

RESEARCH CENTER



National Science Foundation funds new Science and Technology Center at Stony Brook.

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CONCERT



Russian pianist Yefim Bronfman performs at the Staller Center, Wednesday, March 20.

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WOMEN'S HISTORY MONTH



Stony Brook celebrates Women's History Month with concerts, lectures and films.

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UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

MARCH 1991

VOLUME 9 NUMBER 2

FOCUS: HEALTH CARE

Long Island State Veterans Home Ushers in New Era for Long-Term Health Care

By Deborah Schreifels

A new era in the delivery of comprehensive, long-term health care services will begin late this summer with the opening of the Long Island State Veterans Home.

Located one-half mile east of University Hospital, the 350-bed facility will be the first nursing home in the country to be integrated into the teaching, research, health care and regional development mission of a major university.

Operated by the Health Sciences Center, the home's mission is to serve

New York State veterans by providing comprehensive care to meet their medical, nursing, rehabilitation, psychosocial and personal needs. In addition to its inpatient services, the home will feature two, 25-bed specialty units: one for residents with senile dementias, including Alzheimer's disease, and the other a respiratory unit for residents with chronic lung disease.

Outreach programs will include a medical model adult day care center that can serve up to 50 veterans in the community and a long-term home health care program. When fully operational, the home will have a staff of 400 employees.

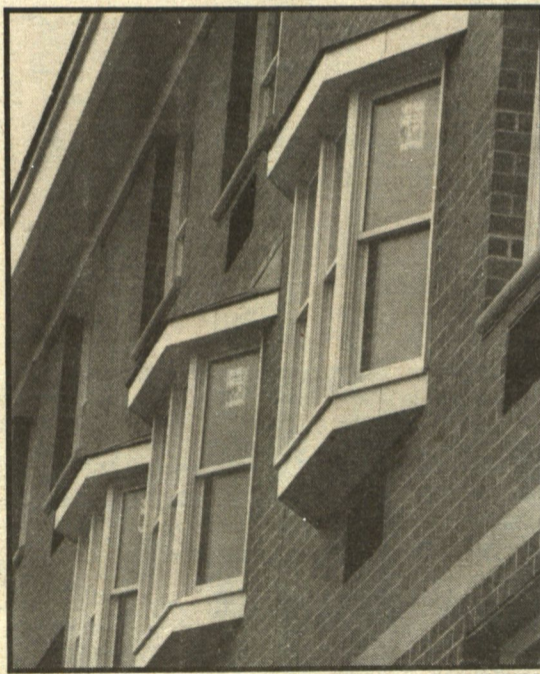
As the country's first university-based nursing home, the home represents a unique teaching model. Different from free-standing facilities that may have "affiliation" contracts with teaching programs, the veterans home will be integrated into the educational missions of the Schools of Medicine, Nursing, Allied Health Professions, Social Welfare and Dental Medicine.

The home's full range of medical specialties will be provided by physicians on the faculty of the School of Medicine. Regular inpatient clinics will offer medical, dental, optometric, podiatric and speech-audiology services. Nursing services will be provided by a staff working closely with faculty of the School of Nursing.

Rehabilitation services, such as physical, occupational and respiratory therapies will be offered in conjunction with the School of Allied Health Professions, and social services will be augmented by the School of Social Welfare. The recreational program will be devel-

The Nassau-Suffolk region has one of the largest concentrations of veterans in the country, numbering more than 300,000. About 87,000 of these veterans are over 65.

— U.S. Department of Veterans Affairs



MAXINE HICKS

oped with assistance from veterans and volunteers in the community. When necessary, residents requiring acute care intervention will be transferred to University Hospital or to the Veterans Administration Medical Center at Northport.

According to Irwin Lamm, administrator of the

home, "When education is linked to patient care services there is much more innovation and dynamism. For the home, integration with the university's programs means a better educated staff, state-of-the-art technology and the availability of the latest information on the elderly. The partnership will enable us to provide optimal levels of care for our residents."

Thomas Cottrell, executive associate dean of the School of Medicine, says, "This facility will provide a setting where the university can expand its health care mission into all aspects of training and caring for the elderly. It is a natural extension of what we are already doing."

A History Lesson in Cooperation

The origin of the Long Island State Veterans Home is a classic story of how "one person can make a difference." In the late 1970s, Jack Flatley, at the time an engineer for Grumman Corp. and commander of the Nassau and Suffolk County Council of Disabled American Veterans, was repeatedly contacted by the families of fellow veterans who were having difficulties finding adequate nursing home care for their family members. Given the frequency and seriousness of the problems and the lack of facilities for veterans, Flatley approached Assemblyman Paul Harenberg with a proposal for a state veterans home. He quickly enlisted Harenberg's support.

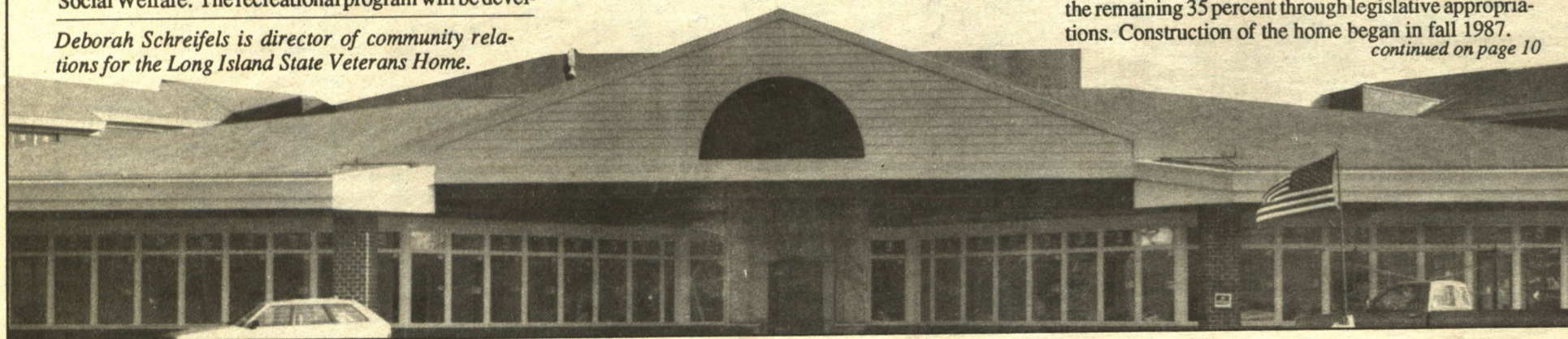
Planning for the home began in 1980 when the New York State Legislature authorized a feasibility study in response to a bill introduced by Harenberg. Based on the findings and recommendations of the study, in 1984, the Legislature appropriated funds to plan and design the home and designated the Department of Health, the Office of General Services and the State University to oversee the project. They were assisted by a veterans advisory committee and the New York State Division of Veterans Affairs.

In 1985, Governor Mario Cuomo selected the Stony Brook campus as the site for the new veterans home.

Funding to build the \$25 million facility came from a grant from the federal government. This grant pays 65 percent of the construction costs. The state has provided the remaining 35 percent through legislative appropriations. Construction of the home began in fall 1987.

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Deborah Schreifels is director of community relations for the Long Island State Veterans Home.



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"It is essential that we train students in long-term care. And as part of the process, we need to put them in long-term care settings that provide professional and emotional satisfaction."

— Edmund McTernan
Dean of the School of Allied Health Professions

Correction

We wish to acknowledge that our profile of Naala Royale in the February issue of *Currents* was based on a similar article by Jean Rousseau that appeared in *Stony Brook Press*, vol. 12, no. 7, in December, and was used without his permission. We extend our apologies to the staff of *Stony Brook Press*.

 **STONY BROOK**

Coming Next Issue

FOCUS: RESEARCH

Stressed Out
Physicians are becoming increasingly aware of the role psychological stress plays in physical maladies. In these times of recession woes and Persian Gulf worries, Stony Brook researchers explore the effects of stress and what we can do about it.

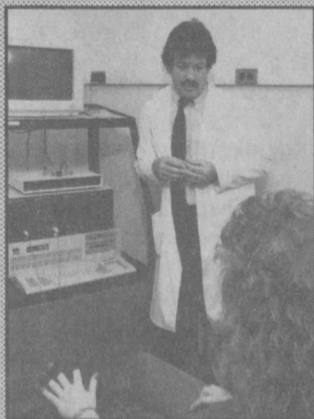


PHOTO BY MAXINE HIGGS

Also in April's issue:

Stories about specialized classrooms on campus, global warming, human origins and an update on the high-tech incubator



An Ear on the World
Long before "world music" became trendy, ethnomusicologist Jane Sugarman began to explore the music of many cultures.



Where Will Our Scientists Come From?

A panel of faculty and administrators takes a hard look at the nation's next generation of scientists. Their conclusion: it's time for changes in our culture and educational system.

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NSF Funds Science and Technology Center for High Pressure Research

Center to be Based at Mineral Physics Institute and High Pressure Laboratory

The National Science Foundation has selected Stony Brook as the lead institution for one of a group of Science and Technology Centers (STC) it is creating.

The center will receive \$1.5 million in funding this year from the NSF, with a commitment of \$2 million in additional funding annually for a minimum of four more years. The facility — to be known as the Science and Technology Center for High Pressure Research — will be based at Stony Brook's Mineral Physics Institute and operated jointly by USB, Princeton University and the Geophysical Laboratory of the Carnegie Institution of Washington. The three institutions are matching the NSF allocation with a total of \$1 million support each year.

Researchers will use the center to perform experiments under conditions that duplicate pressures and temperatures found thousands of kilometers beneath the Earth's surface. "Knowledge of the physical and chemical properties of minerals and rocks under these extreme conditions can help us answer basic questions about earthquakes, volcanoes, the growth of continents and the origin of the Earth's magnetic field," said Donald J. Weidner, director of Stony Brook's Mineral Physics Institute.

"The combined staff, equipment and resources of the three institutions involved with the new STC allow a combined attack on fundamental research problems in high pressure research," he said.

The STC program was conceived by the NSF in 1987 to establish university-based centers for basic science that directly contribute to the nation's economic competitiveness. Goals of the program include supporting multidisciplinary science and encouraging technology transfer from universities to industry.

The first group of 11 STCs was created in 1989. One hundred fifty institutions have applied for the current distribution of STC funds.

University President John H. Marburger noted that the center will be the first STC to be established on Long Island, and one of only two in New York State (the other is located at the University of Rochester.) "Although the new center will conduct basic research, it is essentially a materials research laboratory," he said. "Since new materials form the basis for nearly all new high technology, work done at the center could expand the technology base on Long Island."

The high pressure techniques used at the center could be utilized to create new and exotic materials — such as better ceramics, superhard substances and materials with



University at Stony Brook faculty members working on the Science and Technology Center program are (top to bottom): Robert Liebermann, Donald Lindsley, John Parise, Hanna Nekvasil, Donald J. Weidner and Tibor Gasparik.

superconductive properties — that are of interest to industry. Center researchers are already collaborating with General Electric, Dupont, Exxon and IBM, "and with

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University Braced for Budget Cuts

With SUNY Central officials branding their end of the state budget "austere," campus administrators here are bracing for more belt tightening in 1991-92.

The full impact of the state's fiscal crunch on Stony Brook won't be known for several weeks, but top officials anticipate a 3-7 percent cut in operating funds and an accompanying reduction of 100-150 full-time positions. The need for layoffs may be lessened by a proposal now in the works that would provide early retirement incentives to UUP members aged 55 and over.

The state deficit for 1991-92 is projected to be \$6 billion on an operating base of \$30 billion. All state agencies have been asked to take cuts of from 10 to 15 percent.

"The impact of the governor's budget recommendation for SUNY is still being analyzed by the Central Administration and by our own budget staff," says Glenn Watts, vice president for finance. "Among the proposed SUNY reductions is a lump-sum cut of \$59.8 million, a restructuring of the so-called "Research Foundation tithe" involving a \$15.3 million loss in state support, and a \$14 million cut in support for current staff as well as total elimination of the \$13.9 million in state support provided to hospitals for medical education."

The reductions proposed by the governor are about \$110 million short of what SUNY needs to continue to operate existing programs at current levels, Watts says. "This means that in addition to specific programmatic cuts and across-the-board reductions, the funding needed to offset inflationary losses has not been provided."

Officials here and elsewhere expect employment levels within SUNY to be reduced. The governor's budget proposes a

reduction of 2,338 state-funded positions, and a significant part of it will be achieved by changing the status of 832 graduate assistant and teaching assistant positions now on the state payroll.

Under the proposal, graduate assistants would be moved to Research Foundation funding and teaching assistants would be recognized as non-employee commitments. That leaves 1,500 positions to be eliminated, SUNY-wide.

Proposed legislation for a TIAA/CREF

Stony Brook Community Responds to Persian Gulf War

A series of forums, prayer vigils, teach-ins and other special events are being held on the campus to provide a continuing forum for discussion about the war in the Persian Gulf.

In a statement to the university community calling on the campus to demonstrate "our ideal for tolerance and rational discourse," President John H. Marburger noted that the campus "shares with the entire nation a deep concern for those whose lives and futures are threatened by the Persian Gulf War." Universities, by their nature, he said, provide a forum for the expression of unpopular views and the means to analyze new ideas. "No other kind of institution can accommodate the mind-bending antinomies of war."

Please see page 20 for the complete text of President Marburger's statement.

The campus has been the scene of several rallies and teach-ins reflecting a di-

versity of views, including a "Support the Troops" rally on the Fine Arts Center Plaza and an anti-war teach-in sponsored by the Coalition for Peace in the Middle East. About 1,000 residence hall students autographed and sent messages to the troops on a series of colorful bed sheet "greeting cards." Students have tied yellow ribbons on hundreds of trees and lamp posts on the Stony Brook campus. The university's student government, Polity, has passed a resolution supporting the American troops in the Persian Gulf and the decisions that led to their deployment.

The governor's budget recommendations are subject to modification by the New York State Legislature and the SUNY board of trustees. SUNY is expected to spell out its final allocation to campuses on or about April 26.

In addition, support groups and counseling are being offered to students, faculty and staff who have friends or relatives in the Persian Gulf area. Special efforts have also been made to assist students from the Middle East in dealing with problems arising from the crisis.

"Overall, the conduct of the campus has

continued on page 20

Community Partnership Day

Plays, tours, sports clinics, a "Science Bowl" and a paper airplane contest are among the special events scheduled for the third annual Community Partnership Day on Sat., March 16, when the campus opens its doors to the community.

The event coincides with the Science Olympiad, hosted by the Center for Science, Mathematics and Technology Education, and "Latin Day," sponsored by the Suffolk Partnership Program.

From 10:00 a.m. to 1:30 p.m., the main arena of the Indoor Sports Complex will host a Mindpower Festival, with booths, hands-on displays and demonstrations representing over 75 university departments.

Performance Workshops by graduate and undergraduate theatre students — assisted by children from the audience — will bring to life some of Aesop's fables at 11:00 a.m. and again at 1:00 p.m. in the Dance Studio of the Indoor Sports Complex.

The Great Stony Brook Paper Airplane Contest will begin at noon in the Southeast Corner of the main arena. The "Science Bowl" is set for 2:45 p.m. to 4:00 p.m. in the northwest corner of the main arena.

