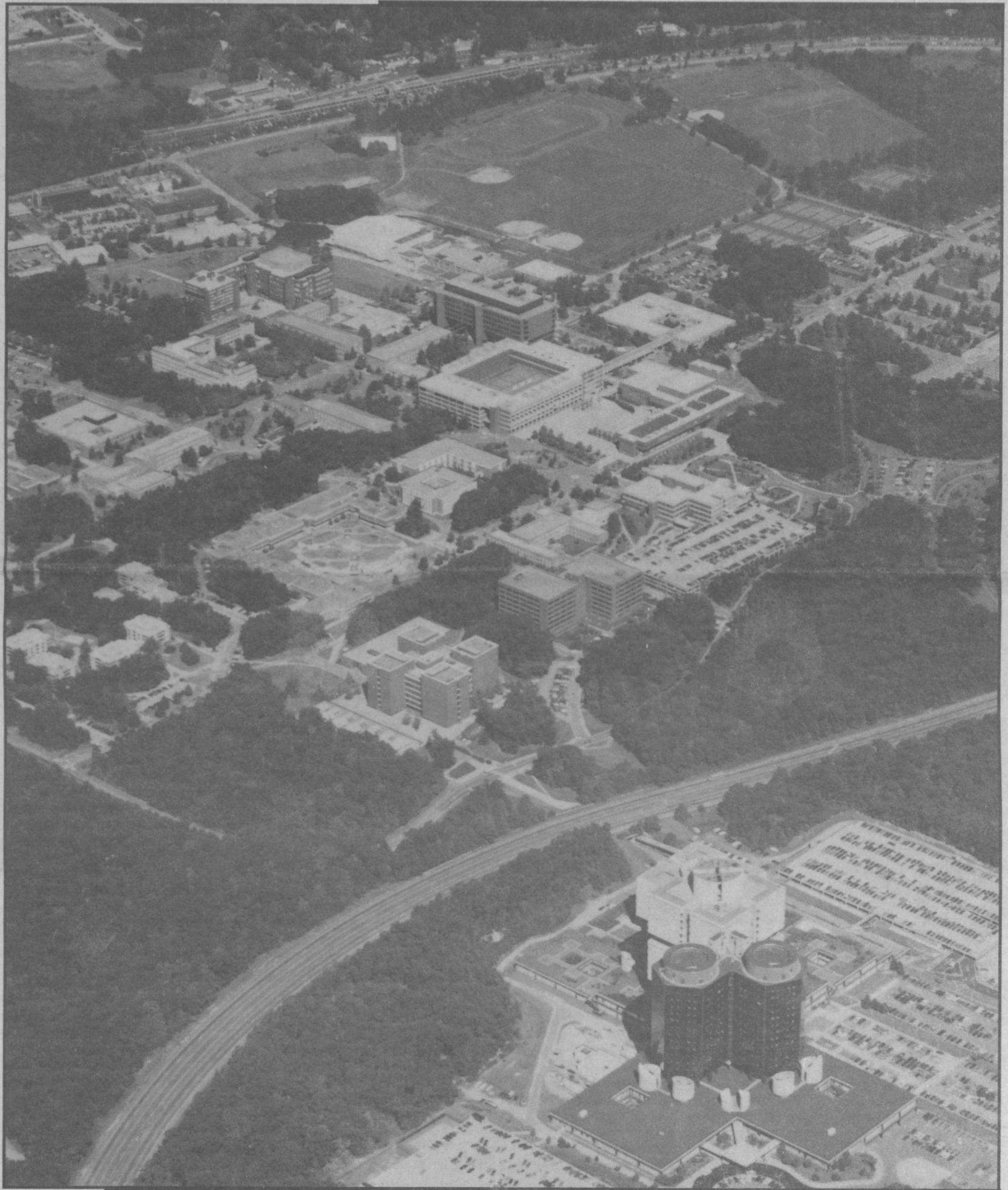


Fun in the sun for those who stayed at work all summer included intramural beach volleyball. Here are the members of the University Affairs SBFers, who came in third in the playoffs. From the left, Beth Hayes, Nancy Riedl, Paula Fuccillo, Dave Swalm, Mark Owczarski, Pat Foster and Donna McDougal.

Operator

UNIVERSITY  
AT STONY  
BROOK

STATE  
UNIVERSITY  
OF  
NEW  
YORK



PRESIDENT'S REPORT  
1990/91



# From the President

## 1990-91: The Year in Review State University of New York at Stony Brook

<b>Teaching</b>	<b>3</b>
Educating Students for a World Without Borders	
<b>Research</b>	<b>6</b>
Exploring New Frontiers	
<b>Health Care</b>	<b>10</b>
Delivering Comprehensive Services	
<b>Cultural And Social Outreach</b>	<b>12</b>
Enriching the Spirit and Putting It to Work	
<b>Economic Development</b>	<b>14</b>
Helping an Economy in Transition	
<b>Campus Life</b>	<b>16</b>
A Learning Experience	
<b>Milestones and Breakthroughs</b>	<b>8</b>
<b>Management Initiatives</b>	<b>18</b>
<b>Private Giving</b>	<b>19</b>
<b>Faculty Honors</b>	<b>20</b>

### ABOUT THE UNIVERSITY AT STONY BROOK

The University at Stony Brook, one of four university centers of the State University of New York, was founded in 1957. We offer more than 100 bachelor's, master's and doctoral degree programs and maintain a 504-bed teaching hospital, a five-theatre performing arts center, and a number of internationally recognized research centers. With 8,500 faculty and staff and an annual budget approaching \$500 million, we are one of Long Island's largest employers. John H. Marburger, a physicist, completed his 11th year as president in June, 1991.

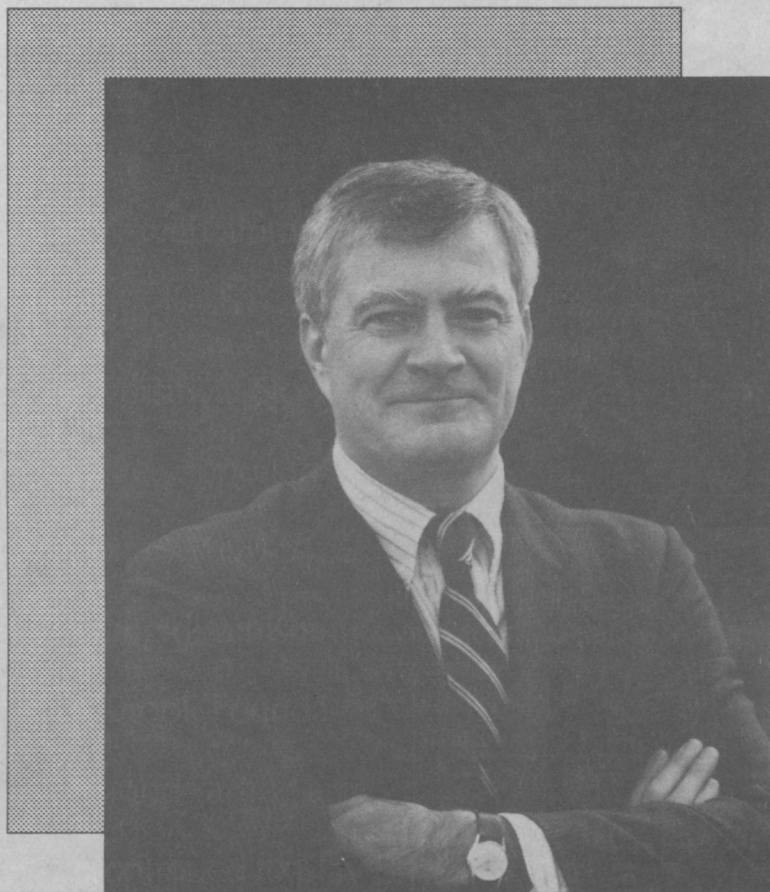
#### STONY BROOK COUNCIL

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James L. Larocca  
Greta Rainsford, M.D.  
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Daniel Slepian  
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Roger W. Walker

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Provost and Academic Vice President  
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Vice President for University Affairs  
David C. Glass  
Vice Provost for Research Pro Tem  
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Vice President for Campus Services  
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Vice President for Finance and Management

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



University President John H. Marburger

GABRIEL A. COONEY

**C**hange is the word for the 1990s, and this report gives a glimpse of a Stony Brook dynamically responding and contributing to a changing world. As I promised in last year's report, Stony Brook people are finding ways to keep moving ahead despite state budget problems. Our continued development in size, quality, and creative productivity is fueled by the tremendous determination of our employees and students. Read the following pages and marvel with me at the energy and resourcefulness of New York's premier public research university.

The major changes that occurred throughout society this year inevitably changed our campus too. In most cases the changes were conscious reactions to needs created by new conditions. The inability of our largest single sponsor, the State of New York, to support basic services as we had been delivering them brought deep reexaminations of what services we need and how we provide them. The national scrutiny of overhead charges for federally sponsored research had its Stony Brook counterpart in concerns expressed by faculty, in studies by committees and staff and in major changes responsive to SUNY's system-wide overhaul of the entire research function. Capital projects were launched to provide needed facilities through innovative financing that minimizes state involvement.

Stony Brook's timely, intense response to this year's world events displayed a sophistication commensurate with a great university. As the Gulf War advanced, our faculty provided information about the Middle East. Our students, faculty, and staff met, meditated, grieved, debated and reflected on this extraordinary manifestation of human folly. Campus Life Time, a new Wednesday mid-day period when no classes are scheduled, made it much easier to bring the university community together for such extracurricular convocations. So did active and effective campus governance organizations, whose activities in these troubled times have provided an important means of communication and of forming a sense of priorities among the issues clamoring for attention.

The University at Stony Brook is a community rich in highly active, exceptionally talented people whose will to influence society cannot be subdued by adversity. In laboratories, libraries, operating rooms, galleries, and concert halls, Stony Brook people continue to excel at what they do. Despite the worst state budget situation in recent history, campus activity is at an all-time high: enrollments,

federal funding for research, hospital patients, ambulatory patients, degrees awarded, scholarships awarded, campus cultural events, concerts, exhibits, patent disclosures, revenue from patents and licenses, philanthropic support, employees, overall volume of financial activity, relations with regional schools, projects supported by industrial partners, diversity of student body, athletics. We continue to attract the best faculty, and our faculty continue to earn national acclaim for their work. We opened a new sports facility and new graduate housing, and secured resources for a technology incubator building. By all these standards we are probably the most successful public research university in the northeast United States. We are certainly the most vital and aggressive component of our regional economy.

The fact is that Stony Brook now receives only about a third of its half-billion dollar operating budget from the State of New York. That makes us less vulnerable on the average to the state's serious revenue shortfalls. But those shortfalls are having their effect. To accommodate them, we have reduced overtime, part-time employment, and overall staffing of administrative functions. We have reduced our faculty size in some areas and increased our student/faculty ratio (historically the lowest in SUNY). We are using computers and electronic communications to do more of our work. We are not offering as many courses every semester. More faculty are doing their own typing. We rely on sophisticated and vigorous programs in energy conservation, water conservation, recycling, waste management, and toxic materials handling to keep our bills for these services within our ability to pay. It has been tough, but we are succeeding.

Stony Brook intends to become the most academically respected public university in the eastern United States. Stony Brook intends to become the major force for technology-based economic development on Long Island. Stony Brook intends to provide the best possible advanced health care to the Long Island region. Stony Brook intends to produce students from diverse economic and cultural backgrounds who can provide leadership in the most advanced and sophisticated fields of human endeavor. Through the science, scholarship, and creative activity of its faculty, students and alumni, Stony Brook intends to create new insights that improve the quality of life for all throughout the world. These are not small ambitions, but we are arguably well on our way to achieving them.

This report cannot do justice to the extraordinary activity of a great university. I urge you to visit our campus to see for yourself the phenomenal energy manifested here. Stony Brook is competitive in many areas with the finest research universities in the nation, and the fruits of our endeavors are available for all to appreciate. We invite your participation in and support for this exciting enterprise.

John H. Marburger  
President

# UNDERGRADUATE EDUCATION

**T**he 1989-90 "Year of the Undergraduate" announced by Vice Provost pro tem Egon Neuberger generated numerous proposals to improve the quality of the Stony Brook undergraduate experience. During 1990-91, faculty and staff worked to turn these proposals into working programs. None had greater impact than the Diversified Education Curriculum, which prescribes new mandatory course requirements for all west campus undergraduates.

The Diversified Education Curriculum—starting in the fall 1991 semester—comprises the general education component of Stony Brook's curricular requirements for nearly all undergraduates. For more than two decades, general education reforms at the university level have been the focus of controversy and dissension in higher education.

Stony Brook's own history of general education reform began in the early 1980s with an explicit recognition of our responsibility to prepare students to think globally and to understand the roles of diverse cultures in our society. Successive faculty committees labored to achieve consensus and support, and at least one resigned in despair. After we experimented for a decade with a curriculum that eventually became terminally complicated, the Diversified Education Curriculum promises to embody the goals of reform in a practical, intellectually sound approach that should be the envy of other universities.

In addition to basic requirements in science and humanities, the new curriculum emphasizes both writing and mathematical skills and a multicultural approach to learning. It exposes undergraduates to the fine and performing arts, social and global implications of science and technology, and the diversity of cultures contributing to modern society. Provost Tilden G. Edelstein notes that the curriculum also requires students to explore the specifically American forms of pluralism in a senior course that will draw on prerequisites. A special conference and workshop has been designed to prepare faculty and courses for this requirement.

## Undergraduate Programs

For the Honors College, an enhanced program of study for outstanding students, 1990 was the second year of operation. The program is open to academically superior high school graduates (1200 SATs and an average of 92 or above) and those who show exceptional talent. Twenty-six students earned a place in the 1990-91 freshman class, joining 30 sophomores who made up the inaugural student body in what will be a four-year sequence of interdisciplinary seminars taught by some of the university's most esteemed faculty. Informal weekly discussions with professors and monthly excursions to museums and cultural events augment the program. The success of the Honors College depends greatly on the availability of merit-based financial aid provided through gifts to the Stony Brook Foundation. (Want to help? Send a check to the Foundation.)

The 1990-91 academic year also brought approval of plans to augment Stony Brook's highly successful living/learning centers with the addition of a French/Italian Language Hall. The living/learning program gives several hundred Stony Brook students a unique opportunity to share in an educational, social, and residential experience focusing on a common area of interest. Participants concentrating on science and engineering are housed in Baruch College, on human development in Langmuir College, and on international studies in Keller College, which is also the site of the new language hall.

Stony Brook's other successful special programs for undergraduates continue to thrive: The URECA (Undergraduate Research Experience and Creative Activities) program brings hundreds of undergraduates into faculty laboratories and research programs for academic credit. Federated Learning Communities provides thematic gen-



Michael Dudley, assistant professor of engineering and materials science, is a mentor to Claudette Lewis (left) and Dervin Rattray. Dudley is showing the students an x-ray diffractometer that measures crystallographic structures of materials.

eral education involving faculty master learners and intensive student-faculty interaction. Stony Brook's own Sigma Beta Honor Society increased its membership by a record number of undergraduates for superior academic achievement. The SAINTS (Scholastic Achievement Initiative for Non-Traditional Students) program continues its long history of recognition and support for excellence in undergraduate academic performance.