For a schedule of highlights, see page 14.

Women's History Month

Stony Brook will join the nationwide celebration of Women's History Month in March with lectures, films, concerts, exhibits, athletics and more. Focusing on the theme, "Nurturing Tradition, Fostering Change," this year marks the university's second annual celebration.

Events include a Women's Resource Fair on Wed., March 6, 12:00-2:00 p.m. in the Stony Brook Union; a concert of pieces by women composers on Thurs., March 14, at 4:00 p.m. in the Recital Hall of the Staller Center for the Arts; and a Distinguished Lecture by anthropologist Helen Fisher on Tues., March 19, at 8:00 p.m. in the Recital Hall.

For a full calendar of Women's History Month, see page 19.

Radiothon 1991

WUSB 90.1 FM will present Radiothon 1991 — 10 days of special programming from March 21 through March 30, to raise funds to upgrade the station's signal.

Highlights of the Radiothon include extended jazz, country, polka and reggae programs, a series on the late Abbie Hoffman, a rare Grateful Dead show, a Bob Dylan special, and a marathon, 12-episode airing of *The Hitchhiker's Guide to the Galaxy*.

WUSB has applied for a new tower site for its transmitter. Pending FCC approval, the site, located in Farmingville, would more than double the current transmitter height and greatly improve reception throughout Long Island and Connecticut.

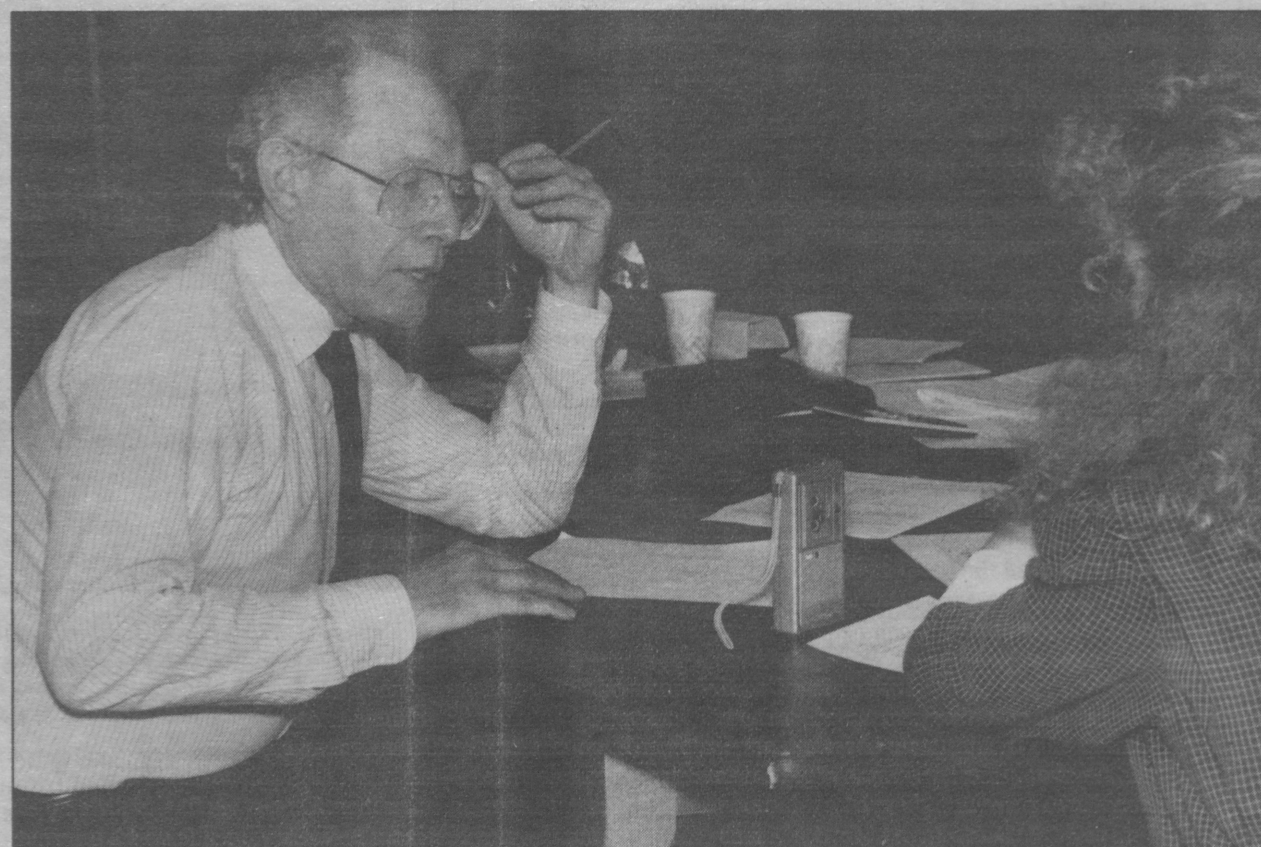
Broadcasting 24 hours a day, 365 days a year, WUSB is Long Island's largest noncommercial radio station.

To help with the Radiothon, call 632-6498. Send tax deductible donations to WUSB/SBF at Stony Brook, NY 11790.

Creating a Home for Long Island's

Irwin Lamm has been administrator of the Long Island State Veterans Home since September 1989. He is responsible for the planning and the opening of the 350-bed home. Prior to that, he served as the New York State Department of Health commissioner's designee as receiver and chief executive and operating officer of Kings Harbor Care Center in the Bronx.

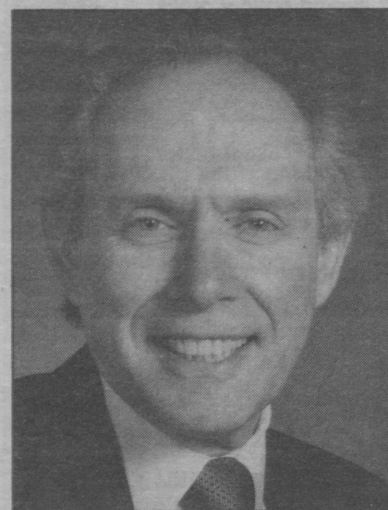
At the same time, he also served as commissioner's designee as receiver for Haym Salomon Home for the Aged in Brooklyn. Of his 22 years in the health care field, most of it in nursing home administration, Lamm says the Long Island State Veterans Home project has been the "most exciting and challenging assignment."



Irwin Lamm discusses the future of the Veterans Home with *Currents* writer Wendy Greenfield Alpine.

CURRENTS: What makes a nursing facility a "home" to its residents?

LAMM: The word "home" generally connotes family, being surrounded by loved ones, people who care. The veterans home will be a "home" to the extent that staff, residents, their families and community people work together, are united in purpose, and feel true compassion for each other. What I really hope will evolve here is a dedicated



Irwin Lamm

staff of people, dedicated volunteers, residents who are involved in their care plans, active family members and active participation by veterans organizations and the university staff.

In a good nursing home, most staff people know just about all of the residents on a first-name basis. There is a close interaction between staff and family members. There is a great deal of empathy involved. The people on our staff, I am proud to say, are people who have the experience, fortitude and background to make this facility a very special place.

CURRENTS: What goals have you set for the home?

LAMM: Our major goal is to provide the best possible care for the veterans in the home. This includes attending to their medical, nursing, rehabilitative, social, emotional and personal needs. Another goal is to establish the home as a training site for health care professionals. We hope that the experience for students will be sufficiently exciting and interesting to attract them to careers in long-term care.

CURRENTS: How do you see your role as administrator?

LAMM: I see myself as an innovative leader and facilitator who creates an environment that enables the home to fulfill its mission in the community. It is my job to help the staff be as creative, sensitive and thorough as possible in providing the necessary services for the residents in the home. I hope to be energetic and vigilant in ensuring that

we're meeting the individual needs of the residents.

CURRENTS: A new federal law recently went into effect mandating that nursing homes recognize the "quality of life" of patients. Under the regulation, patients and their families will have a more active role in setting the standards of care and activities. How will the Long Island State Veterans Home respond to the new regulation?

A center to train health care professionals

The Long Island State Veterans Home hopes to become an important training center for health care professionals.

The special dynamics of the home, its involvement with the professional schools and the educational resources on campus, are expected to shape new attitudes and attract more professionals to long-term care. Care of the elderly is probably the principle challenge facing health care professionals today, Stony Brook health experts say.

As Edmund McTernan, dean of the School of Allied Health Professions, sees it, "We keep talking about training professionals in long-term care settings, yet don't do it. When students leave their programs, they look for jobs in those settings that are familiar, namely, acute care facilities."

McTernan adds, "It is essential that we train students in long-term care. And as part of that process, we need to put them in long-term care settings that provide professional and emotional satisfaction."

Thomas Cottrell, executive associate dean of the School of Medicine, explains, "It is our hope to provide education in a setting that is reasonably bright and happy; one that inspires students to

look forward to embarking upon careers in the care of the elderly."

Having the veterans home on the Stony Brook campus will be a great advantage for social welfare students, says School of Social Welfare Acting Dean Frances Brisbane. "They will get to see how all the pieces fit together—hospital, nursing home and community agencies; and how all the departments and professional schools interrelate," she says.

The long-term care educational programs planned for the Long Island State Veterans Home will include all levels of education, from undergraduate professional students to licensed professionals in post-graduate specialty training.

The School of Medicine will offer electives in geriatric medicine to medical students and post-graduate residents in internal medicine and family practice. It will also offer an internal medicine geriatric fellowship program, joining the ranks of only a few such programs in the country. These licensed, trained general internists will amplify the staff of the home and enhance the services provided the residents.

The School of Dental Medicine will have a

Aging Veterans

LAMM: Good facilities and good administrative teams have always ensured that these considerations are dealt with through resident and family councils. However, under the new law, residents will be more involved in the decisions regarding their care. At the Long Island State Veterans Home, the staff will make it a priority to be aware of the needs of the residents. Of course, the residents have the right to determine what is happening with their lives and what kinds of services they want offered. Being attached to the university and having all the academic disciplines involved, we will be able to better perceive and fulfill the individual needs of the residents.

CURRENTS: How will the residents participate in the decision-making process at the home?

LAMM: Residents will actively participate in their own care plan and be part of the interdisciplinary team making decisions about their treatment. In addition, a Residents Council and a Family Council will be established as important vehicles for residents to express complaints and grievances and make recommendations regarding policies and procedures. Residents will also be represented on the quality assurance and other in-house committees.

CURRENTS: Since this home was started by veterans, they have a great interest in the direction the home will take. What kind of involvement do you plan to have with local or national veterans groups?

LAMM: We want to know more about the veteran population. We want veterans to participate actively in the home as volunteers and as members of certain special committees. We also need the veterans to provide emotional support to the residents and share insights with professional staff. We regard the veterans community as a very important component to the development of the home, and expect they will participate through a veterans advisory committee to the nursing home.

CURRENTS: What is your position on the right to die? Should heroic measures be used to prolong life for the chronically ill elderly?

LAMM: This is a question of ethics which we as a nation are in the throes of examining, both for the beginnings and the ends of life. I think this issue is of particular concern in hospitals where the technology exists to prolong life indefinitely. When we consider the growing number of elderly, the biomedical advancements that have increased the life span and the limited economic resources, it is very likely that the manner and limits of care for the elderly will increasingly become the focus of public policy.

I think that the right to die is a very individual matter, and we must respect the rights of the individual. And of course, as health care providers, we will abide by the law and the guidelines set forth by the regulatory agencies on this issue.

CURRENTS: How do you feel about old age?

LAMM: Old age is the final stage of the life cycle, and it can be as full and meaningful for individuals as earlier stages. I think we must take time to look at our attitudes toward the elderly and avoid accepting stereotypical images that convey the idea that the elderly are non-productive. The essence of a long-term care facility is to take a person who is having physiological or emotional difficulties, assist them in their needs and enable them to continue to be productive members of society. If our staff members walk down the nursing home's halls and hear residents arguing about politics or sports, we are successful. If we have a very sterile atmosphere, we are unsuccessful.

What the Veterans Home Means to the Health Sciences Center

By J. Howard Oaks

Stony Brook welcomed the possibility of the Long Island State Veterans Home from the time that Assemblyman Paul Harenberg first proposed it in 1979.

State Health Department Commissioner David Axelrod stipulated that the proposed home be affiliated with the Health Sciences Center (HSC) at Stony Brook. In 1982, the Health Department issued a report substantiating the need for the facility. It stated, "The state veterans nursing home patients should not duplicate the general nursing home patient profile. Its patients should be generally sicker with a high proportion of problem diagnoses... [it] should have a close affiliation with the SUNY Medical School at Stony Brook."

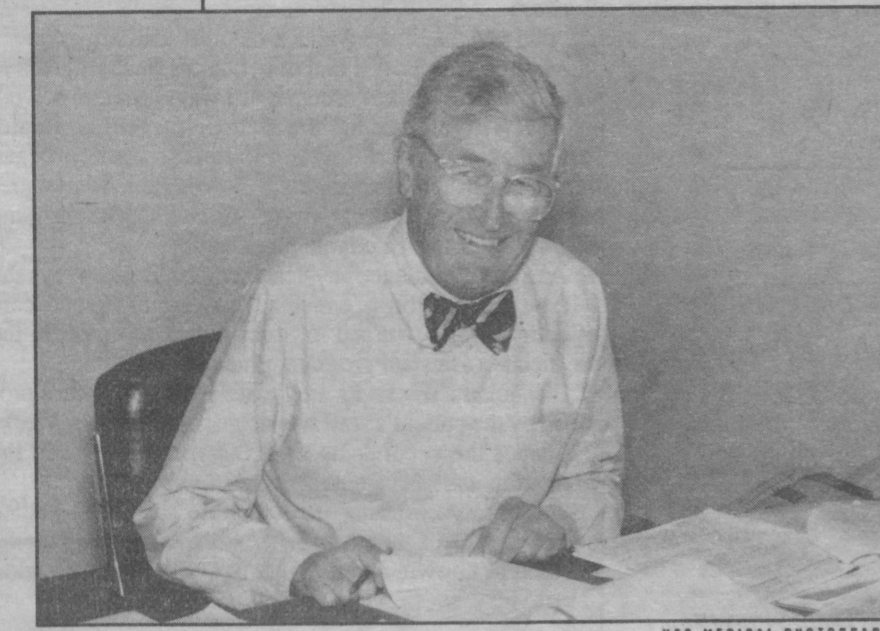
The university was pleased when the home was created in 1985 and Governor Cuomo chose to locate it at Stony Brook. That decision was linked to SUNY's agreement to operate and staff the home. The Health Sciences Center's five schools and hospital played a central role in planning the home to make it better for its residents and an asset to all health sciences programs. While the primary mission of the home will be to its residents, its integration into the HSC has always been an important objective.

A key link between the home and the HSC will be achieved through the home's professional staff. All of the home's physicians and dentists, and many of its nurses and therapists will be full-time university faculty, creating the same relationship that University Hospital has with the HSC's schools. In medicine, that relation will be particularly significant since medical services provided to the residents will be provided by the Medical School's faculty and the medical director will come from the school's new Division of Geriatrics. Ann Duncan, director of nursing for the home, is also a clinical associate professor with the School of Nursing. Other similar relationships between the home and the HSC's schools are being established. The need to provide health and hospital services to the residents of the home will lead to further growth of the Health Sciences Center. As residents require hospital services, most will be provided by University Hospital, which will accrue additional benefits to the HSC.

The home will enhance the curricular and research programs of the university.

Students will be offered an array of educational opportunities. The care of patients will help university faculty learn more about all aspects of aging. While engaged in research activities, faculty will have the opportunity to bring more grants to the campus.

J. Howard Oaks is vice president for the Health Sciences Center.



J. Howard Oaks

similar though smaller geriatric program. Edward R. Schlissel, associate dean for clinical affairs in the School of Dental Medicine, says, "Geriatric dentistry is an area in which dental education must expand, and we are committed to doing it." Dental students will have a mandatory rotation on the special needs of the elderly, and general dentistry residents will take geriatric dentistry electives. Dental residents in specialties such as oral surgery and periodontics will be on call for consultation.

The School of Nursing plans to offer undergraduate and graduate programs in gerontology and geriatrics, and will arrange for a summer nurse internship program at the home. Students in the graduate degree program in gerontology and adult health nursing will provide services and gain clinical expertise. Nursing staff at the home will hold faculty appointments in the school.

Lenora McClean, dean of the School of Nursing, describes the focus of the program. "We have a strong commitment to expand the knowledge base and develop a research mission complementary to the nursing home's mission to provide the best care possible for the residents."

—Deborah Schreffels

Caring for the Elderly with Sensitivity

People are living longer.

Those 75 and over represent the fastest growing segment of the population, nationwide, according to Stony Brook School of Nursing's Gerontology Project. In 1980, 39 percent of the elderly population was 75 and older. By the year 2000, half of the elderly population is projected to be 75 and over.

New York State has a concentration of senior citizens greater than the national average. Those over 65 already represent 18 percent of the state's population, compared to 12 percent, nationwide. By the year 2030, one of every five persons in the United States will be over 65.

Among today's senior citizens, 86 percent have chronic health problems.

Stony Brook is facing the future, training the younger generation to care for the older.

Robin Buskey

Robin Buskey listens attentively, occasionally touching 90-year-old Rose Goldstein's hand, as Mrs. Goldstein talks about her two children, her arthritis and the medications she takes. She shows pictures of her grandchildren and asks for a sheepskin fleece to put under her feet at night to relieve her discomfort.

For Buskey, the 31-year-old chief physician's assistant at Gurwin Jewish Geriatric Center in Commack, it's all part of the job.

"I have patients who tell me about every problem — their broken dentures, their glasses that don't fit. Others don't say very much," says Buskey. She responds with equal sensitivity to the stated needs and the unspoken ones. One patient, left speechless from a stroke, looked irritable and unhappy. Buskey observed his facial expressions and deciphered that he was restless. She arranged for nurses to help him out of bed and take him for a walk twice a day. Since then he has been far more cheerful.

"Elderly people have chronic, complicated problems," she says. "I enjoy helping them." She finds, "Some of the people are very sick and they want to know the truth, but at the same time, they don't want to know. I get a certain satisfaction in helping them in their perception of their problems," she says.

Part counselor, part clinician, Buskey spends her day "making rounds" on 60 patients, doing check-ups, writing orders for medications and treatments, even finding out how the residents like the food.

Food can be a major ordeal among nursing home residents. It's lunchtime at the home and the meal of the day is hotdogs. Many of the residents love hotdogs and enjoy



Physician's assistant Robin Buskey talks with Rose Goldstein at the Gurwin Jewish Geriatric Center.

eating them as they are served — whole, in the bun, of course. Mildred (not her real name) insists on trying to eat hers that way, but her dentures cause problems.

"Mildred's swallowing her hotdog whole," a nurse tells Buskey.

"Did you ask if she wants it cut up?" Buskey asks.

Mildred won't eat it like that, but she finally agrees to have it pureed. Buskey orders it that way. Problem solved.

A 1981 graduate of the School of Allied Health Profession's physical therapy program, Buskey began working with geriatric patients at the Veterans Administration Medical Center in the Bronx. She later worked at home care agencies and in private practice.

As a private practice physical therapist, Buskey says she felt she needed more of a medical background to take care of patients. She returned to Stony Brook to enroll in the physician's assistant program, graduating in 1985.

Physician's assistants are "extenders" of the care provided by the patient's staff physician, Buskey says. Working under the supervision of doctors, they assist in the evaluation and management of patients.

Buskey was working at Montefiore Hospital's skilled nursing facility in the Bronx when she was recruited for the position at Gurwin about a year ago. Though she had to

commute from her Mt. Vernon home, Buskey felt she couldn't resist the challenge.

As chief physician's assistant, Buskey oversees three physician's assistants, who also are Stony Brook graduates. Part of her job includes supervising students who rotate through Gurwin for hands-on experience. She also lectures at Stony Brook, Harlem Hospital and Downstate Medical Center on geriatric care.

Buskey enjoys her profession because it is versatile. "You can practice in a variety of settings," she says, and she has worked in the obstetrics and emergency medicine departments of several New York City hospitals.

School of Allied Health Professions Dean Edmund McTernan says of Buskey, "She's a prototype of the kinds of people the allied health programs attract and the contributions they make to society. Given the fact that she has a background in physical therapy and as a physician's assistant, she must be worth her weight in gold."

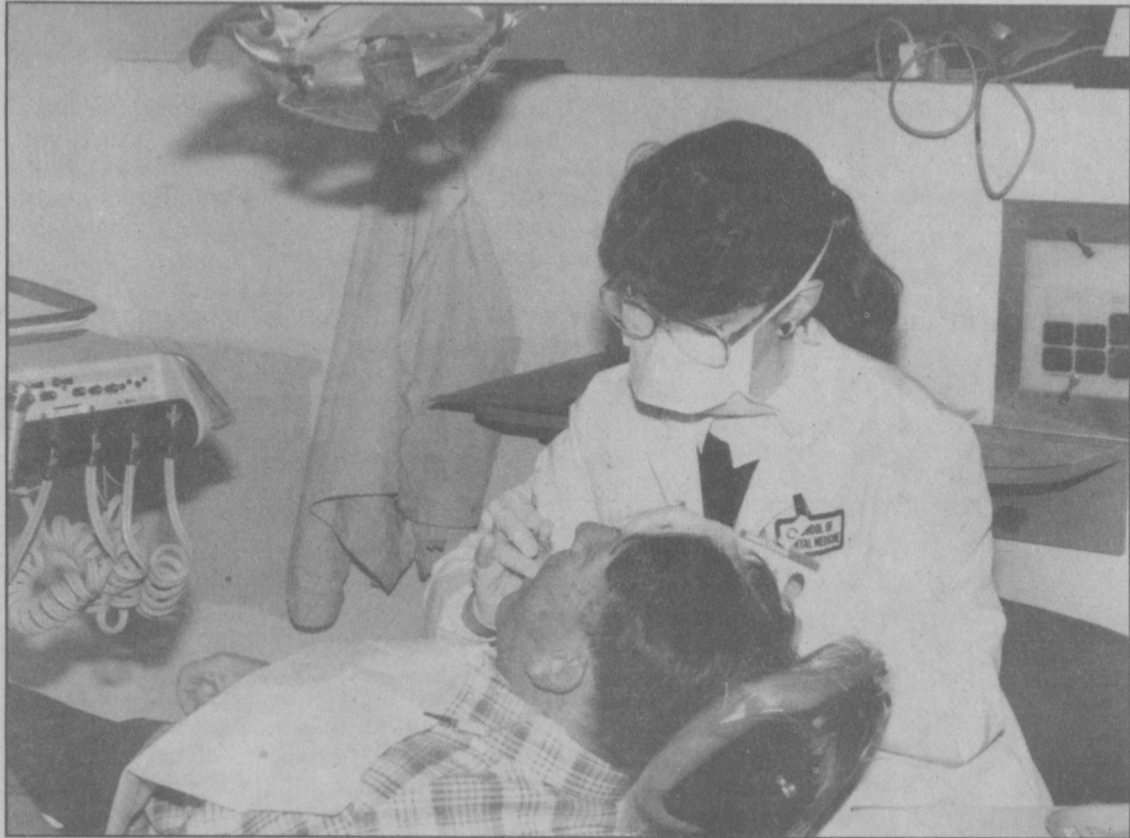
Buskey reflects the deep affection she feels for the patients under her care. "I sort of have adopted all of them. I've learned their mannerisms, their reactions to different situations. I feel a nurturing tie to them, like a mother who looks after her children. I try to give each one what they need."

*"I feel a nurturing tie to them,
like a mother who looks after her children.*

I try to give each one what they need."

— Robin Buskey

and Skill



Dr. Mary Truhlar operates on a patient in the School of Dental Medicine's Geriatric Dentistry Clinic.

Mary Truhlar

"She has all the attributes that are essential in caring for the elderly — deep empathy and sympathy for their health, social and economic problems."

— Dr. Saul Kamen

When she's not working behind her desk as director of Stony Brook's geriatric dentistry program, Mary Truhlar can be found doing what she loves to do—taking care of patients.

The senior citizens who come to her require more than routine care. Many have Alzheimer's disease, Parkinson's, stroke or other chronic disorders and must be carefully monitored because they are on several medications. Others require special attention because of physical disabilities.

Some of these seniors are turned away by private practitioners because of the specialized care they need and the extra time required to serve them properly, but Dr. Truhlar finds working with the elderly "enjoyable" and "rewarding. They express gratitude for the time we take," she says.

Dr. Truhlar first became interested in geriatric dentistry while she was a student at Stony Brook's School of Dental Medicine from 1980 to 1984.

She was inspired by Saul Kamen, Stony Brook professor of clinical dental health and chief emeritus of the dental service at Long Island Jewish (L.I.J.) Medical Center's Parker Jewish Geriatric Institute. Dr. Truhlar did an internship with Dr. Kamen and later completed a general practice residency, with a specialization in geriatrics, at L.I.J.

"He's a nationally known lecturer on geriatric dentistry and special patient care," Dr. Truhlar points out, "and a very strong advocate for the elderly and their health care needs."

Following her residency, Dr. Truhlar completed a fellowship in geriatric dentistry at the Veterans Administration Medical Center in Milwaukee. During that period, she received a master of science degree in dentistry from Marquette University, also in Milwaukee. Before she and her periodontist husband, Richard Truhlar, were recruited to Stony Brook in July, she was assistant professor of prosthodontics at the University of Pittsburgh and coordinator of geriatric dentistry at the Veterans Administration Medical Center in Pittsburgh.

Upon coming to Stony Brook, she was surprised at the growing population of senior citizens in the area. "Suffolk County has a real need for this kind of service," Dr. Truhlar says, noting that about 120,000 Suffolk County residents are over age 65.

For now, patients are seen Fridays, from 8 a.m. to noon. But eventually, Dr. Truhlar hopes to expand the service. A community outreach program has been initiated in which faculty members and students visit senior groups and professional organizations to discuss the importance of dental health. Looking to the future, Dr. Truhlar says she would like to hire a social worker to handle transportation needs and referrals for support groups.

Dental School Dean Dr. Philius Garant says of Dr. Truhlar: "We're very delighted she's back. I think she will be a tremendous role model since 40 percent of our students are female."

Dr. Kamen of Long Island Jewish Medical Center adds that he expects "big things" from her.

"I think she'll be a leader in the field of geriatric dental care. She has all the attributes that are essential in caring for the elderly — deep empathy and sympathy for their health, social and economic problems."

Nursing Long Island's Aging Population

By Lenora J. McClean

As the population on Long Island grows older, it is good news that the School of Nursing at Stony Brook has a very active gerontology program under the direction of Celeste Dye. It is also encouraging that among nurses there is increased interest in specializing in the field. With the opening of the Long Island Veterans' Home in 1991 there will be close collaboration between the school and the clinical facility in all aspects of nursing care, and gerontological education and research.

Chief among the aims nurses have in working with the elderly is to help people remain independent in their own place of

residence as long as it is safe and possible. This involves providing care when people can no longer care for themselves, or perhaps, making changes in a person's environment that will enable the individual to regain the capacity for certain self-care practices. It is often the nurse as case manager who will help elderly people reorganize their daily activities in order to



Lenora J. McClean

Chief among the aims nurses have in working with the elderly is to help people remain independent in their own place of residence as long as it is safe and possible.

conserve energy and attain a balance between rest and activity that will enable them to get the maximum quality of life for their circumstances.

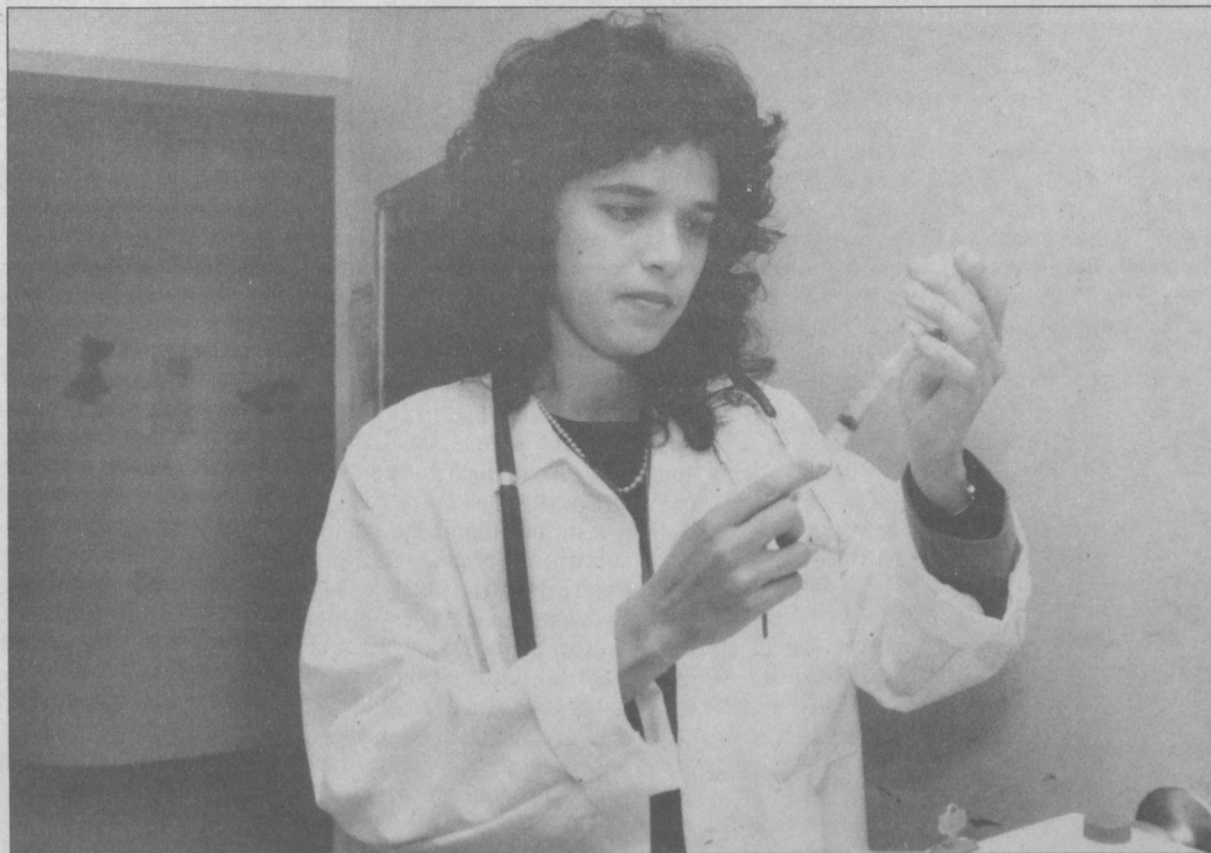
Another vital service nurses provide to the elderly is assistance in monitoring the use of medications. It is not unusual that one individual will be treated by several specialist physicians, each prescribing medicines for a specific disease or chronic condition. The potential then exists for a person to be taking drugs that interact in ways that have a detrimental effect. Being aware of the effects drugs should have when taken properly, nurses teach people about safe combinations and refer patients back to physicians when there is the possibility of a negative effect.