## Other Significant Developments in 1990-91:

- The Department of Mathematics received \$250,000 worth of Sun computing equipment for its Undergraduate Computing Laboratory.
- The Department of Mechanical Engineering developed a pilot Co-op Program for seniors to begin in fall 1991.
- The Department of Materials Science and Engineering created a minor in materials science to begin in fall 1991.
- The Department of Chemistry received National Science Foundation underwriting for a new Undergraduate Instrumentation Center. The department also received funding commitments for a "Reduce Your Lab Anxiety" workshop and a "Science in Practice" laboratory course.
- The Department of Earth and Space Sciences introduced a multidisciplinary concentration in environmental geoscience in response to a growing national demand for scientists trained in environmental problems.
- The Department of Computer Science established a program in information systems, providing students with skills to understand the latest in information technology and large-scale information systems.

## Campus Diversity

Stony Brook's long tradition of social diversity continues by virtue of its multicultural student body representing all parts of the country and 87 nations around the world.

In fall 1990 Stony Brook posted the largest enrollment in its history: 17,623 full- and part-time undergraduate and graduate students on west campus and in the Health Sciences Center. The spring 1991 semester also exceeded initial projections, with an enrollment of 16,935 students.

In 1990-91 the existence of more than 25 student organizations and clubs reaffirmed the multicultural bounty to be found on the Stony Brook campus. Outreach programs, special events, and academic support programs met the needs of an eclectic student populace. For instance:

- In 1990-91 the campus calendar included a long list of activities reflective of Stony Brook's cultural diversity,

including Black History Month, Women's History Month, a salute to Hispanic Heritage, and a Caribbean Weekend. Such events — the product of efforts of a Committee to Celebrate Diversity — provide the campus community with an opportunity to sample and appreciate the cultural riches among us.

- In a yearlong effort coordinated by the Africana Studies program, the lives of dozens of children living in shelters for homeless families in Ronkonkoma, Riverhead, and Port Jefferson were enriched by special on-campus cultural activities ranging from a puppet workshop to a poetry writing session. Members of campus fraternities and sororities and campus clubs assisted with the outreach program.

## Providing Support

In 1990-91 Stony Brook made a special and successful effort to draw traditionally underrepresented groups into the university community, providing undergraduate and graduate students with financial and academic support. Programs included:

- Advancement on Individual Merit (AIM): A total of 629 undergraduates attended Stony Brook this year under the state-funded Educational Opportunity Program that makes a college education possible for students who might have otherwise ended their education with a high school diploma. The graduation rate of these students in mainstream programs matches that of regularly admitted students.

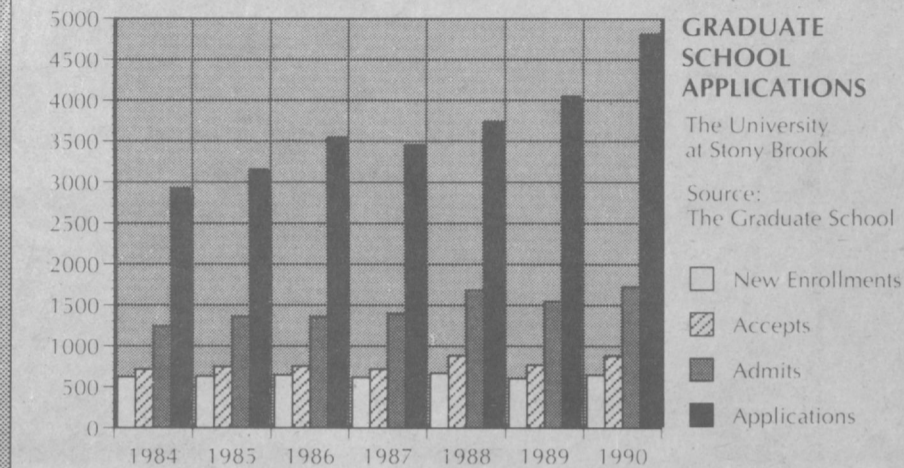
- Mentor Program: Some 175 students participated in a formal mentoring relationship with faculty, staff, and alumni who helped guide them through the issues and problems a student can face on campus.

- C-STEP: The state-funded Collegiate Science and Technology Program helped 250 minority and economically disadvantaged undergraduates pursue courses that will lead to careers in engineering, science, or the health professions.

- M-RAP: Stony Brook students were among some 60 participants from institutions around the country in the summer's Minority Research Apprentice Program and Research Experiences for Undergraduates program (REU), two federally funded summer programs designed to encourage minority undergraduates to pursue careers in research.

- Library Internships: A minority student interested in library and information sciences took part in a paid internship program this year; approximately five students have applied for next year's program.

# GRADUATE AND PROFESSIONAL EDUCATION



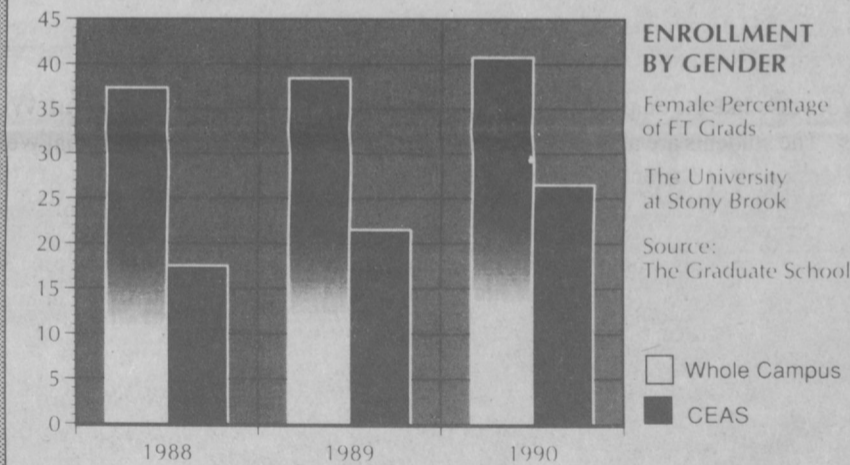
**I**n the intense national competition for excellent graduate students, Stony Brook is doing extremely well. A record number of students sought admission to Stony Brook's 58 graduate degree programs in 1990-91, creating a highly competitive atmosphere in which only one in seven applicants was selected. Of the more than 4,800 applicants, 646 enrolled in graduate work here.

In 1990-91, graduate enrollment totaled 4,771 full- and part-time students on the west campus and 1,449 full- and part-time students at the Health Sciences Center.

The number of full-time female graduate students continued to climb at Stony Brook in 1990-91, points out Alexander H. King, vice provost for graduate studies. About 41 percent of the full-time graduate student population was composed of women, an increase of 2.3 percent over the previous year and up from 37.3 percent in the 1988-89 academic year. The College of Engineering and Applied Sciences experienced the single largest increase in the number of women graduate students. In 1990-91, women represented 26.5 percent of the school's full-time graduate student body, up five percent from the 1989-90 academic year and up nine percent from 1988-89.

The cost of a graduate education was underwritten by two fellowship programs for minority students. A total of 75 students were W. Burghardt Turner fellows as the result of a grant from the State Minority Graduate Fellowship Program. Eight students served as Patricia Roberts Harris fellows, a program for women and minorities pursuing graduate work in marine sciences, physics, chemistry, and cellular biology.

Concerns in graduate education center on the continuing



high cost of living on Long Island and the expense of supporting students competitively at Stony Brook. Graduate student health insurance and other benefits received much attention by the Graduate Student Organization, the official graduate student governance body.

The 1990-91 academic year marked the 25th anniversary of the awarding of Stony Brook's first Ph.D., a milestone commemorated with the inauguration of the President's Award to Distinguished Doctoral Students.

Five graduate students were the first recipients of the new honor: Michael Bernard-Donals (English), Gail Hanson (history), Deborah Hecht (English), Gabriel Moreno (ecology and evolution), and William Rooney (chemistry).

In 1990-91 Stony Brook awarded a total of 247 Ph.D., 100 M.D., 26 D.D.S., and 872 master's degrees.

## Graduate Curricular Developments

In 1990-91 Stony Brook graduate students attracted more fellowships than ever before for support of their studies, an acknowledgement of both the level of their academic achievement and the emphasis Stony Brook has chosen to place on such funding.

For example:

- Graduate students in Latin American history won four Social Science Research Council grants, 40 percent of the total for the entire country.



**GRADUATE** students Kristen Ruais (center) and Anna Soukas (right) work with W. Averell Harriman School for Management and Policy Professor Manuel London (left) on a study examining the implications of hiring older workers.

- The Departments of Chemistry and Mathematics led the nation in being awarded nearly two dozen Graduate Assistance in Areas of National Need (GAANN) grants from the U.S. Department of Energy (DOE). The awards enable the departments to recruit graduate students from underrepresented groups.

- The U.S. Department of Energy has designated Earth and Space Sciences an "environmental restoration/waste management department," which will enable graduate and undergraduate students to compete nationally for DOE scholarships.

The graduate curriculum, meanwhile, continues to evolve.

- In 1990-91, the Department of Earth and Space Sciences added a concentration in hydrogeology leading to a master's degree. Forty students signed up for the program.

- For the first time in its history, the Department of Neurobiology and Behavior offered a course in medical neuroscience to first-year medical students and graduate students interested in the field.

- The Department of Chemistry awarded its first master of arts in teaching, and offered a new Ph.D. option in chemistry and biology.

In a related development, Stony Brook became the headquarters for OpenMind, a new national organization of faculty, administrators, graduate students, and students pursuing professional degrees who are interested in promoting cultural diversity in higher education. OpenMind, chaired by Associate Provost Myrna C. Adams, grew out of an earlier national conference organized by Stony Brook whose participants expressed concern about the nationwide decline or stagnation of degree completion among African-American, Native American and Latino populations.

## School of Continuing Education

Stony Brook's fast-growing School of Continuing Education reached new highs in 1990-91 with more than 2,200 full- and part-time students enrolling in its fall programs on the heels of a summer operation that drew a record-breaking 5,441 students.

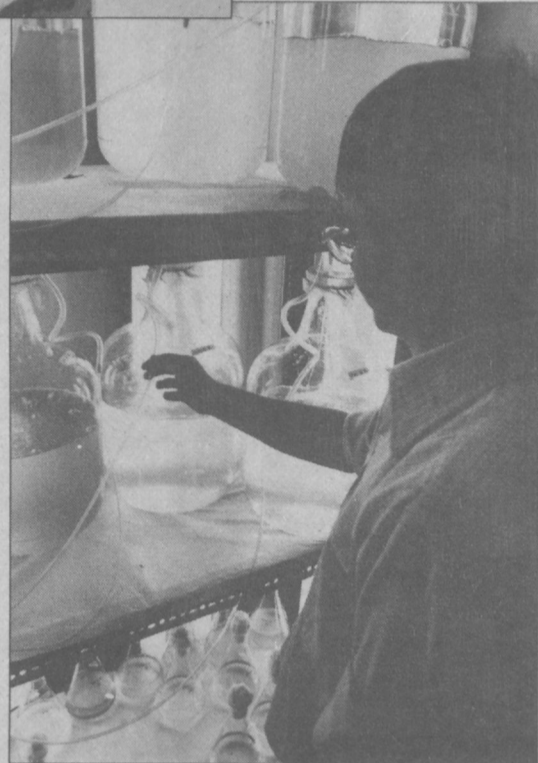




The School of Medicine graduating class of 1991.



Stony Brook Medical School student Wayne Lipson demonstrates the VAS-1000 Angioscope System he developed to view diseased blood vessels.



Checking apparatus in a biochemistry laboratory.

The school, which primarily offers part-time study, certificate programs, and professional courses closely linked to the needs of the Long Island economy, handed out degrees in May to the first graduates of three new CED programs. Five CED students earned master of professional studies degrees, another five received master of arts in teaching social studies degrees, and three were awarded graduate certificates in waste management.

Several special new and existing centers within the School of Continuing Education also reported significant activities during the academic year:

- The new Continuing Education Research Center (CERC), which provides focused research on adult and continuing education, completed its first study, a report on education for the Patchogue-Medford School District.
- In March, the Center for Education on Substance Abuse sponsored a regional conference on "Substance Abuse in the Suburbs."
- A Superintendent's Center, created to develop programs for the region's school superintendents, hosted a lecture series at Stony Brook featuring prominent university faculty and administrators.
- The Lifelong Learning program provided self-administered conferences for over 100 retirement-age people this past year including one on "Learning in Retirement: Challenges for the '90s."

### School of Medicine

During 1990-91 the School of Medicine made significant changes in its curriculum; innovations that integrate and energize the learning process and broaden the scope of medical education.

In the basic science curriculum, courses that take a multidisciplinary approach have replaced those that were traditionally department oriented. For example, a course on molecules, genes, and cells, offered for the first time in 1990-91, brought together materials and faculty from a dozen departments. A course on organ systems represented a similar integrative effort in the first-year curriculum. Both have been well received by students, who not only respond positively to the way the courses are orga-

nized, but also like the emphasis on problem-solving techniques. The students are also enthusiastic about the small group sessions that characterize the new program.

A new course, "Medicine and Contemporary Society," is expected to have far-reaching effects on both students and society. In examining topics such as ethics, professional relationships, economics, law, societal expectations and responsibilities, the course goes far beyond a traditional medical school curriculum, promoting self-learning and small-group interaction. Such activities typify medical training at Stony Brook, where teaching in small groups and an emphasis on self-directed education result in a more active learning process and encourage a sense of inquiry among students.

Also to that end, computer-assisted instruction has been introduced in several areas of the School of Medicine, including a course in preventive medicine.

### School of Dental Medicine

During the 1990-91 academic year the School of Dental Medicine started a new postdoctoral training program in advanced general dentistry with four clinical fellows. The program is expected to expand in coming years.

The school prepared to occupy additional new quarters and increase the entering class in 1991. It also added courses in geriatric dentistry, started a clinical affiliation with the Parker Jewish Geriatric Institute in Nassau County and expanded clinical services to needy, severely handicapped, and sick elderly local residents.

### School of Allied Health Professions

The School of Allied Health Professions' AIDS Education and Research Center trained health care workers at the Nassau County Medical Center and the staff of the A. Holly Paterson Geriatric Center, also in Nassau County. It also hosted a conference on training health care providers who serve large numbers of minority patients. In addition, the AIDS Education and Research Center was awarded a contract by the AIDS Institute of the New York State Department of Health to provide HIV counselor training for health and human service providers.

### School of Social Welfare

The School of Social Welfare graduated the largest class in its history in 1990-91: 135 master of social work students and 30 bachelor of social work students. Ranking 17th among Stony Brook's 58 graduate degree programs, the School of Social Welfare is the fifth largest program of its kind in the nation, preparing students for management and planning roles.

School of Social Welfare student interns, working with staff members of Project Help — a residential program that provides social, health, dental, day care, and other services to homeless families — placed 103 families in permanent affordable housing during the 1990-91 academic year.

A new course in oppression and social change was also introduced during the 1990-91 academic year and is now required of all graduate students as a means of increasing their sensitivity to groups with which they will come in contact as they pursue clinical and managerial roles.

### School of Nursing

A record number of master's degree candidates graduated from the School of Nursing in 1991, the 79 degree recipients nearly doubling the number of the previous year. Ninety-two percent of its students passed the state boards, the licensing exam for professional nursing for which they received the Registered Nurse designation.

### Appointments

Ronald Douglas was named vice provost for undergraduate studies.

David Pomeranz was named acting vice provost for undergraduate studies.

Ernest McNealey was appointed associate vice provost for special programs in the Office of Undergraduate Studies.

Carmen Vazquez was promoted to director of Student Union and Activities.

C.N. Yang of the Institute for Theoretical Physics was named chairperson of the ad hoc Stony Brook Committee for Undergraduate Enrollment.

Gigi Lamens was appointed director of admissions.