Nursing students at Stony Brook have clinical experience with the well elderly, such as at the Smithtown Senior Center, and with elderly who are in University Hospital. In this way they learn not only about the difficulties of growing old but also about the vitality and joy of aging in good health.

Lenora J. McClean is dean of Stony Brook's School of Nursing.

Meeting the Needs of the Poor

Young physician plans to provide health care in a community that lacks medical facilities



Shaila Sherwin plans to be a family practitioner for people who traditionally receive insufficient health care.

Shaila Sherwin is not impressed by high-tech medicine. She wants to learn the basics. For this medical student, medicine is a way to help people in need.

As part of her undergraduate education at Friends World College in Lloyd Harbor, Sherwin spent eight months in a United Nations refugee camp in El Salvador, directing an educational and recreation program for more than 5,000 children. She recalls that conditions were unsanitary

and overcrowded. Epidemics of typhoid, parasitic infections and malaria were a constant threat. Sherwin herself came down with tropical illnesses.

Her experience left her with a desire to do more. Upon returning to the United States, she began pre-medicine courses. Learning that 70,000 Central American refugees were living on Long Island, Sherwin helped establish a health and education clinic in Hempstead with three

Salvadorean women.

The three trained health educators to work in the community and arranged for free consultations and medicine.

Sherwin served as director, fund-raiser and translator. It was there that she met her husband, Efrain, an El Salvadorean farmer, who helped refugees obtain legal and social services.

After her first year of medical school at Stony Brook, Sherwin returned to El Salvador and spent a month working with a Brazilian doctor caring for people who had survived a major earthquake. She saw 30 to 50 patients a day, providing what she calls "Band-aid medicine." During her fourth year, she spent time in an El Salvadorean refugee camp in guerilla-held territory, working with French doctors from the international organization, "Doctors Without Borders."

"I saw all kinds of dermatological problems, mumps, parasitic infections, self-induced abortions," Sherwin recalls. "Babies were born on wooden slabs by lantern light."

There was no modern equipment and in most communities, there were no doctors at all, she recalls. People went to folk healers who treated the villagers' ills with herbs, massages and rituals. Sherwin recalls a baby who was dying of dehydration. To treat the infant, the healer hung the baby upside down and rubbed raw egg on its feet. That death could easily have been prevented, she says.

Now at the end of her fourth year, Sherwin plans to begin a residency in family medicine.

"In the kind of population I want to serve, I see myself as the only physician in the community," Sherwin says.

The mother of a 4-year-old son, Jasmin, Sherwin says she would like to return to El Salvador to practice medicine for a while, but wants to make the United States her permanent home.

"I love El Salvador, but there are also underserved areas in the United States that need medical care," Sherwin says. "My experience in El Salvador has given me an appreciation for what is available here and the incredible things we're able to do."

Medical Student/Inventor Explores the Workings of the Human Heart

Move over Robert Jarvik. Make way for Wayne Lipson.

At 27, Lipson has invented a machine that can peer inside the body's vascular system. Now, this entrepreneur-turned-medical student is working with Stony Brook cardiovascular surgeons to see if the machinery can be used to diagnose and treat heart disease.

Lipson is not your average medical student. He graduated from Worcester Polytechnic Institute with a bachelor's degree in mechanical engineering and a master's in biomedical engineering in 1986. He then worked for Olympus Corporation in Lake Success, where he was asked to establish its endoscopy division for vascular and cardiovascular disease. It was there that he developed a pump that flushes blood from the vessels, allowing physicians to view a diseased artery or vein.

Unsatisfied with the direction the company was taking, Lipson joined with two partners and together raised \$1.2 million to start their own company, Vascucare. As vice president of research and development, Lipson invented a system that uses fiber optics to produce images on a video screen. The \$30,000 VAS-1000 Angioscope System, which resembles a stereo console, contains a video camera and an irrigation pump similar to the one Lipson developed at Olympus.

But working behind the scenes wasn't challenging enough for Lipson. He wanted to "get his hands dirty" in the operating room.

"What I was doing in engineering was indirect," Lipson recalls. "I had a keen interest in physiological mechanisms and felt by going to medical school I could do more

to help people."

Enter Stony Brook. Lipson said he chose the School of Medicine because of its Distinction in Research program, which allows him to study medicine while pursuing his interest in engineering.

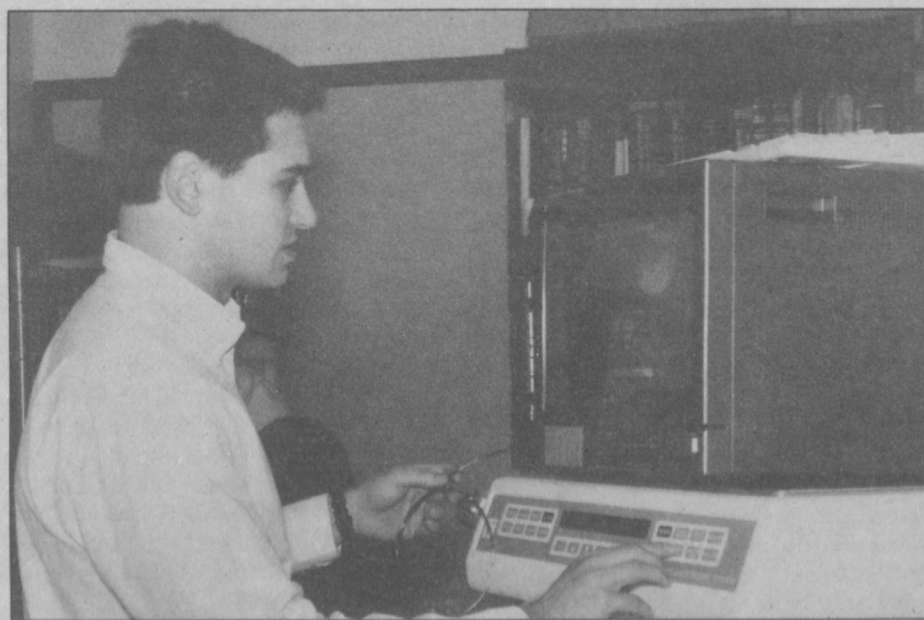
Last summer he assisted physicians Alan Hartman and Frank Seifert in cardiac surgery and worked to improve his angioscope.

"Wayne is a very hard worker and has great potential," Dr. Hartman says. "Right now, we're using his angioscope experimentally to inspect arteries that have been repaired during bypass surgery."

As for Lipson, he's enjoying medical school. "It was like a calling," he says. "There is a feeling of satisfaction knowing you're helping someone."

He calls medicine "a lifetime challenge" and looks forward to the future. When the talk turns to artificial hearts, his eyes light up.

"Of course, that would be the ultimate — to be able to



Stony Brook medical student Wayne Lipson demonstrates the VAS-1000 Angioscope System he developed to view diseased blood vessels.

replace a human heart with an artificial device. There are so many problems, though, because the human heart is so complex. I think in the future we'll have better materials and we'll be able to address these things," Lipson says.

Create a new and better artificial heart? Lipson smiles and says, "That would be exciting."

Research Holds Hope of Nerve Regeneration

When a flutist injured her hand in a New York City subway a few years ago, doctors were able to reattach her limb and repair her severed nerves. But while microsurgery afforded her some use of her hand, she lost the fine motor skills needed to play the flute.

Now researchers at Stony Brook's School of Medicine are studying whether leupeptin, a drug that blocks the breakdown of muscle and nerve tissue, can be used to help repair nerve injuries. Researchers believe the drug may also restore sensation.

Currently, no drugs on the market aid nerve repair.

Lawrence Hurst and Marie Badalamente, both of Stony Brook's Department of Orthopaedics, have been studying leupeptin, in hopes of using it as adjunctive therapy to microsurgery. They have tested it in animal studies and are gearing up to use it on humans.

"When you cut the nerve, then repair it, the drug seems to facilitate nerve regeneration by 20 to 30 percent," Dr. Hurst says. The drug delays the breakdown of muscle and nerve tissue which normally occurs following nerve injury.

According to Dr. Badalamente, a nerve is like a telephone cable containing small wires; it consists of individual nerve cells called axons. When a nerve is cut, enzymes acting like a meat tenderizer begin to degrade muscles and nerves.

Once the nerve is repaired with microsurgery, individual axons travel across the repair site in an effort to reach the muscle or nerve ending to reform the connection needed for a person to feel or sense things. Because the pathway is sometimes obstructed by scar tissue, the axons

have trouble finding their home.

By inhibiting enzymes that degrade muscle and nerves, leupeptin partially prevents the highway, or distal pathway, from eroding. Thus, when axons regrow and find their way down to the muscle, the muscle may not have degenerated.

Another problem following surgery is that nerves regrow at about one inch a month — a relatively slow rate. If a patient has a nerve injury in the shoulder, for instance, it may take a year or longer for the nerve to reach the muscle or nerve ending in the hand. The new drug helps keep muscle and nerve endings intact during the slow regeneration.

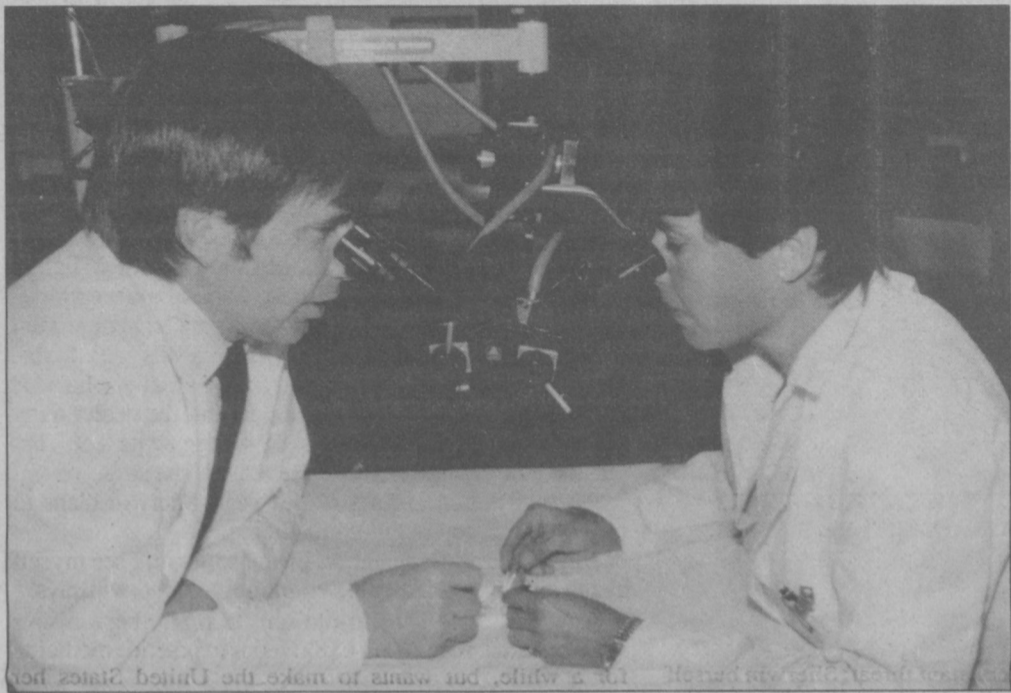
Leupeptin, composed of three amino acids, was first discovered in bacteria by Japanese scientists. The Japanese provided samples to Alfred Stracher, an internationally recognized biochemist and muscle cell biologist at State University Health Science Center at Brooklyn.

Stracher found the compound inhibited enzymes in animals and began investigating its use for muscular dystrophy. He has actively collaborated with Drs. Hurst and Badalamente in developing leupeptin for nerve repair.

The Stony Brook research has been funded by the National Easter Seals Research Foundation and the National Institutes of Health.

The team has submitted another NIH grant to work out the proper dosage and toxicology of the drug in humans, since leupeptin is also a mild blood thinner.

Drs. Hurst and Badalamente see great promise for the drug. Says Dr. Badalamente, "Our hope is that after nerve microsurgery, we'll be able to send patients home with leupeptin pills they can take once or twice a day for several months to aid in their recovery."



Lawrence Hurst and Marie Badalamente look through a double microscope to simulate microsurgical nerve repair.

Prenatal Acoustic Test May Harm Fetuses At Risk

Fetal acoustic stimulation — widely used by obstetricians to determine whether a fetus is sleeping or in fetal distress — may be harmful to a sick baby's health, a physician at Stony Brook says.

In a pilot study of 60 healthy fetuses, Boris Petrikovsky, assistant professor of obstetrics-gynecology, found that all of the fetuses swallowed three times the normal amount of amniotic fluid when "startled" by the stimulator. The device sounds like a buzzer.

"It scares the fetus," Dr. Petrikovsky says. "The fetus is in a very quiet environment, like in a fish tank. Then all of a sudden it hears a noise like an explosion."

Dr. Petrikovsky says the device has not proven harmful to healthy babies, but it may harm a sick fetus that already has a decreased supply of amniotic fluid. A reduction in amniotic fluid can result in suppression of the umbilical cord and decreased circulation to the fetus. In addition, a sick fetus may have meconium, or fetal waste, in its amniotic fluid. If the fetus swallows meconium, the waste

*There are certain babies
you'd like to keep quiet for
a long time to monitor them.
Maybe classical music
will do the trick.*

can travel to the lungs, irritating the bronchial tree and causing severe respiratory distress and infection. In extreme cases, this can even lead to fetal death.

Fetal acoustic stimulation is mainly used on high-risk mothers, those who have diabetes, high blood pressure or other medical problems, during the 33rd or 34th week of pregnancy. It is used to shorten the time it takes to test the condition of the fetus, since doctors can artificially awaken the baby instead of waiting for it to wake on its own.

In performing the procedure, an ultrasound test is first

done to look for the fetal ear. Then the acoustic signal is delivered for five seconds. Doctors wait for a response 10 to 15 minutes following the signal. If needed, the procedure is repeated.

When a fetus is sleeping, its heart rate tracings are flat and its movement is slow. These same signs indicate that a baby is in fetal distress, such as when it is deprived of sufficient oxygen. If the fetus does not awaken when the buzzer is sounded, doctors performing the test suspect that the baby may be sick.