**S**ponsored research at Stony Brook continues to grow. More than \$72 million in externally funded programs were undertaken at Stony Brook in 1990-91, demonstrating Stony Brook's excellence in its ability to win these funds despite increasingly stiff national competition.

During the 1990-91 academic year, external sources funded 1,200 research projects at Stony Brook, of which 47 percent were in the life sciences and 27 percent in the physical sciences and mathematics. Other areas receiving substantial external funding for research were engineering and marine sciences.

About 71 percent of the total dollar volume of all research at Stony Brook came from federal sources, nearly 30 percent of which was from health and human services agencies such as the National Institutes of Health and the National Institute of Mental Health. The National Science Foundation contributed an additional \$14.6 million in research monies during the 1990-91 academic year, enabling Stony Brook to rank among the top 30 NSF-funded institutions, well above other SUNY or CUNY campuses.

New York State's Graduate and Research Initiative (GRI), which over the past five years has provided Stony Brook with \$7.2 million for research, continues to supply valuable underpinnings for many new important institutes and programs. GRI-funded programs continue to attract significant recognition and support from non-state sponsors, some of which is detailed below. A special report on GRI activities is prepared annually by the four SUNY University Centers.

Research requires facilities, technical support, and an infrastructure that includes computers, networks and libraries. The university's computerized card catalog system, STARS (Stony Brook Automated Retrieval System), went online in October 1990. The computerized catalog is located in the Frank Melville, Jr. Memorial Library and links all of the main campus libraries. STARS permits users to locate library holdings more quickly and efficiently than before. It is also accessible to the public, as well as USB faculty, staff, and students, by modem from off-campus locations.

### Research Administration

Major changes occurred during 1990-91 in the management of sponsored research at Stony Brook and throughout the SUNY system. Along with continued decentralization of functions to the university centers, the SUNY Research

Foundation, agent for sponsored research on SUNY campuses, changed the method for distributing federal indirect cost (IDC) payments. The former distribution was highly unfavorable to Stony Brook. The new system simply places the IDC funds with the campuses on which the costs were incurred. This is a substantial improvement from Stony Brook's point of view and will result in an increase of reimbursements to our campus of several million dollars per year.

President John Marburger testified in Congress on the national issue of indirect cost management in the wake of hearings that exposed alleged abuses at Stanford University. Speaking before the House subcommittee on Science of the Science Space and Technology Committee, President Marburger said that the important issue was the inadequacy of overall funding for research and research facilities, not the relatively small amounts involved in overhead mismanagement.

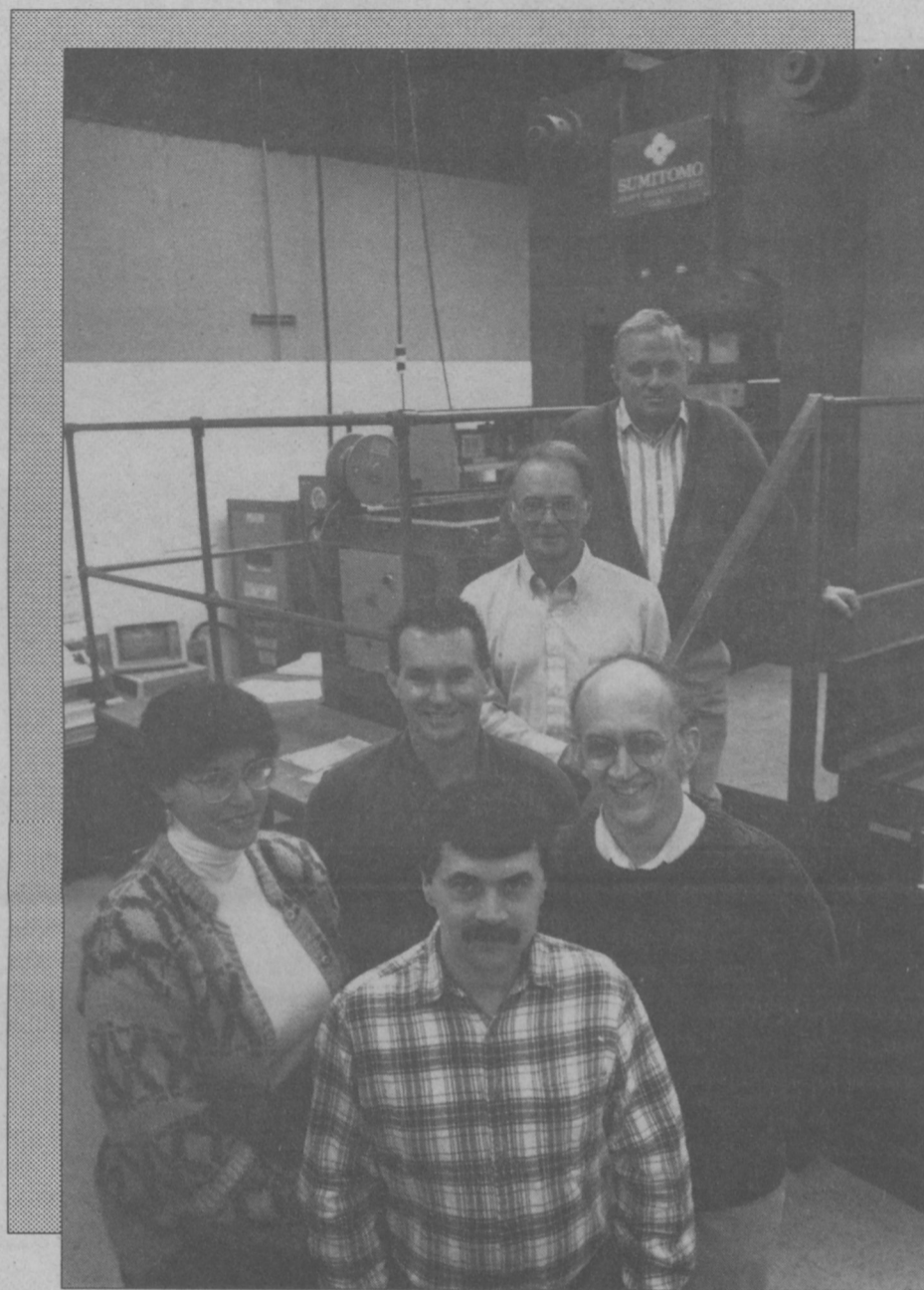
Faculty committees met during 1990-91 to study Stony Brook's deployment of resources for supporting sponsored and unsponsored research. Committee recommendations have resulted in major changes in accounting, decision making, management, and allocation of funds.

### Greater Role For Applied Sciences

Stony Brook's designation in January, 1991 as a National Science Foundation Science and Technology Center for High-Pressure Research will accelerate research in the materials sciences, chemistry, applied mathematics, applied physics and applied geochemistry. A joint operation with Princeton and the Carnegie Institution, the center — under the direction of geophysics Professor Donald J. Weidner — will receive \$1.5 million in NSF funding in its first year, with a commitment of \$2 million annually for a minimum of four years. The three institutions are augmenting the NSF allocation with a total of \$1 million each year.

A supercomputer that can perform one-and-one-half billion operations per second was installed at Stony Brook in June. The most powerful in the northeast in terms of memory and computational speed, the Intel parallel "hypercube" is being used for scientific computing by the Department of Applied Mathematics and Statistics, the Department of Computer Science, and the Brookhaven National Laboratory.

In May, the U.S. Army Research Office named Stony Brook the lead institution for a new center for excellence in mathematics research. Funded by a five-year \$2 million

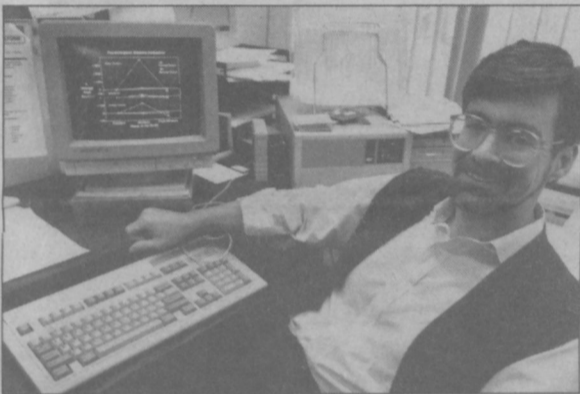


The High Pressure Research team: (top to bottom) Robert Liebermann, Donald Lindsley, John Parise, Hanna Nekvasil, Donald J. Weidner and Tibor Gasparik.



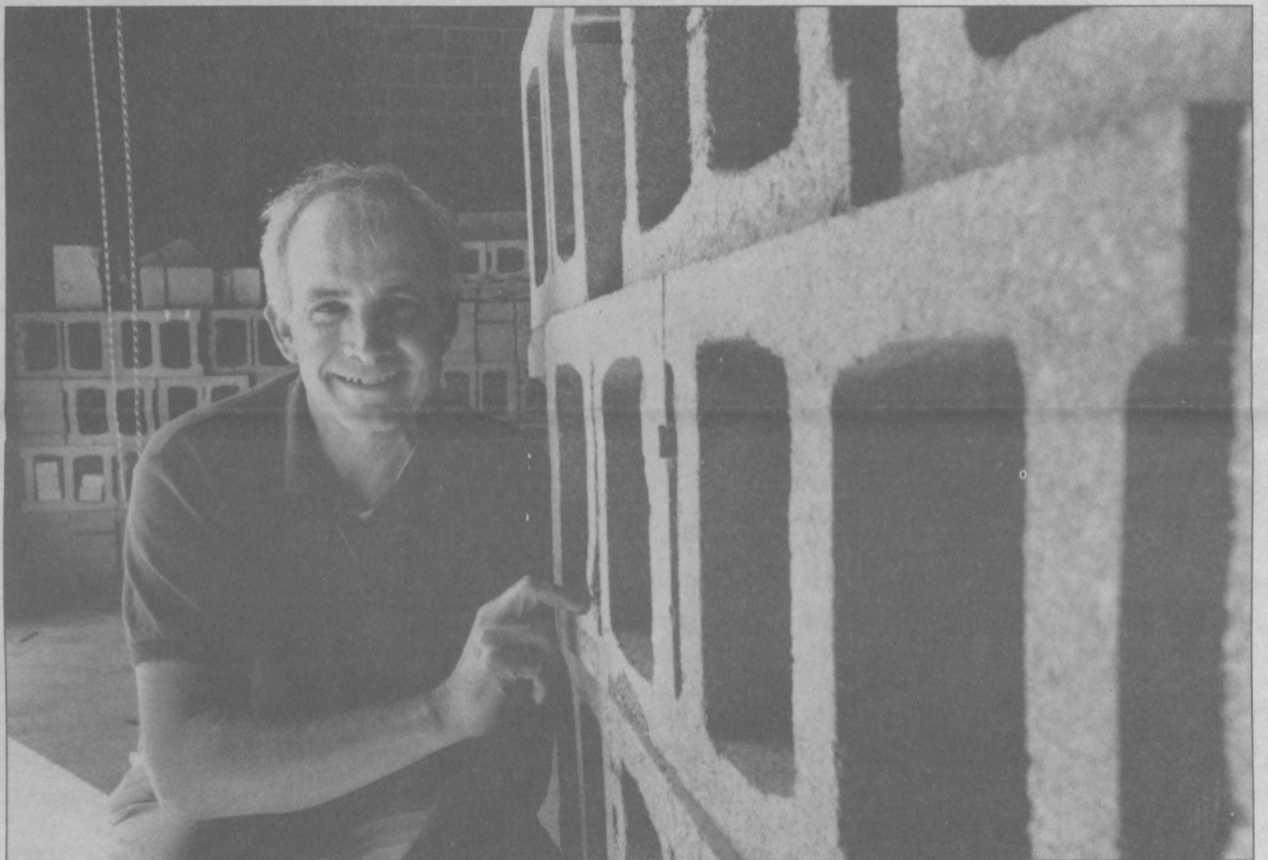
Donald Lindsley and Robert Liebermann at the high pressure apparatus.

MAXINE HICKS



Associate Professor of Psychiatry and Psychology Arthur Stone plots data on the relationship between physical health and emotional stress.

MAXINE HICKS



Cinder blocks from incinerator ash give Larry Swanson reason to smile.

MAXINE HICKS

grant shared with Cornell University, Los Alamos National Laboratory and York College of the City University of New York, the Center for Excellence in the Mathematics of Nonlinear Systems is based in the Department of Applied Mathematics and Statistics under the direction of the department's chairperson, James Glimm.

**Broad-Based Research**

Other research during the 1990-91 academic year found Stony Brook scientists scrutinizing subjects as diverse as the origin of life and the relationship between stress and the common cold. Among the 1,200 sponsored projects:

- The Amazon River is the focus of a Stony Brook-based study whose size is a measure of the river and its problems. Led by scientists from the Marine Sciences Research Center, the \$5 million National Science Foundation-sponsored project involves 200 people from 12 institutions in the United States and Brazil. The five-year Amazon Shelf Sediment Study is the first scientific effort to collect data on the geology, chemistry, physics, and biology of the region.

- Closer to home, but with potentially worldwide application, is construction on the Stony Brook campus of a building made of blocks composed of chemically and

physically stabilized incineration ash. Built by Marine Sciences Center personnel at the direction of R. Lawrence Swanson, director of the Waste Management Institute, the building — a boathouse — will be monitored with air and soil sampling over the next several years to determine if stabilized incineration ash has environmentally safe, economically feasible uses.

- A pair of Stony Brook psychologists are exploring the relationship between stress and physical well-being. Arthur Stone, associate professor of psychiatry and psychology, and John Neale, professor of psychology, have been examining the relationship between daily experiences and the onset of cold symptoms. The most recent phase of their long-term study involves analyzing blood and saliva samples to see how the immune system is affected by stress.

- At Stony Brook's Lyme Disease Center, scientists are developing improved tests, refining treatment, and working to develop a vaccine for Lyme disease. Jorge Benach, professor of pathology and state Health Department researcher, first put Stony Brook on the map as a leading Lyme disease research center in 1982 when he and colleagues isolated the bacteria that causes Lyme. Today he is working on two major research projects funded by the

National Institutes of Health, one to find out how the bacteria adheres to cells; the other, to determine how it invades tissues.

- Department of Computer Science faculty members Arie Kaufman and Amit Bandopadhyay are developing a software/hardware computer interface that allows a user to issue computer commands using the eyes. The eye-tracking technique is expected to find a market in computer games, robotics, hazardous materials management, vehicle navigation, and wheelchair operation.

- Molecular biologist Axel Meyer is using a technique known as polymerase chain reaction to uncover genetic evidence of evolution. Meyer, collaborating with a Swedish colleague, is gathering evidence that may show terrestrial life may have started in a vastly different way than scientists previously thought.

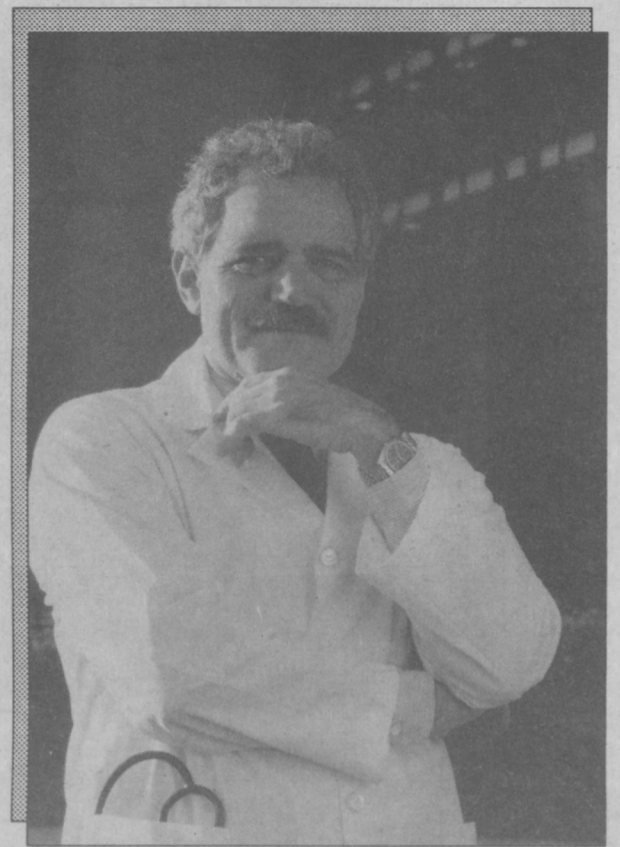
- Robert Cess, professor of mechanical engineering, is directing a U.S. Department of Energy project to compare and improve the 19 computer models being used throughout the world to predict long-term climate change. He's also part of a National Aeronautics and Space Administration study providing extensive satellite data on how clouds, snow mass, and other factors influence global warming.

# MILESTONES AND BREAKTHROUGHS



**Paul Adams**

Internationally known neuroscientist Paul Adams was elected a fellow of the Royal Society, the premier scientific society in England. Its American equivalent is the National Academy of Sciences. Adams is director of Stony Brook's Howard Hughes Medical Institute Research Laboratory and a professor of neurobiology. He is also a 1986 winner of the \$200,000 MacArthur Award given to original thinkers in a variety of fields. His research focuses on how nerve cells communicate. Findings may someday add to our knowledge of the causes of Alzheimer's disease and epilepsy.



**Jordan Cohen**

Jordan Cohen, dean of the School of Medicine and professor of medicine, was 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, joining a group of 201 highly distinguished physicians who have made contributions to the science or art of medicine.

**Peter van Nieuwenhuizen**

Professor of physics Peter van Nieuwenhuizen's paper on supergravity was named one of the 20 most referenced articles of the decade, by the CERN Scientific Service. With professors Alexandre Sevrin and Carolus Schoutens, he established a new classical and quantum theory of gravity (known as W3 gravity.)



MAXINE HICKS

**Axel Meyer**

Molecular biologist Axel Meyer's studies of lungfish DNA suggest that current scientific theory about the origins of life on land is wrong. Meyer says that it was not coelacanths that conquered the land, as the accepted doctrine states, but lungfishes. Since lungfishes alive today are not saltwater dwellers, Meyer says life may not have started in the ocean after all.

**John Halperin**

John Halperin, associate professor of neurology, found that analyzing spinal fluid for antibodies to Lyme disease bacteria can show that many central nervous system ailments are actually reactions to the Lyme organism.



**Michele Bogart**

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

### Iwao Ojima

Professor of chemistry Iwao Ojima developed analgesic peptides that can be used in place of drugs that have a strong toxicity, such as morphine.

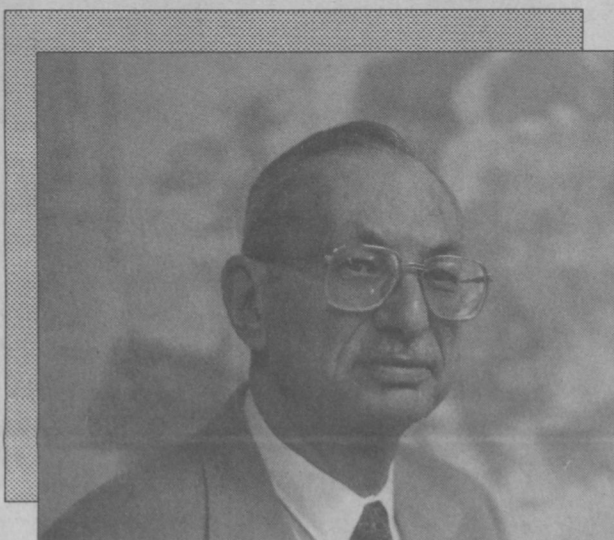
### John Fleagle

Paleoanthropologist John Fleagle climbed atop an eroded bluff in Ethiopia's Great Rift Valley and discovered fossil hominid teeth at least 3.7 million years old. The teeth, among the oldest remains of the species *Australopithecus afarensis*, are helping researchers pinpoint the age and distribution of that species, which was probably a precursor to humans.



### Sung Bae Park and Chen Ning Yang

Professors **Sung Bae Park** and **Chen Ning Yang** were among seven internationally prominent Asian Americans who received the first annual New York State Asian American Heritage Awards from Governor Mario Cuomo in a Manhattan ceremony in June that drew over 1,000 guests. Park, professor of comparative studies, was cited for his work in establishing and directing Stony Brook's Korean Studies Program. The program offers non-Koreans and those of Korean descent opportunities in undergraduate, graduate, and postdoctoral education. Yang, a Nobel Prize winner, was selected for his contributions to science in establishing the basis for the modern quantum field theory.

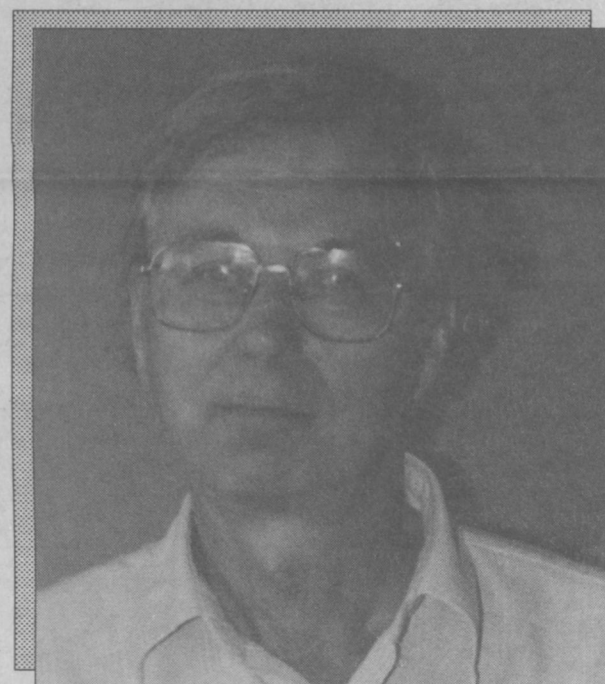


### Robert R. Sokal

Robert R. Sokal, distinguished professor of ecology and evolution, published his research on whether the blood groups of modern Europeans can reveal the way agriculture was spread. He found that it was farmers, not warriors, who introduced agriculture across the continent.

### Jorge Galan

Jorge Galan, assistant professor of Molecular Microbiology, was named a 1991 Searle Scholar, the first faculty member at Stony Brook ever to receive the distinction, and one of only 18 nationwide. 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 Galan was named a Pew Scholar, an award given to 20 promising young investigators in the biomedical sciences. The Pew Award provides research funding at \$50,000 a year for four years.



### John Milnor

John Milnor, distinguished professor and director of Stony Brook's Institute for Mathematical Sciences, celebrated his 60th birthday with a week-long symposium held in his honor that drew an international who's who in the world of mathematics.

### Peter W. Stephens and Laszlo Mihaly

The chemical structure of a superconducting form of buckminsterfullene—made up of molecules called "bucky balls"—was discovered by Associate Professor of physics Peter W. Stephens and Professor Laszlo Mihaly. The researchers collaborated with a team of scientists from UCLA and SUNY Buffalo.

### Arthur Stone and John Neale

Stress can make you feel bad. That's what Arthur Stone, associate professor of psychiatry, and John Neale, professor of psychology, concluded at the end of a 10-year study of the relationship between daily experiences and the onset of cold symptoms. They found that when positive daily events decrease and stressful events increase at the same time, the body's immune system becomes depressed.

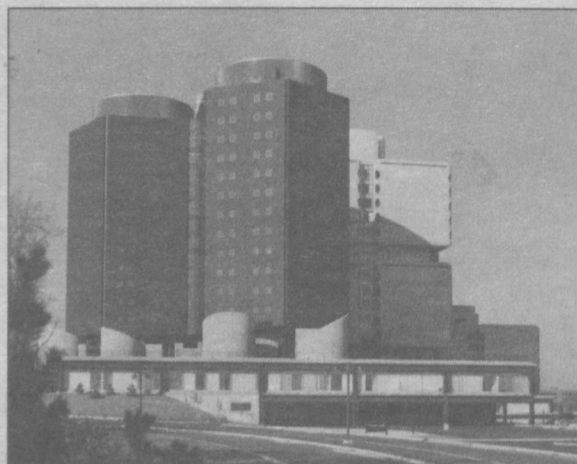


### Felix Rapaport

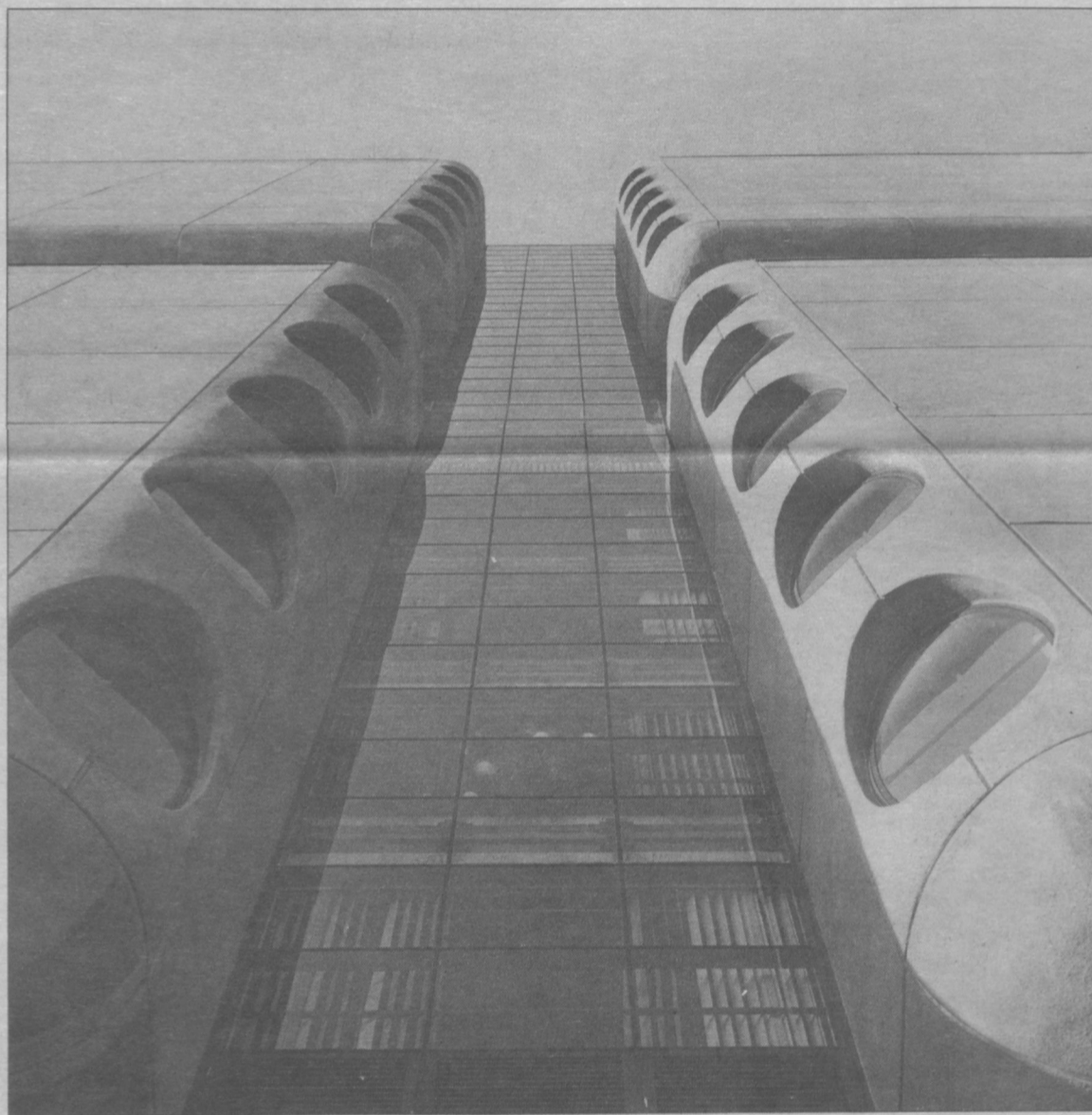
Felix Rapaport, chairperson of the Department of Surgery and director of the Transplantation Program, received the Order of the Legion of Honor — France's highest honor — for pioneering research on tissue compatibility that helped lay the foundation for organ transplantation. After a 17-year series of experiments, in 1964, he and Professor Jean Dausset discovered the white blood cell system that determines whether tissues are compatible. He also received special legislative resolutions from the New York Assembly and Senate.



With a tertiary care facility at their doorstep, residents of Suffolk and eastern Nassau counties are the prime beneficiaries of Stony Brook's Health Sciences Center and its major clinical arm, the 504-bed University Hospital. The hospital and the five professional schools of the Health Sciences Center — Medicine, Dental Medicine, Allied Health Professions, Social Welfare, and Nursing — responded to the region, state, and nation's health care needs during 1990-91 by expanding services, broadening curriculum, and laying the foundation for a collaborative relationship with the new 350-bed Long Island State Veterans Home. The home is located on the Stony Brook campus, a half-mile east of the existing Health Sciences center.



University Hospital and the Health Sciences Center.



Health Sciences Center (detail).

TOM GIACALONE

## University Hospital

During 1990-91, University Hospital continued its pattern of growth and development. With 504 beds, it is the largest hospital in Suffolk County and the fifth largest hospital on Long Island. In keeping with its academic mission, University Hospital serves as a training site for 270 interns and residents in 35 different postgraduate medical disciplines as well as for students in the five schools of the Health Sciences Center, notes J. Howard Oaks, vice president for Health Sciences.

As Suffolk's only referral center, University Hospital offers area residents the most modern diagnostic and treatment services now available in virtually all areas of advanced care. It has the county's only tertiary programs in high-risk obstetrics, neonatal and pediatric intensive care, burn care, trauma, kidney transplantation, open heart surgery, angioplasty, renal and gallstone lithotripsy, diabetes,

Lyme disease, cancer, modern radiation therapy, pediatric psychiatry, psychiatric emergency services and the care of persons with HIV infections.

The hospital has nine specialized intensive care units equipped with state-of-the-art monitoring devices and staffed with highly trained personnel. Care at University Hospital is supported by the most modern equipment—MRI, CT scanning, digital angiography, cardiac catheterization laboratories, and lasers. Moreover, as an integral part of an academic health center, University Hospital plays a unique role in supporting the kinds of clinical research that will result in advances in the treatment and diagnosis of disease.

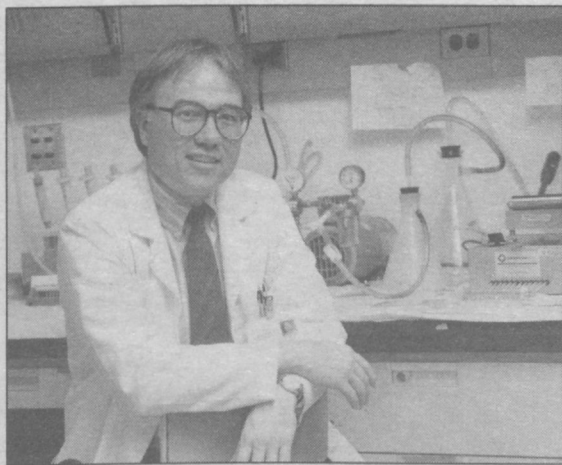
Consistent with its role as the county's designated trauma center, the hospital provides essential emergency services to Suffolk County residents. The hospital provides

medical control and paramedic staff for emergency helicopter and inter-hospital transfers from community hospitals in the area.