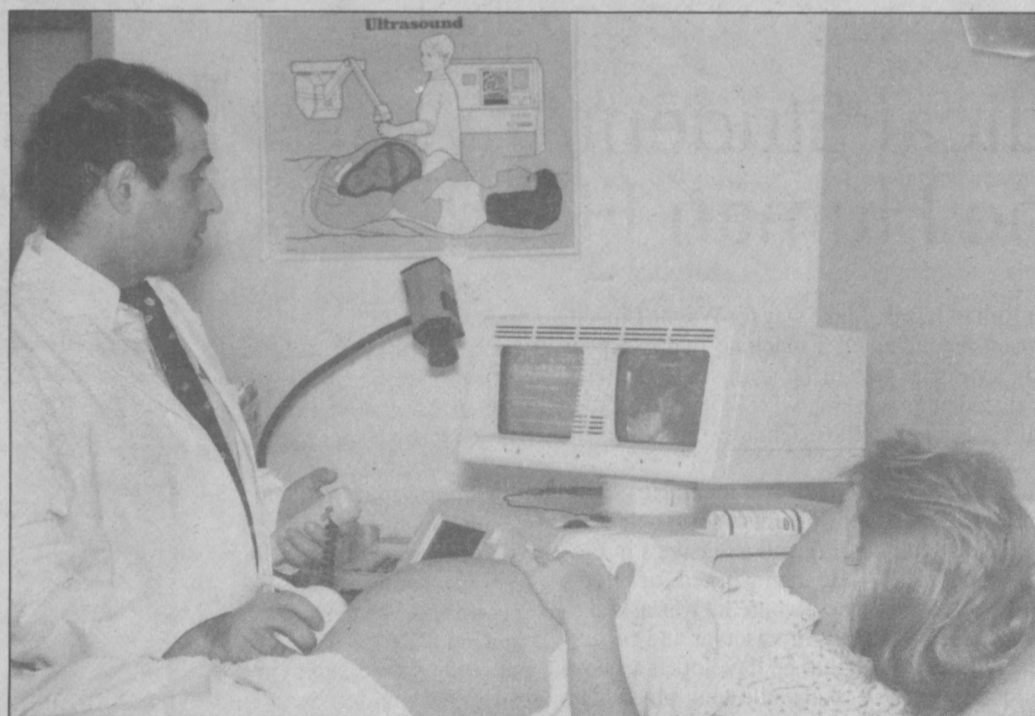
"This study has shown that you cannot say that fetal acoustic stimulation is a safe technique," Dr. Petrikovsky

says. "This adds to our existing knowledge and warrants further study."

Physicians Barry Schifrin, director of maternal-fetal medicine at AMI Tarzana Regional Medical Center, Tarzana, Calif., and Laura Diana, resident at Albany Medical Center, coauthored the study.

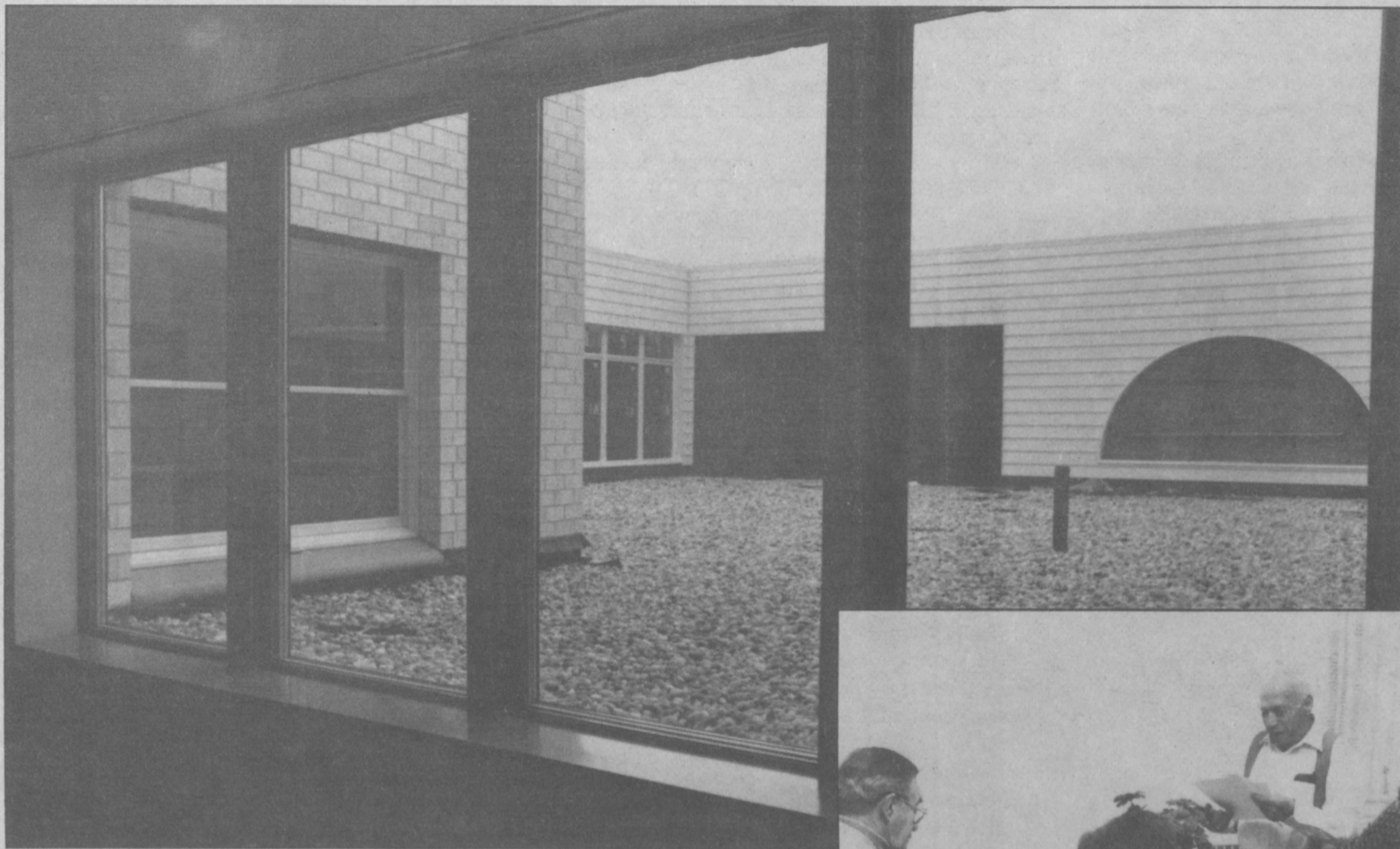
Dr. Petrikovsky is planning another study to investigate the influence of different types of music and industrial noises on fetal development.

"There are certain babies you'd like to keep quiet for a long time to monitor them," Dr. Petrikovsky says. "Maybe classical music will do the trick."



Boris Petrikovsky uses ultrasound to locate the fetal ear before applying acoustic stimulation.

Long Island State Veterans Home Ushers in New Era for Long-Term Health Care



Looking into a courtyard of the nursing home.

continued from page 1

Veterans are not the only people expected to benefit from the home. The facility and its programs should have a profound positive effect on present and future generations of the elderly, a segment of the population that is growing faster than any other. According to the 1987-88 *Aging America* report prepared by the U.S. Senate Special Committee on Aging, "One of the most significant demographic facts affecting America's present and future course is the aging of its population. The number of persons age 65 and older is growing more rapidly than the rest of the population."

In 1985, approximately 12 percent of the U.S. population was over 65; by 2025, this figure is expected to rise to 19.5 percent. By the year 2030, one out of every five persons will be over 65.

Services and programs for the elderly have not kept pace with the burgeoning need. Shortages, especially in personnel, have characterized the long-term health care system. Only five training programs in geriatric medicine are accredited in all of New York State, compared to 63 programs in internal medicine. Similar shortages exist in educational programs in nursing, the allied health professions, physicians assistants and social welfare.

Home to Benefit Veterans and Elderly

The establishment of a veterans nursing home on Long Island is, therefore, a timely project both in terms of the needs of veterans and the long-range needs of the elderly at large, Lamm says.

According to data provided by the Department of Veterans Affairs and the New York State Division of Veterans Affairs, as of March 1989, New York State ranked second among the states with the largest veteran population. Of the nearly 1.8 million veterans in New York, over 29 percent, or about 519,000, are over 65.

In the Nassau-Suffolk County area alone, there are more than 300,000 veterans. About 87,000 of these veterans are over 65 and, therefore, at risk for developing disabling conditions. Many younger veterans from the Vietnam era also are in need of long-term care. The home will be an additional resource for New York State veterans in need of skilled nursing care.

As the state's advocate for veterans, the New York State Division of Veterans' Affairs will play an active role in the operations of the home. Primarily, the division's counselors will assist veterans in applying for admission and will assist them and their families in obtaining any



Deborah Schreifels, right, director of community relations, meets with a Long Island senior citizens group to discuss plans for the veterans home.

"In long-term care, the focus is on building trusting relationships between the residents and the the staff. The nursing home is a community, and we are the partners in the community. [The goal is] to create a world where residents and staff can grow and have a sense of choices about their lives."

— Ann Duncan

other veterans benefits to which they are entitled.

"The Long Island State Veterans Home," according to Tom Lewis, director of the New York State Division of Veterans Affairs, "reflects the state's commitment to its veterans and the state's willingness to assume a crucial role in caring for the men and women who served and sacrificed so much for our nation."

The Stony Brook facility is the state's second veterans home, the first being located upstate in Oxford. A third is now being planned for St. Albans, Queens. Operationally, these facilities are not part of the federal Veterans Administration system. Rather, they function as other nursing homes in the community, subject to the federal and state laws governing long-term care facilities and the standards defined by the New York State Department of Health.

The Nursing Home Environment

The nursing service is the heart of a nursing home. It is the largest department and the one most critically linked to the quality of life for the residents. Ann Duncan, director of nursing for the Long Island State Veterans Home, describes the key difference between the long-term care environment and the acute-care setting. "In acute care," says Duncan, "the nurse is focused on the disease, the cure, and rehabilitation. In long-term care, the focus is not only on these, but is principally based on building trusting relationships between the residents and the interdisciplinary team (the staff). The nursing home is a community, and we are the partners in the community."

As the largest service, the nursing department also shapes the attitudes and philosophy of the home. Duncan's major goal is "to create a world where residents and staff can grow and have a sense of choices about their lives." In this community, self-determination will be emphasized, individuality encouraged and privacy respected. Staff will be committed to creating an environment in which residents and families feel safe, obtain care and comfort, and continue to learn and grow the rest of their lives.

Administrator Lamm concludes, "In a few short months a dream that began twelve years ago will become a reality. The doors of the Long Island State Veterans Home will open and its staff will be ready to provide New York State veterans the highest quality medical and nursing care in a setting that is emotionally nurturing, comfortable and aesthetically pleasing. And, since this is 'home' for the residents, we will also strive to create a stimulating and secure environment, rich with the amenities they enjoyed while living in the community."

Long Island War Veterans Salute New Nursing Home

Soon after the end of the war, the ex-G.I., together with hundreds of thousands of his fellow veterans, headed for the country from the environs of New York City. With a \$100 down payment (returned at closing), the veteran and his family became instant homeowners. A massive population shift sprouted new communities on Long Island. Levittown is a typical example. The country's greatest concentration of veterans settled on Long Island.



*I have suffered the misery of war
others will never know,
I rest now with my comrades
in this place of honor.*

By Jack Flatley

The Long Island State Veterans Home was a project started by veterans, fought for by veterans against bureaucratic dawdling, and, above all, for veterans.

During the long years of World War II, battle-weary servicemen dreamed of the cozy country cottage with the white picket fence. Soon after the end of the war, the ex-G.I., together with hundreds of thousands of his fellow veterans, headed for the country from the environs of New York City with the G.I. Bill in his pocket. With a \$100 down payment (returned at closing), the veteran and his family became instant homeowners. A massive population shift sprouted new communities on Long Island. Levittown is a typical example. The country's greatest concentration of veterans settled on Long Island.

Almost 50 years have passed. These veterans now approach three score years and ten, and are at an age when the onset of infirmity is likely. An unusual aging phenomenon has evolved: World War II veterans are now reaching these critical years at the same time, and in the same place — Long Island. There are 90,000 veterans in Nassau and Suffolk Counties over the age of 65.

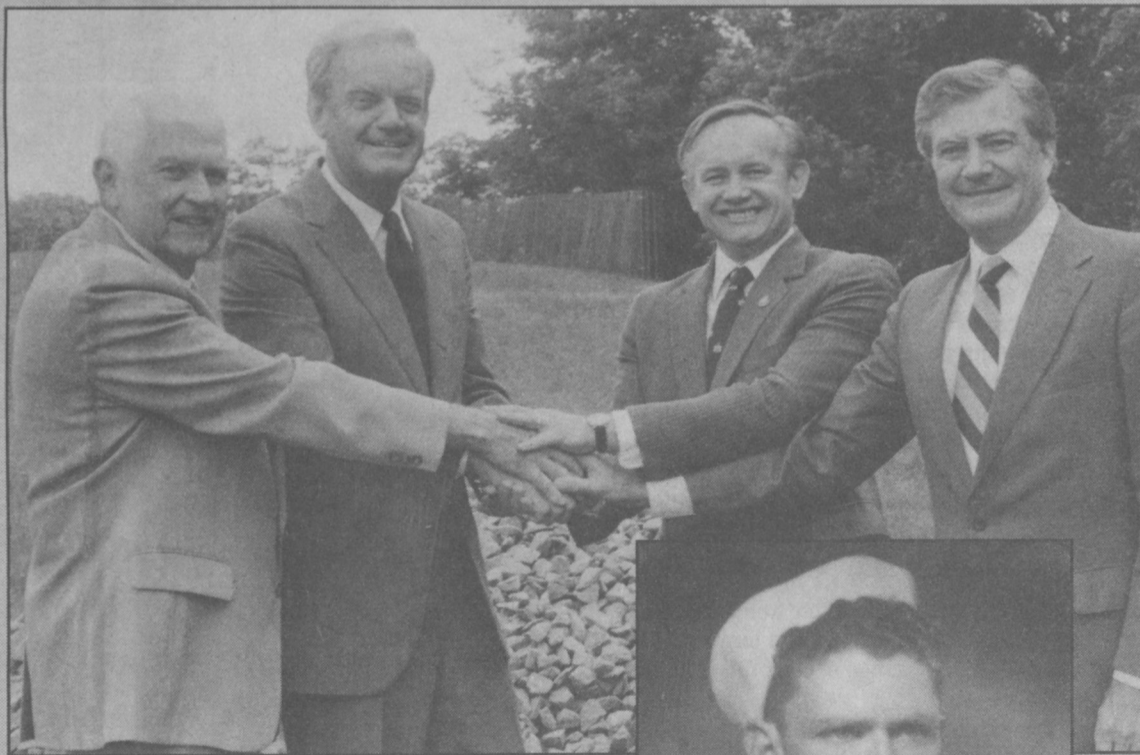
Our nursing home mission was conceived and

launched in 1979, when the enormity of the problem of the aging veteran population was being realized. Many legislative forays were led by Long Island veterans and their comrades throughout the state. We suffered our setbacks and celebrated our successes. We were blessed with caring, dedicated Long Island legislators who won the political and budget battles for us in Albany and in Washington. The entanglements of paperwork, applications, regulations and approvals were unraveled, sorted out and processed by many wonderful, talented people in the State Department of Health and at our Health Sciences Center.

It has been a great experience — turning an idea into a reality. We have our nursing home.