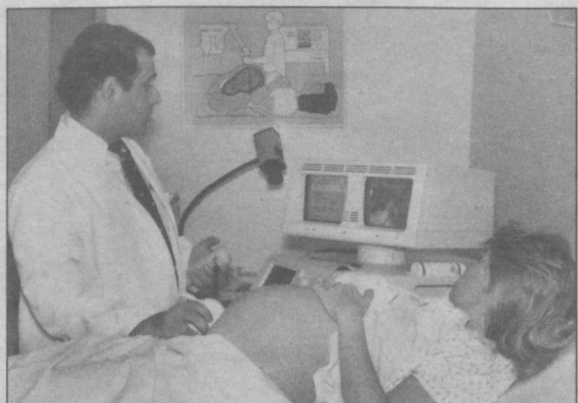
In 1990 University Hospital discharged close to 18,000 patients, and its physicians cared for more than 140,000 outpatients. The hospital provided ambulatory services to an additional 269,000 persons.

Because of the services University Hospital offers, it is the only Suffolk County hospital that attracts a significant number of patients from across the county. This growth was supported in 1990-91 by significant increases in tertiary services and by the addition of new programs and services:

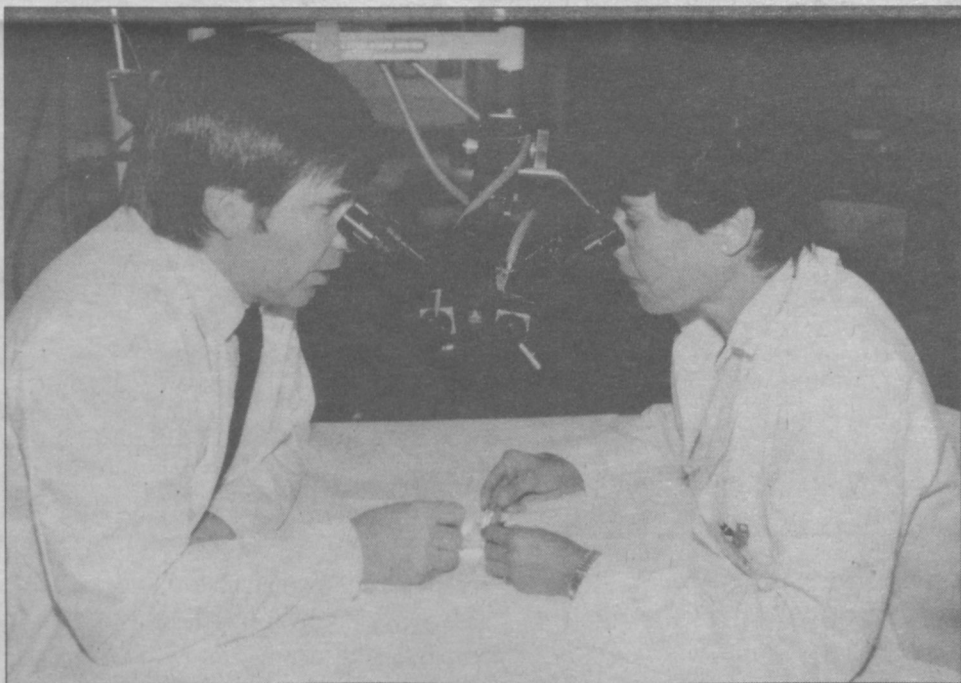
- University Hospital was approved as the county's regional comprehensive psychiatric emergency service in collaboration with the New York State Office of Mental



Raymond Dattwyler, assistant professor of medicine and pathology, directs the Lyme Disease Clinic.

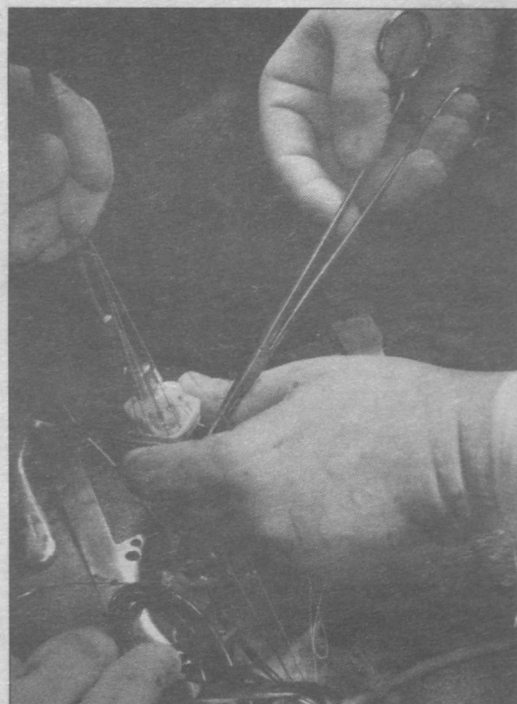


Assistant Professor of obstetrics-gynecology Boris Petrikovsky performing a fetal acoustic test.



Lawrence Hurst and Marie Badalamente of the Department of Orthopaedics use a double microscope to study nerve repair.

THE MOST MODERN  
DIAGNOSTIC AND  
TREATMENT SERVICES  
ARE NOW AVAILABLE IN  
VIRTUALLY ALL AREAS  
OF ADVANCED CARE



Open heart surgery at University Hospital.



In the operating room.

Health. In that capacity, it provides emergency psychiatric services to children, adolescents and adults.

- A comprehensive interdisciplinary pain program was organized for the care of patients with chronic and debilitating back pain.

- In response to increasing demand for neonatal services, University Hospital enlarged its neonatal unit from 30 to 40 beds.

- The hospital initiated a surgical step-down unit, expanded its cardiac telemetry monitoring unit, and established a ventilator unit.

University Hospital will also open an off-site radiation therapy facility at Brookhaven National Laboratory in 1991. The facility is expected to improve geographic access to the hospital's tertiary services and enhance collaborative research between BNL and the hospital's clinical

faculty. Its role as a regional center is also being augmented by the introduction of dermatology and pediatric oncology services and its designation as a center for multiple sclerosis.

#### Appointments

**Robert Barbieri**, formerly associate professor of obstetrics, gynecology, and reproductive biology at Harvard Medical School, was named chairperson of the Department of Obstetrics and Gynecology.

**Richard Clark**, formerly chairperson of the Division of Dermatology at the National Jewish Center for Immunology and Respiratory Medicine in Denver, was appointed professor and chairperson of the Department of Dermatology.

**Peter Ells**, an attending physician in the Division of Gastroenterology, was appointed to the new position of

medical director of University Hospital. As mandated by new State Health Department regulations, the medical director oversees medical staff quality assurance activities.

**Richard Fine**, formerly vice chairperson for clinical affairs and professor of pediatrics at the UCLA Center for Health Sciences in Los Angeles, was named chairperson of the Department of Pediatrics.

**Mark C. Henry**, formerly director of the Emergency Department at Booth Memorial Hospital in Flushing, joined the staff as associate professor and chairperson of the new Department of Emergency Medicine.

**David Saltzman**, formerly assistant professor of obstetrics, gynecology, and reproductive biology at Harvard Medical School, was named director of the Division of Maternal-Fetal Medicine in the Department of Obstetrics and Gynecology.

# CULTURAL AND SOCIAL OUTREACH

**T**he University at Stony Brook is a dynamic center of culture,

providing the campus, the community and the region with a rich selection of offerings in music, theatre, dance and art.

In addition, each year Stony Brook hosts hundreds of seminars, conferences and lectures that bring to Long Island distinguished leaders in the sciences, social sciences, arts and humanities.

## Staller Center

The Staller Center for the Arts continued to grow stronger financially and artistically in 1990-91. Near capacity crowds attended such main season professional attractions as the Juilliard String Quartet, opera star Dawn Upshaw, the Martha Graham Dance Company, the Asolo Touring Theatre's *Master Harold...and the boys*, and the New York Gilbert and Sullivan Players' production of *The Mikado*.

A new Staller series of multicultural "Varieties" brought to Long Island the Flying Karamazov Brothers, Africa Oye and the Imperial Bells of China. The Staller Center Art Gallery mounted six major exhibitions including the works of noted professional artists as well as Stony Brook art students. These were enhanced by educational lectures in a "Topics in Art" series.

Performances during the academic year were coordinated with the academic Departments of Music, Theatre Arts, and Art to provide the university community and the community at large with a full spectrum of concerts, plays, ballets and exhibits. The Stony Brook Symphony Orchestra and the university choirs doubled their audiences at concerts and frequently sold out. Stony Brook Theatre performances also showed great increases in audience attendance.

The Department of Music's ongoing dedication to contemporary music once again produced a substantial series of concerts highlighting the music of our time, from early 20th century classics to premieres of new compositions. The fourth annual "Six American Premieres" concert presented specially commissioned works by Tamar Diesendruck, Donald Grantham and others. This concert was repeated at Merkin Hall in New York City.

On a more traditional note, the Department of Music presented a fully staged performance of Handel's *Julius Caesar*, with guest artists assisting a student cast.

The fifth annual International Theatre Festival held during June and July of 1990 attracted over 12,000 people to six plays from Ireland, France, South Africa, England, Czechoslovakia and China. Box office proceeds in excess of \$150,000, coupled with funds from major corporate sponsors, enabled the university to present the festival without putting an additional financial burden on Staller Center operations.

The Bach Aria Festival and Institute in June was an extraordinary success, bringing together young and seasoned musicians to study and perform. This year the concerts (which played to capacity audiences) linked Bach to later composers — Mozart, Stravinsky, Villa Lobos — whom he influenced. The two-week program included six concerts at the Staller Center, one in New York City, and a day-long "Bachanalia" in Nassau County.



Stephen Rocks and Terese Capucilli in "El Penitente."

MARTHA SWOPE

Hundreds of events were held in the Staller Center's five performance spaces, lobby and gallery, from graduate student music recitals to award ceremonies, from formal lectures to experimental drama.

## Distinguished Visitors

The university was honored in September with a two-day visit by the Dalai Lama of Tibet, who was presented with an honorary doctoral degree. The Dalai Lama gave the opening talk in this year's Distinguished Lecture Series, sponsored by the Office of the Provost and *Newsday*. In addition, the Reverend George Tinker, author Maxine Hong-Kingston, African rights activist Maki Mandela, and anthropologist Helen Fisher presented lectures.

The Humanities Institute, under the direction of E. Ann Kaplan, brought to campus a series of visiting scholars who presented lectures and seminars. They included Houston Baker of the Center for Black Literature and Culture, University of Pennsylvania; Joan Scott, historian at the Institute for Advanced Study, Princeton University; Laura Mulvey, feminist film director; and Teresa De Lauretis, professor of the history of consciousness at the University of California, Santa Cruz. Resident fellows during the year were professors Krzysztof Debnicki from Warsaw University, Poland; and Caren Kaplan from

Georgetown University, Washington, D.C.

In December, the university presented prominent Korean-born physician and Christian minister Joshua Park with Stony Brook's first Korean-American Award, which recognizes a distinguished member of the community who has enhanced the relationship between the United States and Korea. Dr. Park, a medical doctor who earned a master of divinity degree from the Andover Newton Theological School in 1987 at age 74, established churches in Rhode Island and Massachusetts and has treated thousands of patients over the years, often donating his services to the needy.

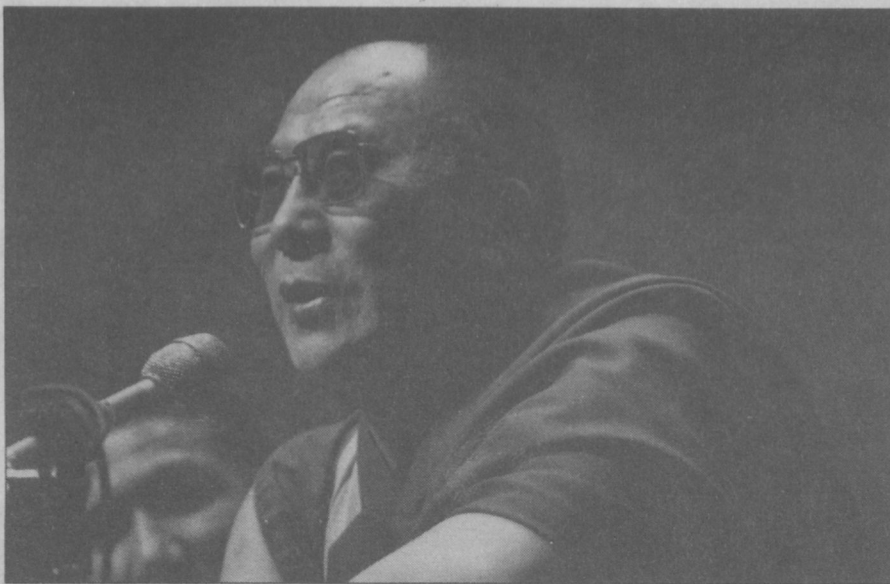
In May, noted AIDS researcher and educator Mathilde Krim delivered the keynote commencement address. Krim and Latin American novelist Isabel Allende were given honorary degrees at the ceremony.

Also during 1990-91, major conferences on topics such as game theory, unified field theory, and topology brought to Stony Brook international experts in economics, physics and math, among other specialties.

## Other Cultural Highlights

The Humanities Institute cosponsored two film series in conjunction with the Greater Port Jefferson Arts Council, the Village Cinema and Theatre Three. In the fall the





The Dalai Lama at Stony Brook

MAXINE HICKS



University Hospital doctors, nurses and respiratory therapists who volunteered to be part of a critical care team to treat military personnel injured in the Persian Gulf War.

MAXINE HICKS



A scene from "Master Harold"...and the boys from the Asolo Theatre Company.

LAWRENCE C. VAUGHN



Maki Mandela



John H. Marburger at the SEFA campaign reception.

theme was "Soviet Cinema: a Selection of the Recent Best," and in the spring, "Jews in Cinema."

This year launched the Alternative Cinema series at the university, the weekly screening of avant-garde and foreign films.

Hispanic Heritage Month, Black History Month, and Women's History Month brought to campus many visiting speakers and performers as well as highlighting many faculty, staff, and student activities around those themes.

A collection of writings by and about the abstract artist John Ferren (1905-1970) was donated to Stony Brook's Pollock-Krasner House and Study Center in East Hampton by Ferren's widow, the painter Rae Ferren. The gift includes texts of 17 lectures, articles, and statements by Ferren whose ideas on the nature of abstraction and the creative process influenced the American avant-garde movement in the 1940s and 1950s.

### School Partnerships

The university's Center for Excellence and Innovation in Education and Center for Science, Mathematics, and Technology Education served as the focal point for a variety of programs designed to enrich the academic experience of Long Island public school students and their teachers.

During 1990-91 Stony Brook's Student Research Sup-

port Program provided seminars, guidance and laboratory facilities for over 1,000 Long Island high school students preparing for state, regional and national science competitions. As part of the program, the university hosted the national Science Olympiad regional finals — an event that drew 450 students — and the International Science and Engineering Fair, in which 62 students competed. The event drew more than 300 spectators. Of 70 Long Island students who qualified as Westinghouse Talent Search winners, 23 percent participated in the Stony Brook program.

A summer "Space Camp" for high school students explored the scientific and social issues involved in developing a manned orbiting spacecraft, and a week-long DNA research program in June introduced 16 junior high school students to research facilities on campus.

A series of 50 short courses for science teachers focusing on advances in research and science training was offered along with a workshop for elementary and junior high school teachers. In addition, the Center for Science, Mathematics, and Technology Education became the editorial office headquarters for the *Journal of College Science Teaching*, published by the National Science Teachers Association and distributed throughout the world.

Secondary school teachers and their gifted and tal-

ented students also participated in a Long Island High School Teachers Colloquium that featured presentations by distinguished Stony Brook scholars and researchers.

Included in the 1990-91 offerings were a number of state-funded programs for underrepresented groups, among them:

- a Science and Technology Entry Program (STEP), which provided summer and academic year classes, workshops, and support groups that encourage high school students to pursue technical and health careers. A total of 250 secondary school students from six Suffolk County school districts participated.
- the Liberty Partnership Program, which provided summer and academic year tutorials and workshops for 400 high school students in five Suffolk County school districts.
- the Suffolk Partnerships Program, which offered support services for 400 students at risk of dropping out of school in four Suffolk County districts.
- the Teacher Opportunity Corps, which recruited and trained 71 high school students for the teaching profession. As part of their training, the students volunteered their time in seven Suffolk County school districts.

### Stony Brook Employees Reach Out

Campus employees contributed \$100,000 to the university's 1990 SEFA/United Way campaign, an increase of 15 percent over the previous year. The university also led all other state agencies on Long Island in contributions.

The results were especially gratifying to President John Marburger, who chaired the 1989 SEFA campaign and is heading the 1991 United Way of Long Island campaign. The biggest single increase among campus donors came from the Health Sciences Center, which contributed a record \$24,000. The SEFA campaign, run in conjunction with the United Way of Long Island's annual drive, allows state employees from 40 governmental agencies on Long Island to support nearly 2,000 health and human services agencies in New York State, some 200 of which serve the bi-county region. United Way divides its contributions among more than 140 groups. Two USB affiliated organizations — Stony Brook Child Care and the University Hospital Auxiliary — were among those benefiting from the SEFA campaign.

In another dramatic example of social outreach, a team of 16 University Hospital doctors, nurses and respiratory therapists volunteered to be part of a group of critical care specialists to treat military personnel injured in the Persian Gulf War. The team was one of 28 drawn from medical centers around the nation by the Society of Critical Care Medicine, a California-based group that organized the effort at the request of the Army Medical Department.

# ECONOMIC DEVELOPMENT



With a high-technology incubator about to rise on campus and with innumerable programs already in place to serve business and industry, Stony Brook strengthened its hand in 1990-91 as a major player in shaping the region's economy.

Through more than a dozen institutes and centers of study and research, the university increased its efforts to provide Long Island industry with the tools and personnel needed to shift from an emphasis on defense to high technology. During 1990-91, Stony Brook assisted regional businesses and industry in more than 150 projects ranging from an analysis of the labor market and productivity of Long Island workers to the training of Long Island Lighting Company middle managers.

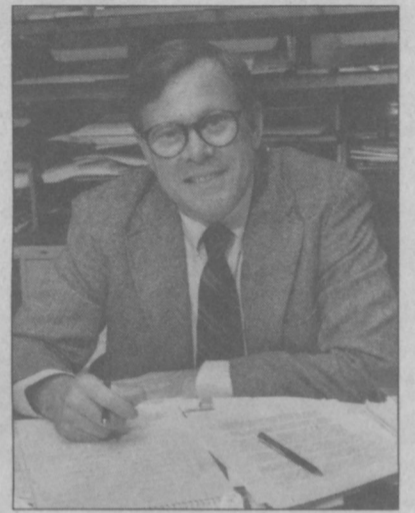
Degree programs in areas such as information systems, scientific instrumentation, and technology management were geared specifically to the needs of the more than 600 high-technology companies within a 20-mile radius of the campus.

The university itself is a major economic force in the region, providing employment for over 8,500 workers and infusing the regional economy with more than \$1.4 billion a year (based on actual annual expenditures of more than \$500 million times a conservative economic multiplier), some \$800 million of which is in business volume alone; i.e., university purchases of supplies, equipment, and services from Long Island companies. In addition to being a major regional employer, the university generates demands in goods and services that create another estimated 15,000 jobs in the region.

Among the university units in the forefront of efforts to help the Long Island economy during 1990-91 were the Center for Biotechnology, the Long Island High-Technology Incubator, the W. Averell Harriman School for Management and Policy, the Marine Sciences Research Center, and the School of Continuing Education.



Moltech's Leonid Boguslovsky and Paul Hale confer. Moltech is one company in the High Technology Incubator program.



Jerry R. Schubel, director of the Marine Sciences Research Center



At the Incubator dedication ceremony, October, 1990.

## Center for Biotechnology

In 1990-91, the Center for Biotechnology, a center for advanced technology in medical biotechnology funded through the New York State Science and Technology Foundation, awarded seed grants totaling \$487,107 to 14 researchers — 13 from Stony Brook — who are engaged in research with commercial potential. Two other projects are funded by the center's Small Business Research and Development Program. In all, research funded by the Center in 1990-91 resulted in ten invention disclosures, six

patent applications, and five license agreements.

During 1990-91, the center, under the direction of Richard Koehn, made a wide-ranging survey of the state's biotechnology industry, hosted its third annual biotechnology job fair, and sponsored the Distinguished Corporate Scientist Lecture Series, which brought scientists from major corporations to the campus. The center also took the lead in establishing the New York Biotechnology Association, temporarily headquartered at Stony Brook.



Town and gown: (standing) Gerrit Wolf and other faculty from Harriman School meeting to discuss future projects with area business persons.



Glenn Yago

### High-Technology Incubator Program

Fall 1992 occupancy is anticipated for a long-planned \$6 million, 42,000 square foot Long Island High-Technology Incubator building to be built on a ten-acre site on Stony Brook's east campus. The facility will house up to 30 fledgling companies in fields such as biomedicine, information technology, environmental science, and electronics.

The facility will succeed Stony Brook's six-year-old interim Incubator Program, which continued to expand during 1990-91. With 13 tenants currently occupying 14,000 square feet of space on campus, an additional five companies are expected to be part of the operation by the beginning of 1992. To date, three companies have "graduated" from the Incubator Program, which nurtured their operations with shared services and low rents until they could establish themselves in the commercial marketplace. As a result, the three companies have added 70 new jobs to the Long Island economy and occupy 35,000 square feet of commercial space.

THE UNIVERSITY ITSELF IS A  
MAJOR ECONOMIC FORCE IN  
THE REGION, PROVIDING  
EMPLOYMENT FOR OVER  
8,500 WORKERS AND  
INFUSING THE REGIONAL  
ECONOMY WITH MORE THAN  
\$1.4 BILLION A YEAR

### Center For Regional Policy Studies

Stony Brook's Center for Regional Policy Studies, under the direction of Lee Koppelman, executive director of the Long Island Regional Planning Board, provides government and private industry with a statistical framework in which to make decisions.

One such study, a Long Island Comprehensive Strategic Economic Development Plan, will provide the first all-inclusive look at Long Island's economy in more than 20 years. To be completed in 1992, the study goes beyond Long Island's original 1970 Master Plan, examining ways to ensure a sound economy by the year 2010.

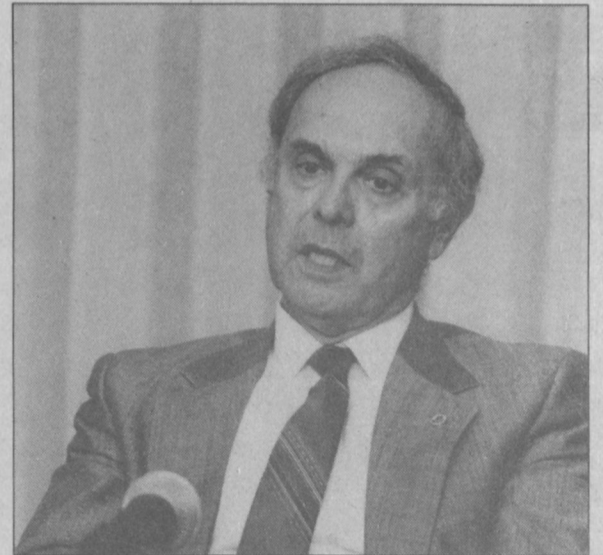
The center is also looking at methods of making taxation responsive to regional needs in a study being conducted for the Bi-County Temporary Commission on Tax Relief on Long Island.

### Harriman School

At the W. Averell Harriman School for Management and Policy, 80 students in a graduate-level group projects course worked with 27 businesses and nonprofit agencies during 1990-91. The students explored management issues for clients ranging from the National Association of Women Business Owners to Pathmark.

The Economic Research Bureau, a public policy research arm of the Harriman School directed by Glenn Yago, prepared a report on the flow of state revenues to and from Long Island. The results were detailed at the 1991 Long Island Economic Summit, an unprecedented meeting of regional leaders who gathered to set priorities for the region's economic future.

In an effort funded by New York State, Harriman's Center for Labor/Management Studies, headed by Manuel London, surveyed 5,000 companies and held a series of support groups, a panel discussion, and two job fairs for older workers. The Harriman School is also conducting a yearlong, state-backed study on the use and misuse of computer-integrated management systems among Long Island businesses.



Veteran planner Lee Koppelman heads Stony Brook's Center for Regional Policy Studies, which is helping government and industry make key decisions about the region's future.

### Small Business Development Center

The New York State Small Business Development Center, established in 1989 at Harriman, assisted 350 clients in 1990-91. The Center, under the direction of Judith M. McEvoy, also became part of the New Technology Access System, a database of commercially viable research taking place on SUNY campuses. In addition, it sponsored a series of conferences on topics such as franchises and the recession.

### Regional Task Force

The Stony Brook Regional Development Task Force, a committee composed of university academic and administrative leaders, ended its second year with a wide-ranging report on strategies for high-technology development on Long Island. Task force Chairperson J.R. Schubel, dean of Stony Brook's Marine Sciences Research Center, served as a facilitator at the Long Island Economic Summit where participants endorsed a concept that originated at task force meetings, the establishment of an Environmental-Economic Roundtable. The roundtable will serve as a forum to preserve the delicate balance between Long Island growth and the region's fragile environment.

### Marine Sciences Research Center

During 1990-91, the Marine Sciences Research Center kept close watch on the quality of the region's marine life, providing research into problems and conferences for those engaged in the marine-related industries. A new series of bulletins expanded the center's efforts to provide up-to-date information on environmental issues. The center's Waste Management Institute continued to evaluate new approaches to waste disposal and recycling, including the potential uses of building blocks made of incinerator ash.

### Center for Corporate Continuing Education And Training

During 1990-91, the School of Continuing Education's Center for Corporate Continuing Education and Training provided ongoing classes in business skills, real estate and insurance licensing as well as management seminars both on campus and at over 50 business locations throughout Long Island.

The School of Continuing Education, under the direction of Dean Paul Edelson, also awarded its first graduate certificates in waste management. The program, offered in conjunction with the Marine Sciences Research Center, is one of three CED graduate programs addressing Long Island's urgent employment needs. The others offer graduate certificates in Long Island regional studies and in environmental/occupational health and safety.

# CAMPUS LIFE

**N**ew housing, new athletic facilities, new buses, and new ideas for increasing participation in student organizations boosted the quality of student life at Stony Brook in 1990-91.

Topping the list in terms of impact on campus life was Campus Life Time, a new 90-minute period every Wednesday in which no classes are scheduled. The free period allows students and faculty to take part in campus clubs and events. Campus Life Time has been a boon to many commuter and residential students previously hard pressed to find time to participate in campus organizations and activities, says Vice President for Student Affairs Frederick R. Preston.

During the 1990-91 academic year, war in the Persian Gulf spurred Stony Brook students to action, with campus rallies and activities reflecting the broader debate on America's role in the Middle East. Despite opposing views, Stony Brook students were united in their support for the troops, putting aside their differences to tie yellow ribbons on campus trees and lamp posts and to inscribe their messages on a large quilt made of bedsheets, destined for the front. Students were also active in expressing their views on tuition hikes, mandatory fees, parking, and other opinion-galvanizing issues. Although two students were arrested for allegedly inciting to riot during a demonstration against a federal rule preventing people of Haitian or sub-Saharan African origin from donating blood, this violence was a rare exception, even on this highly volatile issue. (The federal government changed its position on the offensive rule the day following the incident.)

Campus tensions were eased somewhat by the efforts of the Campus Community Advocate Florence Boroson during her first year of operation in 1990-91. Referred to elsewhere as an ombudsman, the campus community ad-

vocate provides informal and confidential advice, assistance, and mediation to students as well as faculty and staff, and resolved 250 disputes in the current year.

The opening of new graduate housing facilities, coupled with renovations to the Chapin Apartment Complex during the 1990-91 academic year, helped to resolve a serious campus housing shortage. Now that the graduate facilities have been completed, Stony Brook officials have begun planning a multistage rehabilitation project that will eventually fit 26 undergraduate residence halls with new heating systems, state-of-the-art security systems, and furnishings. Work is expected to begin before the end of 1991.

Despite these improvements, the campus has been forced to defer some major maintenance projects that are far beyond the capacity of our operating budget. Deterioration of roads and pavements, damage from unrepaired roofs, power plant obsolescence and aging HVAC equipment in nearly every building limit our ability to provide the best environment for work and study.

The first of a fleet of 12 new, air-conditioned buses rolled across campus in late November, 1990, replacing

vehicles that had been on the road for as long as 27 years. The new vehicles, combined with an innovative new student-driver program, made it possible to increase bus service from 300 to 600 hours per week.

Parking is still a serious campus problem, not improved by the state's decision last year to remove \$400,000 from the Stony Brook operating budget to be replaced by parking fees. The Stony Brook Council did not authorize a parking fee for students, Research Foundation employees and other nonunion administrators, citing the unevenness of the fee's impact on those who benefit from parking services.

The 1990-91 academic year marked the creation of:

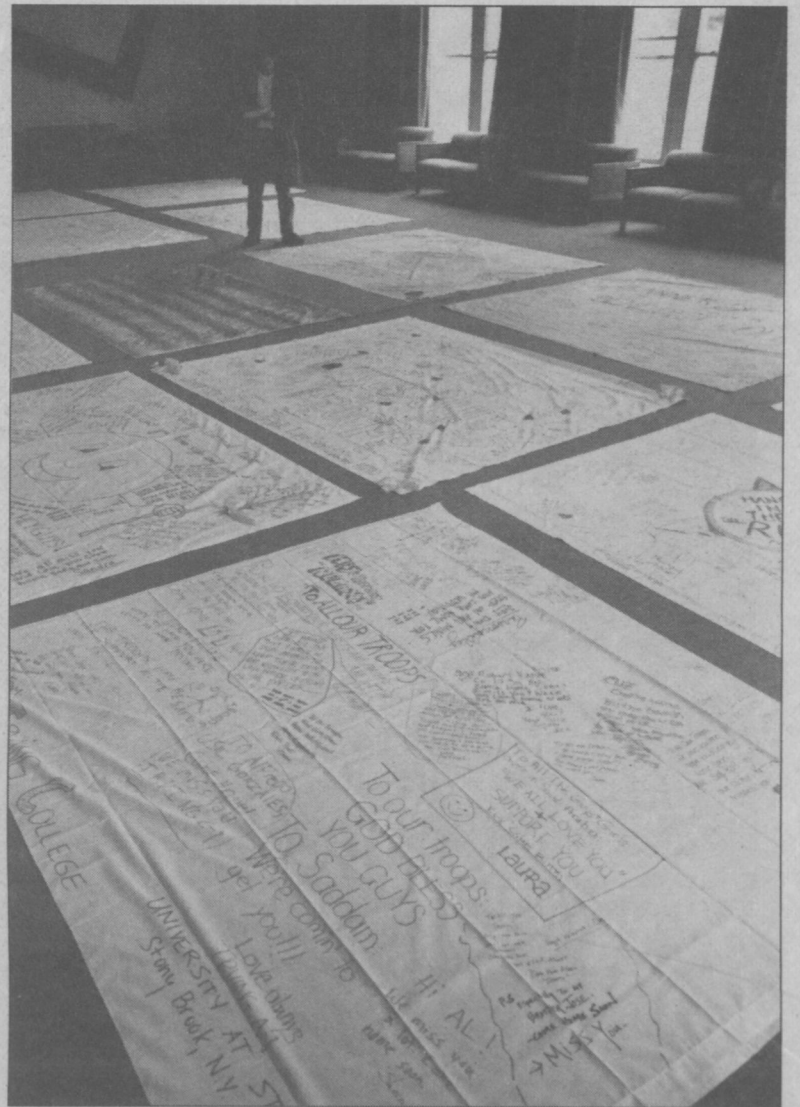
- A Step Beyond, a project developed by the Division of Campus Residences that goes beyond traditional ways of dealing with the issue of date rape and its prevention. The project stresses small group interaction in which trained peer facilitators encourage discussion, disclosure and creation of a student support system.