One word describes the reason for the veteran's united effort over the past 12 years: comradeship. The battlefield experience creates a strong emotional bond. We war veterans have never lost the close, caring feeling for our comrades and their families. We will take care of them when they need our help — always.

We are proud of this wonderful, new nursing home and the health care resources of the Health Sciences Center. We have the best staff, and the best facility to care for the best — our war veterans.



Shaking hands on the 1987 agreement to build the Long Island State Veterans Home at Stony Brook are (left to right), Jack Flatley, State Assemblyman Paul Harenberg, Congressman George Hochbrueckner and University President John H. Marburger.

Right: Jack Flatley checks one of the rooms in the veterans home, still under construction.

Top of page: Back in 1942, Jack Flatley was Gunner's Mate, Second Class, serving in the U.S. Navy during World War II. He later rose to Gunner's Mate, First Class.



HSC MEDICAL PHOTOGRAPHY

A U.S. Navy veteran of World War II and a former commander of the Disabled American Veterans in Sayville, Jack Flatley led a veterans group to establish the Long Island State Veterans Home. He also served as chairman of the veterans advisory committee involved with the development of the home.

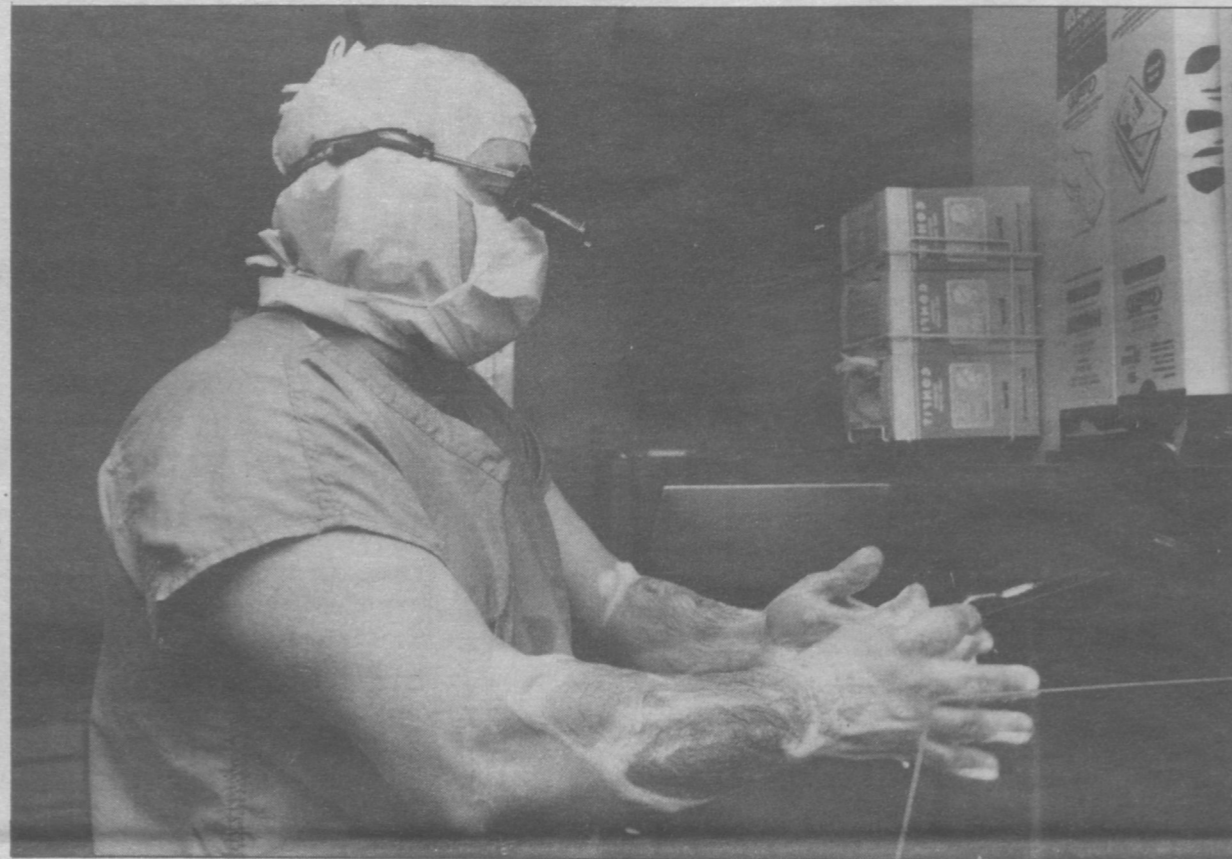
The Days of a Surgeon

Constantine Anagnostopoulos (Dr. A) has been chief of the division of cardiothoracic surgery since 1982, when he came here from the University of Chicago to inaugurate the program. Dr. A, who operates on adults and children, performs most of the pediatric heart operations at Stony Brook. Marylou Stewart of HSC Medical Photography followed him over a three-day period, chronicling his visits to patients, teaching residents and open-heart surgery.

In the Operating Room



Tuesday, 7:30 a.m. : Dr. Constantine Anagnostopoulos (Dr. A), head of the division of cardiothoracic surgery, views the angiogram of a patient before going into surgery. The angiogram is an X-ray of the vessels of the heart which aids the physician in bypass surgery by showing the condition of the ventricles and which vessels are blocked.



Tuesday, 8 a.m. : Wearing special glasses called "surgical loops," Dr. A scrubs in preparation for surgery.



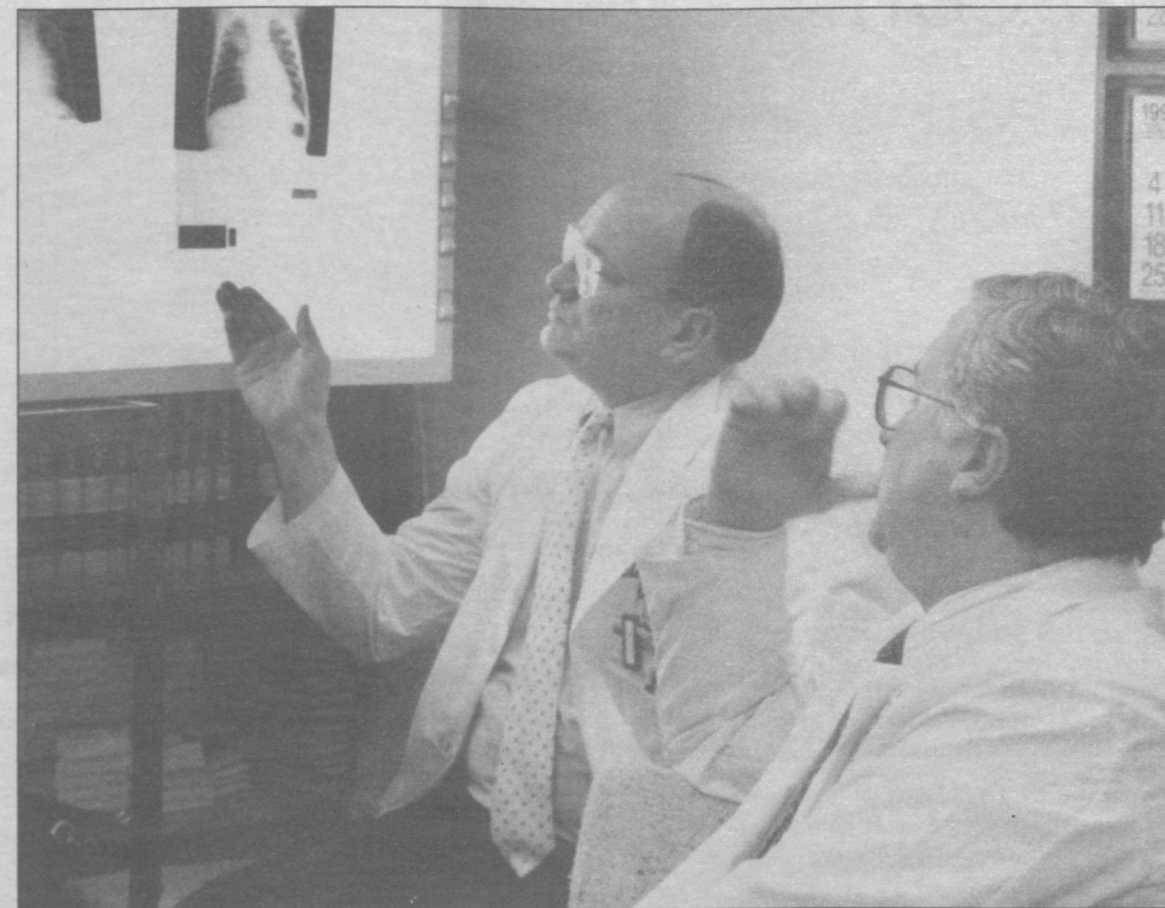
Tuesday, 10 a.m. : Working with Dr. A are physicians Thomas Bilfinger, assistant professor of surgery (left), and David Deutsch, chief surgical resident.

In 1990, 395 open-heart operations were performed, including 330 on adults and 65 on children. This is a 30 percent increase over the previous year.

While Dr. Deutsch suctions blood to better see the surgical field, Dr. A ties a knot to secure the valve.



Dr. A places one of many sutures into the dacron ring of an aortic pig valve, before inserting the valve into the human heart.



Beyond Surgery

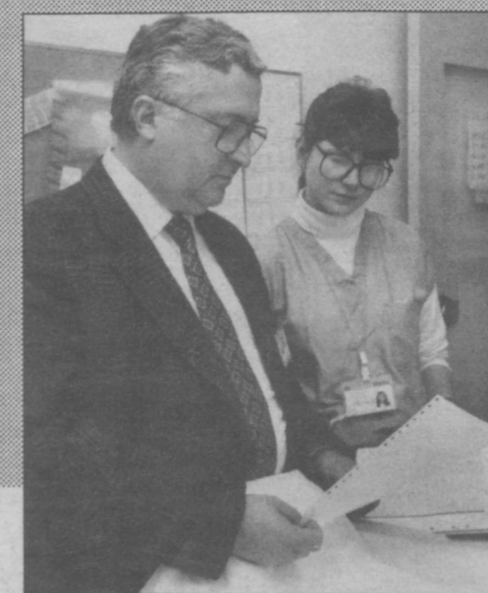
Thomas Smith, associate professor of radiology, and Dr. A discuss the pre-operative X-ray of a child who needs cardiac surgery, at the Pediatric Cardiology Conference.



During the Pediatric Cardiology Conference, Dr. A listens to a colleague discuss a case.



Dr. A discusses the management of a post-op patient with surgical residents, from left, Drs. Deutsch, Andrew Zeniou (second-year resident) and Peter Bongiovanni (third-year resident).



Amelia Williams, cardiovascular intensive care unit nurse, looks on while Dr. A reviews the flow sheet and lab work of a patient who received aortic valve surgery.



Dr. A talks with Frederick Braun, 80, before his coronary artery bypass graft surgery, as Faisal Khan, first-year resident, listens. Mr. Braun has since left the hospital and is recovering well.



Cuddling a 5-month-old East Patchogue boy who needs surgery to repair a hole between his ventricles, Dr. A takes an extra moment, after checking the baby's blood-oxygen level to determine the course of surgery.

According to a recent state Health Department study, Stony Brook's open-heart surgery program rates among the top 10 in the state, with the lowest mortality rates.

Community Partnership SATURDAY MARCH 16 1991 Day

STATE UNIVERSITY OF NEW YORK AT STONY BROOK

Celebrate the *Fun* of Learning!

Mindpower Midway

10 a.m. - 1:30 p.m. (Indoor Sports Complex Main Arena - West Wing Lobby)

Feast your eyes on mindboggling exhibits from around the university: • "Computer Alley" • Robotic Arm • Fish from LI Waters • Archeological Artifacts • "Magic of Chemistry" • Museum of LI Natural Sciences Hands-On Displays • Fitness Assessment • Demonstrations • Role-Playing Games • Science Fiction Exhibit • Horse Jumping • Live Radio Broadcasts • Face Painting • Bake Sale • Much More.

St. Patrick's Day 5K Race

10 a.m. - 11 a.m. (Indoor Sports Complex East Wing Gymnasium)

Get out your running shoes for a competition that winds through flat and hilly areas around campus. T-shirts to first 100 sign-ups. Pre-registration: \$8. On-site registration: \$10. All ages. Information: 632-7200.

The Scrambler

10 a.m. - Noon (Student Union Ballroom)

Keep your eye on the eggs as New York State Science Olympiad contestants test their propulsion skills without getting scrambled!

Volleyball Clinic

10 a.m. - 12:30 p.m. (Indoor Sports Complex East Wing Gymnasium)

High school students can develop their skills with help from the university coaching staff. Register at your school gym. Information: 632-7200.

Little People's Track Meet

10:30 a.m. - Noon (Indoor Sports Complex Main Arena - North Side)

Get ready, get set for stiff competition from the younger set. (On-site registration for nursery schoolers; others should register at their school gyms.) Ages: Nursery School through 6th Grade. Information: 632-7200.

Art Exhibit

10:30 a.m. - 4 p.m. (Staller Center Art Gallery)

Peruse the paintings and drawings of two Hispanic artists, Frederic Amat and Roberto Juarez. Information: 632-7240.

Backstage Tour

11 a.m. - 11:30 a.m. / 2:30 - 3 p.m. (Staller Center Main Lobby)

Get a behind-the-scenes look as the Staller Center for the Arts prepares for the evening's performance of the play, "Master Harold...and The Boys." (Note: Tickets to the play, presented March 16 at 8 p.m., are available at the Staller Center box office, 516-632-7230, or through TicketMaster, 516-888-9000.)

Performance Workshop

11 a.m. - Noon / 1 p.m. - 2 p.m. (Indoor Sports Complex Dance Studio)

Children become the actors as university theatre students guide them in skits from the wonderful world of Aesop's Fables. Ages: K-7th Grade.

Family Swim

Noon - 2 p.m. (Indoor Sports Complex Pool). All invited!

The Great Stony Brook Paper Airplane Contest

Noon - 2:30 p.m. (Indoor Sports Complex Main Arena - Southeast Side)

Test your skills in the ingenuity of flight! Materials available at registration. Prizes. All ages.

Ancient and Modern Fables

12:30 p.m. - 1:30 p.m. (Staller Center Recital Hall)

High school Latin students are invited to a talk by university lecturer A.W. Godfrey.

Baseball/Softball Clinics

1 p.m. - 3 p.m. (Indoor Sports Complex East Wing Gymnasium)

Get an early start on the season with expert advice from university coaching staff. Register at your high school gym. Information: 632-7200.

Varsity Lacrosse

1:30 p.m. - 3:30 p.m. (Patriot Field)

First home game of the season: Stony Brook Patriots vs. Lehigh Engineers. (Field is located on N. Loop Road, across from railroad station.)

Latin Day T-Shirt Designing

2:30 p.m. - 3:30 p.m. (Staller Center Main Lobby)

High school Latin students have fun with fables as they design T-shirts based on classical themes. Small fee. Information: 632-6546.

Science Bowl

2:45 p.m. - 4 p.m. (Indoor Sports Complex Main Arena - Northwest Side)

New York State Science Olympiad finalists square off in a "College Bowl" format.

All events and parking are free. Dining facilities open all day. Sponsored by University at Stony Brook and Faculty Student Association.

Bring the Family, Rain or Shine!