- An AIDS Peer Educators group, also initiated by Campus Residences. This peer-based intervention plan



I-CON 1990

MAXINE HICKS



Sheet greetings for troops in Saudi Arabia

MAXINE HICKS



Jean Massillon

ROBERT P. D'ROURK

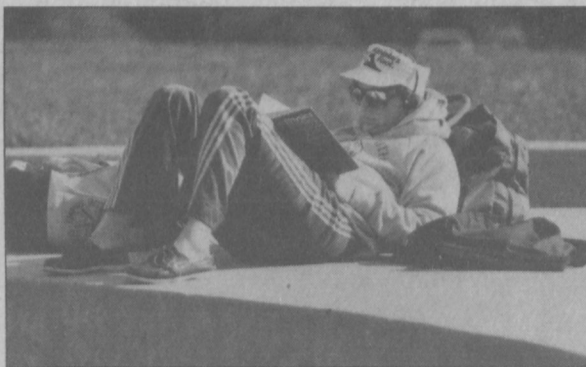


Community Partnership Day

MAXINE HICKS



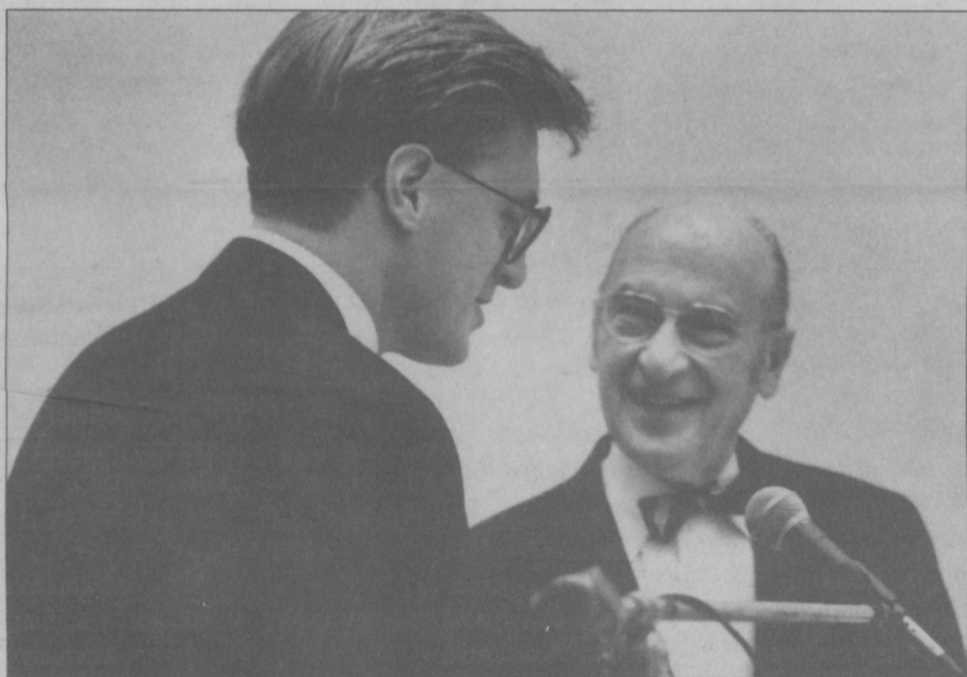
Hand College students launch their boat, Hand Job, at the 1991 Roth Regatta. MAXINE HICKS



A student stretches out to study physics in the sunshine.



Barbara Fredricks of Research Services, planting a shrub for Campus Cleanup Day. MAXINE HICKS



Sheldon Cohen, president of the Alumni Association, with Irving R. Levine, keynote speaker at the Alumni Association's Recession Workshop.

involves training a hand-picked group of resident assistants in techniques and strategies for reducing exposure to HIV among students.

- The creation of a Student Ambassadors program, a blue-ribbon team of undergraduates who assist with major university programs and special events.

### Traditions

Stony Brook continued to build upon its traditions and create new ones during the 1990-91 academic year.

- One of the largest traditional campus events, I-CON, marked its tenth anniversary on the Stony Brook campus in April. The three-day convention drew well over 4,000 science, science fiction, and fantasy fans, a Soviet astronaut, and famous authors, publishers, and artists. The event exceeded its budget, creating a problem for Student Polity, which officially sponsors the event.

- The third annual Community Partnership Day drew 1,500 adults and children to the campus in March. The event incorporated the regional finals of the high school Science Olympiad and featured campus exhibits on the

Mindpower Midway, the first annual Great Stony Brook Paper Airplane Contest, and other activities whose breadth and scope are slated for expansion in ensuing years.

- The annual Roth Quad Regatta, a boat race on Roth Quad pond for vessels constructed of such materials as cardboard, duct tape, and one can of paint, sailed into its third season on a sunny late April afternoon. The event attracted more than forty craft and several thousand cheering onlookers as well as local print and electronic media. The competition is open to faculty, staff, and students.

- Campus Cleanup Day marked its fourth year in April, this time drawing 245 faculty, administration, student and staff volunteers who teamed up to rake, sweep, plant, paint and otherwise beautify the campus. Projects were planned by physical plant personnel to maximize volunteer productivity.

- Homecoming drew thousands of alumni, students and fans whose spirit never wavered as they converged on a rain-dampened campus for a fall fest weekend of fun, reunions with former classmates, athletic contests, a parade of student floats and banner competition.

- May brought Stony Brook's first indoor commencement, which retained the flavor and traditions of previous outdoor ceremonies and insured against inclement weather. The ceremony's location in the Indoor Sports Complex made the ceremony considerably more impressive, but it was necessary to limit tickets to the immediate families of graduating students.

### Athletics

After more than 20 years of planning and three years of construction, Stony Brook's Indoor Sports Complex officially opened on October 11, 1990, with the Patriots hosting their first basketball games in the new \$17 million, 105,000-square-foot facility on the weekend of November 16.

The 1990-1991 year continued to produce outstanding records in both men's and women's sports. In team action, women's volleyball ended the season as New York State champions and finished second in the eastern division of the National Collegiate Athletic Association. The men's basketball team, ranked 12th in the nation, emerged as this year's Skyline Conference champions and was ranked No. 1 seed in the eastern division of the NCAA tournament. The men's track team finished its season as Eastern Collegiate Athletic Conference champions.

In individual achievements, five students were named All American: Katie Browngardt (women's basketball District II and ECAC Player of the Year); Roger Gill (Men's Outdoor Track-200 meter dash); Jean Massillon (Men's Indoor and Outdoor Track-110 high hurdles); Emeka Smith (men's basketball first team All State and first team Metropolitan Sportswriters), and Michele Turchiano (women's soccer- Division I, northeast region).

Stony Brook's outdoor spectator facilities remain pathetically inadequate for a major university. This year the Future Directions Committee reviewed current programs and recommended that Stony Brook move deliberately toward NCAA Division I status. Such a move will require major improvements in outdoor athletic facilities.

### Alumni

Stony Brook's Alumni Association and its undergraduate affiliate, the Student Alumni Chapter, continued to keep university graduates well connected to the campus.

Over 500 alumni turned out for Homecoming weekend, with 150 participants braving the festivity's second annual 5K run. The association also had a summer/fall lineup of one-day cruises; an array of summertime events; alumni meetings with senior staff and faculty members in San Diego, Boston, Philadelphia and Washington D.C.; the first annual College Day in the Big Apple; a Celebrity Santa Photo Day to raise funds for Stony Brook Day Care and the Little Angel Fund, and Trading Places Day, when a student changed places with Stony Brook President John H. Marburger for a day.

Also included in alumni activities were programs to help cope in today's economy: a Life After Stony Brook series focused on relocation, resume writing/job interviewing, and dressing for success, and a Recession Workshop — held in conjunction with the Harriman School for Management and Policy — took a look at strategies for success in the '90s.

Alumni concerns this year centered on the academic qualifications of undergraduate students, participation in university development decisions, and campus maintenance and appearance. The Alumni Association Executive Committee increased its contact with the university administration and forged new working relationships that augur well for increased future alumni impact on campus activities.

# MANAGEMENT INITIATIVES



Efforts begun in 1989 to streamline and strengthen financial and physical plant operations moved forward in 1990-91, resulting in both monetary savings and significant improvements to campus facilities. The university also benefited from an ongoing program to conserve sensitive resources.

## Fiscal Improvements

The university continued to decentralize management operations during 1990-91, implementing a new planning, budgeting and reporting initiative that gave greater fiscal responsibility to vice presidents, deans and others most directly affected by the university's financial decisions. Their task was made easier by the introduction of an "all funds" approach to planning and budgeting that resulted in a computer-generated budget document, which for the first time showed all sources of funding and projected expenditures by each vice-presidential area. In the past, managers had received only systematic reports on state operating budget funds, which now constitute approximately 35 percent of the total resources available. Other funds come from federal sponsors, private foundations, fund-raising, hospital and dormitory IFR revenues, the Clinical Management Practice Plan, rentals, and auxiliary services.

The Division of Finance and Management, headed by Vice President Glenn H. Watts, also consolidated its budget and accounting operations into one unit and developed an IBM student billing system module to track outstanding debts more easily and efficiently.

## Conserving Resources

A campus-wide energy conservation effort launched in 1988 continued to produce bottom line results in 1990-91. With a requirement that all new construction projects utilize state-of-the-art, energy-efficient fixtures and equipment, the installation of energy-efficient light bulbs, the recycling of fans, and a coordinated effort in which much of the campus shut down for a 16-day period from December 22 to January 6, the campaign to conserve resources translated into more than \$2.7 million in reduced expenditures for electricity and fuel alone.

By 1994, the university expects to have a 40-megawatt cogeneration plant on-line to meet its full energy and thermal needs. In cogeneration, heat produced as a by-product of electrical generation is used to generate steam and hot water. Steam and hot water heat and cool more than 100 campus buildings including 1.75 million square feet in the Health Sciences Center alone. The cogeneration project,

for which construction is expected to begin in 1992, will include a 1,200 foot-long steam tunnel and an oil pipeline from east campus storage facilities to west campus storage tanks. During 1990-91, activity on this project centered on identification of developers and negotiation of extremely complicated legal, financial and management documents.

## Physical Plant

Its operations streamlined and reorganized by Vice President Harry P. Snoreck, the Division of Campus Services made great strides in improving the physical appearance of the campus during 1990-91. Roofs on more than three dozen campus buildings were repaired or replaced, grounds were maintained on a regular basis, and the Department of Facilities Engineering expanded to include personnel who oversee and plan construction projects with an eye toward energy conservation and cost savings. The Systematic Maintenance and Repair Team (SMART) was created to provide regular maintenance and repair services on a rotating basis to all campus facilities.

A decision to eliminate overtime in all but the most critical circumstances led to an 83.4 percent reduction in such expenditures, from nearly \$1.2 million in 1989-90 to a total of \$191,461 in 1990-91. Other savings were realized in the restructuring of several departments that now come under the aegis of Facilities Operations. They include the east and west physical plant, environmental health and safety and facilities engineering.

## Project Prometheus

Initiated by President Marburger in fall 1989 to coordinate management of sensitive resources including energy, water, sewage, municipal solid waste, toxic and hazardous waste and medical waste, Project Prometheus was launched by a task force chaired by Marine Sciences Research Center Dean J.R. Schubel. The task force developed a list of nearly 100 recommendations that have been assigned to senior administrators for further evaluation and response. Some of the proposals have already been instituted. The committee included six separate working groups that con-

centrated on formulating specific solutions to conservation problems.

## Computing and Communications

The Division of Computing and Communications, headed by Vice Provost Roger J. Pijacki, made significant strides in improving telephone, video, and computer communications on campus during 1990-91. A new Stony Brook Television Network (SBTV) is bringing 12 channels of off-air television signals to more than 7,000 resident students and is laying the groundwork for a campus TV station. The phonemail system was also expanded in 1990-91, increasing the number of users to 2,600. Telephone systems were extended to the Indoor Sports Complex and the new graduate housing complex and expanded at the School of Dental Medicine and the School of Medicine.

## Management Effectiveness and Strategic Planning

During 1990-91, Stony Brook's Central Administrative Team engaged in a series of combined executive training program and team-building retreats. The meetings were facilitated by a professional strategic planning consultant who designed the series to increase the quality of administrative cooperation and performance at Stony Brook. Participants included the president, provost and vice presidents, as well as a small number of others with substantial administrative or fiscal responsibilities. The series defined the characteristics of Stony Brook's strategic planning initiative that will begin in fall 1991.

## Appointments

Al Ingle was named assistant vice-president for facilities operations and will be responsible for all facilities operations including the east and west physical plants as well as facilities engineering. Before joining Stony Brook, he served as facilities administrator at West Virginia University.

## REVENUE SOURCES AND EXPENDITURES

### Operating Budget

1990-91	\$503,677,500
1991-92 (Projected)	\$546,859,200

### Total Budget by Revenue Source, 1990-91

State Purpose	\$177,884,615
Income Fund Reimbursable	26,214,400
Dormitory Income Fund	11,738,000
Hospital Income Fund	160,125,500
HIFR-IFR	6,041,000
Special Appropriation	1,752,500
Restricted Current	39,600
Long Island State Veterans Home	6,000,000
Research (Federally Sponsored)	40,731,625
Research (Nonfederally Sponsored)	8,121,785
Research (Independent and Other)	6,373,042
Clinical Practice Plan	57,184,000
Research (Service Accounts)	1,471,452
<b>Total</b>	<b>\$503,677,519</b>

### Total Budget by Expenditure, 1990-91

Salaries	\$350,284,974
Supplies and Expense	108,842,968
Utilities	25,605,400
Equipment	18,944,177
<b>Total</b>	<b>\$503,677,519</b>

# PRIVATE GIVING



Working closely with alumni, friends, corporations and foundations, the University at Stony Brook increased private support to more than \$10 million in 1990-91.

With state funding diminishing each year, the Stony Brook Foundation — the nonprofit fund-raising arm of the university — continued to play a pivotal role in securing the financial underpinnings for a broad range of campus programs, scholarships, and services.