Anthropologist, Author Helen Fisher To Speak

Helen Fisher, research associate in the Department of Anthropology at The American Museum of Natural History, will speak on "Human Bonding and the Future of Sex" on Tues., March 19, at 8 p.m. in the Staller Center for the Arts. Her talk is part of the Distinguished Lecture Series cosponsored by *Newsday* and the Office of the Provost.

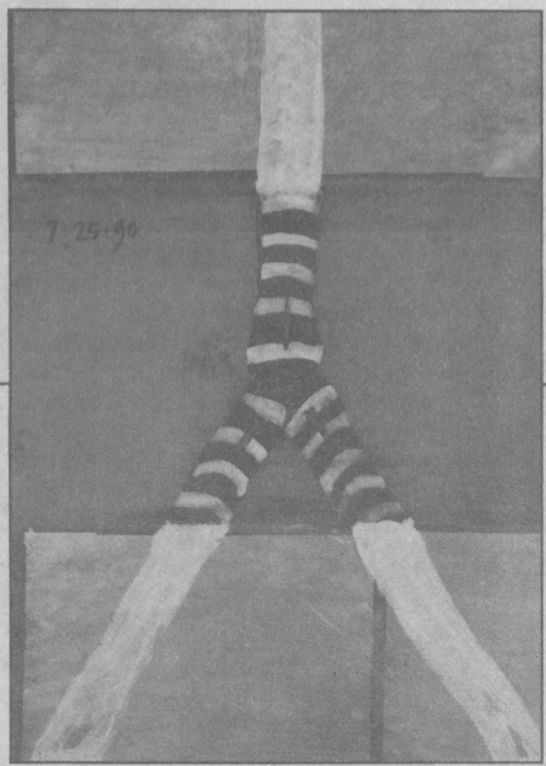
Helen Fisher has toured the country regularly since 1983 lecturing to college, church and social groups on the origin of human sexuality and the future of the family. Her book on the evolution of pairbonding, *The Sex Contract: The Evolution of Human Behavior*, was an alternate selection of the Book-of-the-Month-Club and has been published in England, France, Italy, Spain and Japan. From 1984-85, she was "House Anthropologist" for NBC's *Today Show*. She has written on the evolution and future of human sexual and social behavior for *Omni*, *Science Digest*, *Penthouse* and other magazines.

Fisher received the American Anthropological Association's Distinguished Service Award in 1985 for her work as a scholar and publicist.

Fisher is currently writing her second book on the evolution and future of marriage, adultery and divorce, to be published by W. W. Norton.



Helen Fisher



Days of the Year, by Roberto Juarez. PHILLIPS/SCHWAB

Philharmonia Baroque Plays All-Mozart

Honoring Mozart's bicentennial, the Philharmonia Baroque Orchestra of San Francisco will present an all-Mozart concert on Sat., March 9, at 8 p.m. in the Staller Center for the Arts.

Under the baton of music director Nicholas McGegan, the ensemble will perform two concertos and two of Mozart's symphonies, No. 29 in A, and 33 in B-flat. The Horn Concerto No. 2 in E-flat will feature Lowell Greer on the natural horn, and John Gibbons will be soloist for the Piano Concerto No. 14 in E-flat.

Since its founding in 1981, the Philharmonia Baroque Orchestra has become noted for outstanding performances of 17th and 18th century music using authentic instruments. Under McGegan's leadership, the Philharmonia has become the most active period-instrument ensemble in the U.S.

Tickets for the Philharmonia Baroque Orchestra will be \$22.50, \$20.50 and \$18.50. They are available at the Staller Center Box Office at 632-7230 and through TicketMaster at 888-9000.



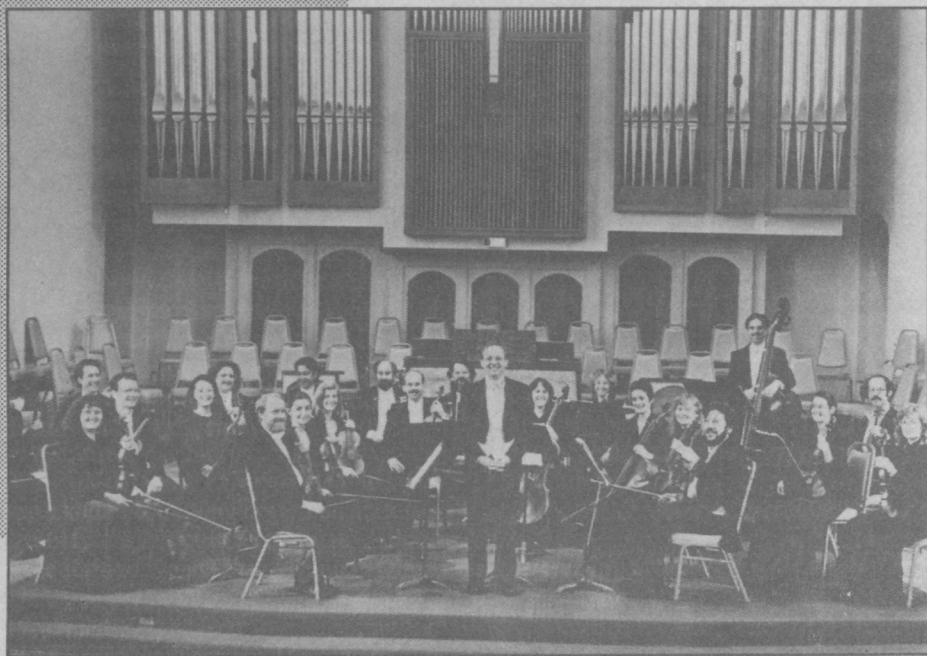
BYERLE, SCHWABER & ASSOC.

Unexpected Materials at Gallery Show

Moss and wax are among the nontraditional elements that appear in Frederic Amat and Roberto Juarez's art, which will be exhibited from Fri., March 1, through Thurs., April 18, at the University Art Gallery in the Staller Center for the Arts.

Twenty-one pieces form the two-person show, including paintings, monotypes and drawings on paper by Barcelona-based Amat and large scale collaged drawings and paintings by New York City and Miami Beach artist Juarez. Juarez's 1990 work, *Days of the Week (with Two Wednesdays)*, 25-feet long, includes peat moss along with more traditional materials; Amat's 1985 work, *Birth of a Frog*, uses wax and paper pulp.

Gallery hours are noon to 4 p.m., Tues. through Sat. Admission is free. For further information, call 632-9116.



LAWRENCE C. VAUGHN

"Master Harold"...and the boys Portrays South African Tensions

The Asolo Theatre Company will present Athol Fugard's powerful drama, *"Master Harold"...and the boys* at the Staller Center for the Arts on Sat., March 16, at 8 p.m.

Set in South Africa in 1950, the play focuses on the relationship between a white South African youth named Hally and the two black servants who work for his parents. Fugard has said that he based the character of Hally on himself and that the story springs from memories of his own childhood.

The Asolo Theatre Company is the professional theatre company of Florida State University's Asolo Center for the Performing Arts. Founded in 1960 as a theatre festival, the company became the professional state theatre in 1965. It is based in Sarasota, Florida.

Tickets for *"Master Harold"...and the boys* are \$22.50, \$20.50 and \$18.50, and may be purchased at the Staller Center Box Office, 632-7230, or through TicketMaster, 888-9000.

Comedy in the Round

An unfaithful psychiatrist with a trick couch, a secretary looking for work, a frustrated wife and an anxious government official join forces in Joe Orton's spirited farce, *What the Butler Saw*, coming to Stony Brook in March.

Stony Brook Theatre will present *What the Butler Saw*, in Theatre One of the Staller Center for the Arts. The show, directed by Theatre Arts Chair Farley Richmond, premieres on Thurs., March 7, at 8 p.m.

Additional performances: 8 p.m. on Fri. and Sat., March 8 and 9, and Thurs., Fri. and Sat., March 14, 15 and 16. Matinees: 2 p.m. on Sun., March 10 and 17.

Playing the psychiatrist is Jim Van Valen. Alison Leigh Blond plays the secretary; Fiona Bayly, the wife; Kevin Trudeau, the official. Andrew Fish will play Sergeant Match and William Kneissl, Nicholas.

Tickets are \$8; \$6 for students and senior citizens. Group discounts are available. For tickets and information, call the Staller Center Box Office at 632-7230.

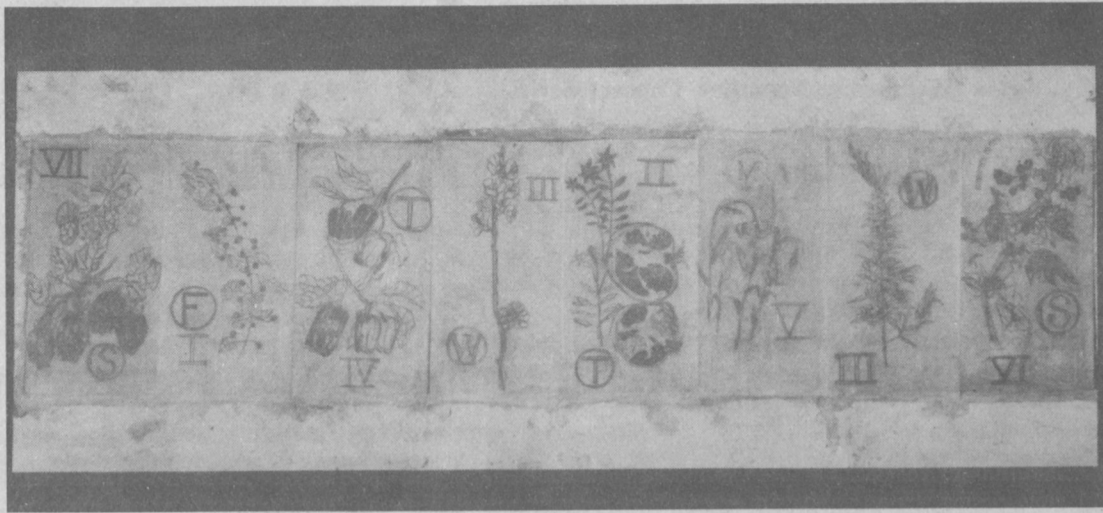


PHOTO BY PHILLIPS/SCHWARZ

Days of the Week (With Two Wednesdays), by Roberto Juarez, at the University Art Gallery through April 18.

EXHIBITS

March 1-April 18: Frederic Amat and Roberto Juarez. Two-person exhibition of recent painting by Barcelona native Frederic Amat, and New York artist, Roberto Juarez. University Art Gallery, Staller Center for the Arts. Tues. - Sat., noon - 4:00 p.m. Call 632-7240.

March 4-15: Painting and Sculpture Exhibition, works by Erika Votruba and Michelle Herman. Department of Student Union and Activities. Mon. - Fri., noon - 5:00 p.m. SB Union Art Gallery. Call 632-6822.

March 11-14: Third Annual Faculty/Staff Juried Photography Exhibition, sponsored by the Employee Relations Council. Reception, Wed., March 13, 3:30 - 6:00 p.m. Exhibition, noon - 4:00 p.m., Mon. through Thurs. Alliance Room, Melville Library. Call 632-6136.

March 18-April 6: Department of Student Union and Activities, "The Joycean Year," paintings by Dublin artist Gerald Davis, inspired by the writings of James Joyce. Mon. - Fri., noon - 5:00 p.m. SB Union Art Gallery. Call 632-6822.

FRIDAY

MARCH 1

Humanities Institute Symposium. "Images of Jews in Hollywood, A Retrospective," co-sponsored by The Museums at Stony Brook, The Greater Port Jefferson Arts Council and The Village Cinema. Reservations. 10:00 a.m. E4341 Melville Library. Call 751-0066 or 632-7765.

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

Union Crafts Center Course. Scuba Diving. Physical exam required. \$275. First classroom session, Friday, March 1, 6:00-8:00 p.m.; thereafter, Sundays, 6:00-9:00 p.m., Indoor Sports Complex East Wing. Call 632-6822.

C.O.C.A. Film. *Three Men and a Little Lady*. Fri. and Sat., 7:00, 9:30 p.m., midnight. Sun., 7:00 and 9:30 p.m. \$1.50; \$1 with SBU I.D. Javits Center. Call 632-6472 or 632-6460.

Astronomy Open Night. "The Disk Around Beta Pictoris," Roger Knacke, professor of earth and space science. Free. Open to the public. 7:30 p.m. 011 Earth and Space Sciences. Call 632-8221.

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

Stony Brook Baroque Players. Harpsichordist Arthur Haas, director. Free. 8:00 p.m. Recital Hall. Staller Center for the Arts. Call 632-7230.

SATURDAY

MARCH 2

Employee Relations Council Spring Trip. Destination: Atlantic City. Call 632-7136.

Section XI High School Boys Basketball Championships. 1:00 and 3:00 p.m., Indoor Sports Complex. Call 632-7200.

Staller Center Variety Series, "Imperial Bells of China." \$22.50, \$20.50, \$18.50; USB student tickets half price. 8:00 p.m., Main Stage, Staller Center for the Arts. Call 632-7230.

The Museum of Long Island Natural Sciences. "Haunting Crimes: An Investigation in Two Parts," presentation by crime historian/storyteller E. J. Wagner. Part I, March 2; Part II, March 9. 8:30 p.m. Museum members, \$10/\$18. Non-members, \$12/\$22. Advance registration. Earth and Space Sciences. Call 632-8230.

SUNDAY

MARCH 3

Sacrament of Reconciliation. 10:15 a.m. and 4:45 p.m., also by appointment (call 941-4141 or 632-6562), Peace Studies Center, Old Chemistry. Every Sunday. Call 632-6562.

Catholic Campus Ministry Masses. 10:30 a.m. and 5:00 p.m. Peace Studies Center, Old Chemistry; 9:00 a.m. Level 5, Chapel, Health Sciences Center. Every Sunday. Call 632-6562.

Graduate Student Recital. Kurt Rohde, viola. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

MONDAY

MARCH 4

Flea Market. Bargains Galore! 8:30 a.m.-4:00 p.m., SB Union Bi-level. Every Monday and Thursday. Call to confirm, 632-6826.

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Basic Ecology," L.B. Slobodkin, professor of biology. Cosponsored by the Center for Excellence and Innovation in Education and supported by the National Science Foundation. Free. Registration. 9:00 a.m. - 3:00 p.m. Peace Center, Old Chemistry. Call 632-7075.

Astrophysics Journal Club. Noon. 450 Earth and Space Sciences. Every Monday. Call 632-8221.

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

Human Resources Spring Wellness Program. Stress Management Series. Five sessions. Time and location TBA. Call 632-6136.

University Counseling Center Workshop. "Human Sexuality, Part I." Noon - 1:30 p.m. Location upon registration. Call 632-6715.

Graduate Student Recital. Kathleen Holcomb, clarinet. Noon. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

School of Continuing Education PC Training Series. "Introduction to PCs." Eight sessions. Preregistration. 5:45-7:45 p.m. Call 632-7071.

Union Crafts Center Course. Intermediate Weaving. Eight sessions. Prior experience required. \$90; \$75 students, senior citizens. 7:00-9:00 p.m., Union Crafts Center Fiber Studio. Call 632-6822.