To that end, the Stony Brook Foundation, under the leadership of its President Carole G. Cohen, vice president for University Affairs, has enhanced existing giving programs and launched successful new efforts to encourage private support. The foundation operates in concert with the Office of University Affairs in helping to promote Stony Brook as a leader among institutions of research and higher education.

## University Annual Fund

In 1990-91, the University Annual Fund generated nearly \$454,000 in pledges through the two-year-old Telefund — an impressive 216 percent increase over the previous year's total. The Telefund set new records in virtually every area of support including alumni, faculty/staff and parents, putting hundreds of new names on the donor rolls. In the past two years, the number of alumni donors has risen dramatically, up 217 percent.

## Student Financial Support

Increasing the availability of student financial support, particularly for students with outstanding academic potential, remains a top priority. In 1990-91 more than \$435,000 was raised for scholarships, fellowships, and awards.

Thomas Kranidas, chairperson of the Department of English, established two awards in honor of fellow department members Homer Goldberg and David Erdman. One award is for a graduate student in English, the other for an undergraduate. An anonymous alumnus established an endowment that supports the department's annual Creative Writing Award.

A scholarship in memory of Christine Rothman, who served as assistant director of the Intensive English Center, was also created. Established by Judd M. Rothman, the award will go to a student enrolled in the center.

## Other Designated Funds

The Korean Studies Program received the first \$100,000 of a three-year pledge of \$300,000 from an anonymous donor, one of several gifts made in 1990-91 to support studies in Korean language, history and culture at Stony Brook.



Clare Rose and Marcia Simons, science director of the Living Skin Bank, at the Stony Brook Foundation's annual donor dinner last October.

A fund-raising campaign for the new Indoor Sports Complex also got underway in 1990-91. Seven areas of the west wing have been named for individual donors, including the indoor track, the basketball, football, and squash team rooms, the squash lounge, the director's conference room and the athletic training room. Many of the chairs at the center court bleacher section have been named as well, insuring the individuals who purchased them superb seats to all events. Substantial support for athletics continues to come from the William and Maude Pritchard Fund through the auspices of former Stony Brook Foundation President Edward Gunnigle. During 1990-91 the Stony Brook Council authorized naming the gymnasium in the east wing of the complex in honor of the Pritchards.

## Gifts In Kind

Numerous gifts in kind were donated to the university during 1990-91, non-monetary items that are useful for the advancement of educational excellence and achievement in a broad range of disciplines. Among the donations were:

- 20 fully integrated advanced scientific computer workstations worth close to \$250,000 from Sun Microsystems, California, for the Department of Mathematics.
- 20 computer systems worth \$30,000 from Hyundai Electronics of America for the university's living/learning centers.
- A \$75,000 Coulter S770 Hematology Analyzer from Eastern Long Island Hospital and Coulter Electronics, New Jersey, to the School of Allied Health Professions.
- A 48-foot Grand Banks fishing trawler donated to the university's Marine Sciences Research Center by Stony Brook Foundation Chairperson James Simons of Old Field, to further the center's work.
- 1,000 Yiddish books, a priceless collection of work by every major Jewish author, from the family of the late Isadore A. Raff to the Frank Melville, Jr. Memorial Library.
- A collection of Mexican ceremonial dance masks for the university's Cedric and Daisy Marks Collection of Mexican Folk Art, from Cedric Marks of New York City. In addition to their scholarly value, the masks will be incorporated into university dance presentations.
- The Gallatin Collection, some 144 antiquarian books from Louise G. Tyler, including a volume of original etchings by noted American artist James McNeill Whistler



Student ambassador Angela Tu presents the President's Circle award to Mr. and Mrs. Erwin Staller at the donor dinner of the Stony Brook Foundation.

and a 1911 issue of photographer Alfred Steiglitz's *Camera Work* which contains many fine reproductions of French sculptor Auguste Rodin's drawings.

Corporate donations and contributions from the Friends of Staller Center, as well as gifts in kind, made for a successful season for Stony Brook's International Theatre Festival. Among the major donors were National Westminster Bank USA, Norstar Bank, Key Bank, North Fork Bancorp, Allstate Insurance, Rankin Realty and BOAC.

More than 200 persons gathered for the Stony Brook Foundation's 1990 annual Donor Recognition Dinner in the Gallery of the Health Sciences Center. In addition to recognizing those individuals who have supported the university, the dinner also celebrated 25 years of service by the foundation to Stony Brook and the tenth anniversary of University Hospital.

## School of Medicine/University Hospital

University Hospital and the School of Medicine continued to widen their networks of support during 1990-91 through the newly formed Dean's Council and with the creation of a Decade Fund.

With its membership at an even dozen, the council — an advisory body — broadened its scope to include development, community relations and governmental relations. The development committee will be pursuing fund-raising projects over the next year.

The Decade Fund generated over \$22,000 in gifts to University Hospital during 1990-91. The fund uses periodic mail solicitations seeking contributions from University Hospital patients and past supporters.

Among the major gifts in 1990-91 was a \$25,000 specially equipped orthopaedic surgical table donated by Robert and Phyllis Seavey in honor of Paul E. Levin of the Department of Orthopaedics. Seavey is a member of the Dean's Council.

University Hospital's research into Lyme disease got a financial assist in the amount of \$20,000 from the William and Ethel Kennedy Foundation. Nearly \$30,000 was raised for the hospital's Lyme disease research effort through a cocktail party hosted by Bernard and Susan Mendik. Several other fund-raisers and individual donations also have been earmarked for Lyme disease research. One popular event, a "Tick or Treat" dance organized by volunteer Mary Ann Tupper, has become an annual eastern Long Island tradition. As a result of Tupper's efforts, proceeds from the annual Memorial Day "Potatohampton" race held in Bridgehampton were also directed toward the hospital's Lyme disease research.

## Appointments

**Thomas Boyden**, named associate vice president for development, University Affairs.

**Daniel Ventola**, named director of finance, Stony Brook Foundation.

# FACULTY HONORS AND AWARDS

Among the major fellowships and honors awarded to Stony Brook faculty members during 1990-91 were:

*American Academy for the Advancement of Science Fellow*

**Frank Fowler**, Department of Chemistry

*William J. and Florence M. Catacosinos Young Investigators Award*

**Janet Andersen**, Department of Obstetrics and Gynecology



**Miguel Berrios**, Department of Pharmacological Sciences  
**Stanley Fields**, Department of Molecular Microbiology  
**Deborah French**, Department of Pathology  
**Janet Hearing**, Department of Molecular Microbiology

*Camille and Henry Dryfuss Teacher Scholar Award*

**Scott Anderson**, Department of Chemistry

*Fellow of the Royal Society (Great Britain)*

**Paul Adams**, Department of Neurobiology and Behavior

*Fulbright Fellowship*

**Barbara Frank**, Department of Art  
**Stacey Olster**, Department of English

*Fulbright-Hays Awards*

**Nicholas Rzhnevsky**, Department of Germanic and Slavic Languages and Literatures

*Fulbright Scholars Program*

**Therese Gruszewski**, Department of Theatre Arts  
**Brooke Larson**, Department of History  
**Molly Mason**, Department of Art



**Susan Squier**, Department of English

*John Simon Guggenheim Memorial Foundation Fellowship*

**Daniel Bogenhagen**, Department of Pharmacological Sciences  
**Martin Rocek**, Department of Physics

*Andrew Mellon Foundation*

**Glenn Yago**, Harriman School for Management and Policy

*National Endowment for the Humanities*

**Clyde Lee Miller**, Department of Philosophy

*National Institutes of Health MERIT (Method of Extended Research in Time) Award:*

**Ira S. Cohen**, Department of Physiology and Biophysics

**William Lennarz**, chairperson, Department of Biochemistry and Cell Biology.

**David Williams**, Department of Pharmacological Sciences

*National Institutes of Health Javits Neuroscience Investigator Award*

**Jakob Schmidt**, Department of Biochemistry

*National Science Foundation Presidential Young Investigator Award*

**John Grove**, Department of Applied Mathematics And Statistics  
**Frank Webster**, Department of Chemistry

*National Science Foundation Visiting Professorship For Women*

**Michelle Millar**, Department of Chemistry

*Russell Sage Foundation Fellowships*

**Frank Romo**, Department of Sociology  
**William Taylor**, Department of History

*Alfred Sloan Foundation Fellowship*

**Jainendra Jain**, Department of Physics  
**Mikhail Lyubich**, Institute for Mathematical Sciences  
**Anne Preston**, Harriman School for Management and Policy  
**Gang Tian**, Department of Mathematics

*SUNY Distinguished Professor*

**Jeff Chaegeer**, Department of Mathematics  
**James Glimm**, Department of Applied Mathematics And Statistics  
**Robert R. Sokal**, Department of Ecology and Evolution

*SUNY Distinguished Service Professor*

**Robert D. Cess**, Department of Mechanical Engineering  
**J.R. Schubel**, dean and director, Marine Sciences Research Center

*SUNY Distinguished Teaching Professor*

**Rose Zimbardo**, Department of English

## Honorary Societies

**Lorraine Atkinson**, School of Allied Health Professions, was elected president of the Physician Assistant Foundation for Research and Scholarship (PAFRS) in May 1991 for a two-year term

**Joseph Dyro**, Department of Biomedical Engineering, president-elect, American College of Clinical Engineering.

**Herbert Herman**, Department of Materials Science, elected Fellow, American Ceramic Society

**Franco P. Jona**, Department of Chemistry, elected Fellow, American Physical Society

**William Lennarz**, chairperson, Department of Biochemistry and Cell Biology, served as president of the American Society for Biochemistry and Molecular Biology.

**Donald H. Lindsley**, Department of Earth and Space Sciences, elected president, Geochemical Society of America, a two-year term

**Michael Marx**, Department of Physics, elected Fellow, American Physical Society

## Other Awards, Honors, Grants, and Fellowships

**Lauren Ackerman**, Department of Pathology, Washington University School of Medicine Distinguished Service Award

**John Alexander**, Department of Chemistry, American Chemical Society Award for Nuclear Chemistry

**Barbara Bentley**, Department of Ecology and Evolution, elected a director, American Institute of Biological Sciences

**Michele Bogart**, Department of Art, Charles C. Eldredge prize.

**Angel Campos**, School of Social Welfare, Student Life Award

**Robert D. Cess**, Department of Mechanical Engineering, Oregon State University's E.B. Lemon Distinguished Alumni Award

**Sheldon Chang**, Department of Electrical Engineering, 1991 IEEE Gruenwald Award

**Lou Charnon-Deutsch**, chairperson, Department of Hispanic Languages and Literature, elected president, Feministas Unidas

**Jordan Cohen**, Dean, School of Medicine, National Kidney Foundation of New York Lester Hoenig Award and Master, American College of Physicians

**Robert Crease**, Department of Philosophy, elected president, New York Swing Dance Society

**Doretta Dick**, School of Nursing, Concept Media grant for preparation of instructional video tapes on total parental nutrition and geriatric assessment

**Diana Dolgrin**, School of Nursing, March of Dimes Maternal/Child Health Award

**Paul Edelson**, dean, School of Continuing Education, Kellogg Foundation Visiting Scholar Award

**Stanley Feldman**, Department of Political Science, elected to the editorial board of the *American Journal of Political Science* for a three-year term

**Jorge Galan**, Department of Molecular Microbiology, Searle Scholars Award and the Pew Scholars Award

**David Harris**, Department of Preventive Medicine, March of Dimes Silver Stork Award

**Martha Driessnack Hill**, Department of Pediatrics, 1990 March of Dimes Deanna Dolgin Maternal/Child Health Award for Excellence

**Richard Howard**, Department of Philosophy, Humboldt Fellowship

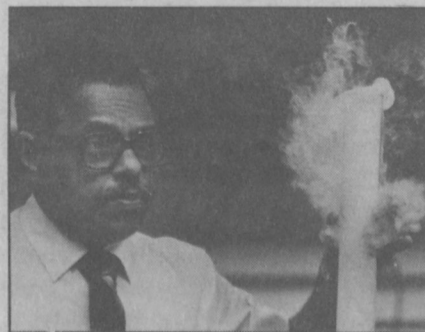
**Michael Hurd**, Department of Economics, named to Quadrennial Social Security Advisory Council Technical Panel of Experts

**Estelle James**, Department of Economics, Secretary of the Navy Fellowship

**Gary Kaplan**, Department of Neurology, Albert H. Douglas Award for Excellence in Teaching

**Richard Koehn**, director, Center for Biotechnology, Long Island Forum for Technology Tech Island Award

**Lee E. Koppelman**, Director, Center for Regional Policy Studies, Honorary Doctorate of Humane Letters, Dowling College



**C.V. Krishnan**, Department of Chemistry, Tandy Technology Scholar Award and National Science Teachers Association-Toyota Tapestry Award

**Lawrence Martin**, Department of Anthropology, L.S.B. Leakey Foundation Grant

**Dusa McDuff**, chair, Department of Mathematics, American Mathematics Society's Ruth Lyttle Satter Prize for Distinguished Research

**Kenneth McLeon**, Department of Orthopaedics, Kappa Delta Award

**Jean-Francois Mertens**, Department of Economics, NATO Scientific Affairs Division Grant

**Michelle Millar**, Department of Chemistry, Massachusetts Institute of Technology Edwin S. Webster-Abby Rockefeller Mauze Award

**Frederick Miller**, Department of Pathology, Marvin Kuschner Professorship in Pathology

**Gene Mundie**, School of Nursing, 1991 New York State Legislature's Nurse of Distinction

**John Neal**, Department of Psychology, American Psychological Association Clinical Psychology Section, Distinguished Scientific Contribution Award

**Sun Bae Park**, director, Korean Studies Program, New York State Asian American Heritage Award

**Howardena Pindell**, Department of Art, 1990 College Art Association Artist Award

**Farley Richmond**, chairperson, Department of Theatre Arts, American Institute of Indian Studies Grant

**Elias Rivers**, Department of Hispanic Languages, elected president, International Association of Hispanics

**Melville Rosen**, chairperson, Department of Family Medicine, 1991 New York State Academy of Family Physicians' Family Practice Educator of the Year

**Clinton Rubin**, Department of Orthopaedics, Kappa Delta Award

**Warren Sanderson**, Department of Economics, World Bank Visiting Research Fellowship

**James Schmitz**, Department of Economics, American Statistical Association/National Science Foundation/Census Bureau Fellowship

**Daria Semegen**, Department of Music, was the subject of the Ph.D. dissertation, "Daria Semegen: The Composer and Her Music," produced by University of Illinois student A.E. Hinkle-Turner



**Sheila Silver**, Department of Music, named a Composer In Residence, Camargo Foundation, Cassis, France

**Louis Simpson**, Department of English, honorary doctoral degree from Hampden-Sydney College, Virginia

**Robert R. Sokal**, Department of Ecology and Evolution, honorary doctorate, University of Crete

**Janet Sullivan**, School of Nursing, March of Dimes Professional Education Grant-Internship Program at the National Association for Perinatal Addiction Research and Education

**Peter Tegtmeier**, Department of Molecular Microbiology, principal investigator of a \$4.54 million award from the National Cancer Institute. The award was also made to **Michael Hayman**, **Patrick Hearing**, **Joseph Lipsick**, **Nicholas Muzycka**, and **Eckard Wimmer**, all members of the Department of Molecular Microbiology.

**Carlos Vidal**, School of Social Welfare, Chick Pizzurro Outstanding Volunteer Award from Islip Town

**Chen Ning Yang**, director, Institute for Theoretical Physics, New York State Asian American Heritage Award

**Dieter Zschock**, Department of Economics, Pew Charitable Trusts Grant