School of Continuing Education Real Estate Education. "Income Property Appraising." 15 sessions. \$395. Preregistration. 7:00-10:15 p.m. Call 632-7071.

School of Continuing Education Real Estate Education. "Fundamentals of Town Zoning." Five sessions. \$99. Preregistration. 7:00-10:15 p.m. Call 632-7071.

Union Crafts Center Course. Wine Appreciation. Five sessions. Minimum age: 21. \$65; \$50 students, plus \$12 materials fee. 7:30-9:30 p.m., Union Crafts Center. Call 632-6822.

School of Continuing Education PC Training Series. "Intermediate Lotus 3." Eight sessions. Preregistration. Mondays and Wednesdays, 7:45 - 9:45 p.m. Call 632-7071.

Graduate Student Recital. Elizabeth DiFelice, piano. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Stony Brook Fencing Club. 8:00 p.m. Indoor Sports Complex. Every Monday. Call 585-8006.

TUESDAY

MARCH 5

Registration. Paddleball singles, tennis doubles, softball and four-on-four volleyball. Through March 19. Call 632-7168.

SUNY Day in Albany. Contact: Sue Mazula, SUNY, N102 SUNY Plaza, Albany, New York 12246.

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Fisheries Ecology and Oceanography." 9:00 a.m. - 3:00 p.m. Free. 113 Endeavour Hall (South Campus). Call 632-7075.

University Counseling Center. "Support Group for Adult Children of Alcoholics." Tuesdays, through May 7, 6:00-7:30 p.m. Location upon registration. Call 632-6715.

School of Continuing Education Real Estate Education. "Advanced Residential Appraising." 15 sessions. \$295. Preregistration. Tuesdays, 7:00-10:00 p.m. Call 632-7071.

School of Continuing Education Real Estate Education. Qualifying course, "Real Estate Salesperson's Course." 19 sessions. \$195. Preregistration. Tuesdays and Thursdays, 7:00-

10:15 p.m. Call 632-7071.

School of Continuing Education Real Estate Education. Qualifying Course, "Real Estate Broker's Course." 18 sessions. \$195. Preregistration. Tuesdays and Thursdays, 7:00-10:15 p.m. Call 632-7071.

Graduate Student Recital. Mary Wu, piano-lecture. Noon. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Undergraduate Student Group Recital. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Graduate Student Recital, Craig Nies, piano. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

WEDNESDAY

MARCH 6

Commuter Students Day. All day honoring commuter students. All events in SB Union. Make Your Own Music Video, 11 a.m. - 3 p.m., SB Union Ballroom. Admission fee. DJ Fest, Fireside Lounge. Button and FSA Mug Giveaway, SB Union Ballroom. Cultural Food Festival, 11:00 a.m.-2:00 p.m. And more.

University Counseling Center Workshop. "A Practical Approach to Understanding and Handling Test Anxiety, Part I." Noon - 1:30 p.m. Location upon registration. Call 632-6715.

University Counseling Center Workshop. "Study Skills, Part I." Noon - 1:15 p.m. Location upon registration. Call 632-6715.

N.O.W. Meeting. "Athletics (for women) at Stony Brook." Noon. S216 Ward Melville Social and Behavioral Sciences. Call 632-8066.

Wednesday Noontime Concert. Features graduate students. Free. Recital Hall, Staller Center for the Arts. Call 632-7235.

Wellness Program for Employees. "Investing in Tax-Free Municipal Bonds." Noon-1:00 p.m. 231A, SB Union. Call 632-6145.

School of Medicine Family Medicine Grand Rounds. "Inpatient," Marcia Lipski, chief resident; Aida Becker, resident; and Joseph Calandrino, resident. 12:30 - 1:45 p.m. Level 3, Lecture Hall 6, Health Sciences Center. Call 444-2300.

Student Affairs Student Leaders Roundtable. 12:40-2:15 p.m. 348 Administration. Call 632-6700.

University Counseling Center Workshop. "I Never Told Anyone, Part I." For women students only. Confidentiality assured. Location on registration. 3:00 - 4:30 p.m. 632-6715.

Physics Department Colloquium. "Top-Quark Physics; the Final Frontier," W. Marciano, BNL. 4:15 p.m. P137 Harriman Hall. 632-8110.

Alternative Cinema. *Salaam Bombay!* 7:00 and 9:30 p.m. SB Union Auditorium. \$2. Call 632-6136.

Union Crafts Center Course. Stained Glass. 8 sessions. \$85; \$70 students, plus \$25 materials fee. 7:00-9:00 p.m. Fiber Studio, SB Union. Call 632-6822.

Union Crafts Center Course. Wood Carving. 6 sessions. Beginners. \$60; \$50 students, \$10 materials fee. 7:00-9:00 p.m. Union Crafts Center. Call 632-6822.

Contemporary Chamber Players. Music by Stony Brook student composers. Free. 8:00 p.m. Recital Hall. Staller Center for the Arts. Call 632-7230.

T H U R S D A Y

MARCH 7

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

Mentor Program Workshop. "Beyond the Baccalaureate," focus on graduate education. 3:30 - 5:00 p.m. Office of Special Programs Conference Room, W-3520 Frank Melville Jr. Library. Call 632-7090.

Organic Chemistry Seminar. "Recent Advances in Stereoselective Organic Synthesis," Arthur G. Schultz, Rensselaer Polytechnic Institute. 4:00 p.m. 412 Chemistry. Call 632-7880.

Graduate Student Recital. Juliana Tzeng, clarinet. Free. 4:00 p.m. Recital Hall, Staller Center for the Arts. Call 632-7330.

University Counseling Center Workshop. "Foot Reflexology." March 7, 7:00 - 9:30 p.m. March 14, 7:00 - 8:30 p.m. Call 632-6715.

Union Crafts Center Course. Silkscreen Printing. Six sessions. \$75; \$60 students, plus \$10 materials. 7:00 - 9:00 p.m. Union Crafts Center Fiber Studio. Call 632-6822.

Department of Theatre Arts. *What the Butler Saw*. \$8; \$6 students and senior citizens. 8:00 p.m. Also Fri., and Sat., 8:00 p.m. and Sun., 2:00 p.m. Theatre I, Staller Center for the Arts. Call 632-7230.

F R I D A Y

MARCH 8

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Photochemistry and Solar Energy Conversion," Albert Haim, professor of chemistry. 9:00 a.m. - 3:00 p.m. Free. Peace Center, Old Chemistry. Call 632-7075.

Department of Linguistics Colloquium. "Switch Reference in Haruai: Syntax or Discourse?" Bernard Comrie, University of Southern California. 3:00 p.m. N505, Ward Melville Social & Behavioral Sciences. Call 632-7777.

C.O.C.A. Film. *Goodfellas*. Friday and Saturday, 7:00, 9:30 p.m. and midnight. Sun., 7:00 and 9:30 p.m. \$1.50; \$1 with SBU I.D. Javits Center. Call 632-6472 or 632-6460.

Graduate Student Recital. Kathleen Sihler, viola. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

S A T U R D A Y

MARCH 9

Women's Indoor Soccer Tournament. 8:00 a.m.-6:00 p.m. Indoor Sports Complex East Wing. Call 632-7200.

School of Continuing Education Real Estate Education. Program Modules, "Real Estate Investment Opportunities." Two sessions. \$99. Preregistration. Also March 16, 9:00 a.m.-5:30 p.m. Call 632-7071.

Section XI High School Boys Basketball Championships. Noon and 2:00 p.m., Indoor Sports Complex. Call 632-7200.

Graduate Student Recital. Richard Titone, trumpet. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Staller Center Orchestra Series. Philhar-

monic Baroque Orchestra. All-Mozart program. \$22.50, \$20.50, \$18.50; USB students, half price. 8:00 p.m. Main Stage, Staller Center for the Arts. Call 632-7230.

S U N D A Y

MARCH 10

Leukemia Society Jazz Marathon. Details forthcoming. 8:00 a.m. - 6:00 p.m. Indoor Sports Complex. Call 632-7200.

Stony Brook Organ Series. Carol Weitner of the First Church of Christ Scientist, Huntington. 7:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7230.

M O N D A Y

MARCH 11

University Counseling Center Workshop. "Stress Management: Relaxing the Mind and Body Workshop, Part I." Noon - 1:30 p.m. Location upon registration. Call 632-6715.

University Counseling Center Workshop. "A Practical Approach to Understanding and Handling Test Anxiety, Part II." 4:00 - 5:30 p.m. Call 632-6715.

Inorganic/Organometallic Seminar. Cornelius Kreiter, University Kaiserslautern. 4:00 p.m. 412 Chemistry. Call 632-7880.

Graduate Student Recital. Greg Hesselink, cello. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Graduate Student Recital. Jacqueline Leclair, oboe. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

T U E S D A Y

MARCH 12

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers. "Atmospheric Problems and Energy Policy," Charles F. Wurster, associate professor, marine environmental studies. 9:00 a.m.-3:00 p.m. Free. Peace Center, Old Chemistry. Call 632-7075.

School of Continuing Education PC Training Series. "Intensive Introduction to WordPerfect 5.1." Two sessions. 9:00 a.m.-4:30 p.m. Preregistration. Call 632-7071.

University Counseling Center Workshop. "Talking So Others Will Listen, Listening So Others Will Talk." Noon - 1:15 p.m. Location upon registration. Call 632-6715.

Department of Chemistry Biegeleisen Lecture. "Laser Femtochemistry," Ahmed Zewail, CalTech. 2:00 p.m. 116 Old Chemistry. Reception: 12:45-1:45 p.m., 412 Chemistry. Call 632-7880.

Bioorganic Literature Meeting. "Methods for Detecting the Intermediates of Enzyme Catalysis," Kaiyu Shan and Rodney Bednar, associate professor of pharmacology. 7:30 p.m. 603 Chemistry. Call 632-7880.

W E D N E S D A Y

MARCH 13

University Counseling Center Support Group. "Academic Motivation." Wednesdays through April 17. 8:30 - 10:00 a.m. Registration, Call 632-6715.

N.O.W. Meeting. Noon. S216 Ward Melville Social and Behavioral Sciences. Call 632-8066.

Wednesday Noontime Concert Series. Graduate students. Free. Recital Hall, Staller Center for the Arts. Call 632-7235.

University Counseling Center Support Group. "Overcoming Procrastination." Wednesdays, through May 1. 12:45 - 2:00 p.m. Registration. Call 632-6715.

University Counseling Center Support Group. "A Gathering of Men." Wednesdays, through May 1. 12:45 - 2:00 p.m. Registration. Call 632-6715.

Workshops, Programs. Persian Gulf War. 12:40 - 2:10 p.m. SB Union. Call 632-6820.

University Counseling Center Workshop. "Time Management for Academic Success." For students. 1:00 - 2:00 p.m. Call 632-6715.

University Counseling Center Support Group. "Child Sexual Abuse Group." Wednesdays, through May 1. 1:00 - 2:00 p.m. Call 632-6715.

University Counseling Center. "Eating Concerns Group." For students. Wednesdays, through May 1. 1:00 - 2:00 p.m. Call 632-6715.

Mentor Program. Financial aid workshop, Sherwood Johnson, director of financial aid. 3:30 - 5:00 p.m. Office of Special Programs Conference Room, W-3520 Frank Melville Jr. Library. Call 632-7090.

Alternative Cinema. *The Navigator*. 7:00 and 9:30 p.m. \$2. SB Union Auditorium. Call 632-6136.

Association for Women in Science Lecture. "The Science of Estrogen Replacement Therapy," Mildred Gordon, Yale Medical School. 7:30 p.m. S240 Math Tower. Call 282-2139.

T H U R S D A Y

MARCH 14

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Molecular Biology and Its Impact on Modern Medicine," Bernard Dudock, professor of biochemistry. 9:00 a.m.-3:00 p.m. Free. Peace Center, Old Chemistry. Call 632-7075.

Physical Chemistry Seminar. "Plasma Spray Processing of Intermetallic Compounds," Herbert Herman, professor of materials science. Noon. 412 Chemistry. Call 632-7880.

University Orchestra. Jack Kreiselman conducting. Free. 8:00 p.m. Recital Hall, Staller Center for the Arts. Call 632-7330.

Department of Theatre Arts. *What the Butler Saw*. \$8; \$6 students and senior citizens. 8:00 p.m. Also Fri., and Sat., 8:00 p.m. and Sun., 2:00 p.m. Theatre I, Staller Center for the Arts. Call 632-7230.

F R I D A Y

MARCH 15

Last day for removal of I (Incomplete) or NR (No Record) grades from the fall semester. Call 632-6885.

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Understanding Immunology." 9:00 a.m. - 3:00 p.m. Free. Peace Center, Old Chemistry. 632-7075.

University Counseling Center. "Returning Students Support Group," for older students. Fridays, through May 3. 1:00 - 2:00 p.m. Registration. Call 632-6715.

Graduate Student Recital. Ann Quinn, clarinet. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

C.O.C.A. Film. *Mermaids*. Friday and Saturday, 7:00, 9:30 p.m. and midnight. Sunday, 7:00 and 9:30 p.m. \$1.50; \$1 with SBU I.D. Javits Center. Call 632-6472 or 632-6460.

Long Island Brass Guild. Renaissance and Baroque music for brass \$6. Seniors, \$3. 8:00 p.m. Recital Hall, Staller Center for the Arts. Call 862-6072.

S A T U R D A Y

MARCH 16

School of Continuing Education. S.A.T. Preparation Course. 8 sessions. \$265. Preregistration. Sats., 9:00 a.m. - noon, and Weds., 6:00-9:00 p.m. Call 632-7071.



Performance artist Marianne Goldberg presents excerpts from the *Body Word Series*, March 20.

CALENDAR



PHOTO BY AUDREY MICHAELS

Acclaimed pianist Yefim Bronfman performs music by Russian composers on Wednesday, March 20.

New York State Science Olympiad. 9:00 a.m. - 4:00 p.m. Open to the public. Main Arena, Sports Complex. Call 632-7523 or 632-7075.

Community Partnership Day. Sponsored by the university and its Faculty Student Association, a full day of activities, tournaments, contests and fairs open to the public. 10:00 a.m. - 3:30 p.m. Indoor Sports Complex. Complete listing of events on page 14. Call 632-6320.

University Counseling Center Workshop. "Body-Mind Wellness Workshop." 10:00 a.m. - Noon. Location upon registration. Call 632-6715.

Lacrosse vs. Lehigh. 1:30 p.m. Patriot Field. Call 632-7287.

India Society at Stony Brook. "Life During Vedic Times," M. R. Bhat, senior physicist, BNL; "Indian Theatre," Farley Richmond, chair of Theater Arts. 6:30 p.m. 011 Earth and Space Sciences. 632-7781.

Staller Center Drama Series, Asolo Touring Theatre, "Master Harold" . . . and the Boys. \$22.50, \$20.50, \$18.50; USB students half price. 8:00 p.m., Main Stage, Staller Center for the Arts. Call 632-7230.

SUNDAY

MARCH 17

United States Volleyball Association Tournament. 8:00 a.m. - 7:00 p.m., Indoor Sports Complex East Wing. Call 632-7200.

School of Continuing Education. S.A.T. Preparation Course. 8 sessions. \$265, preregistration required. Meets Sundays, noon - 3:00 p.m. Registration. Call 632-7071.

MONDAY

MARCH 18

Graduate Student Recital. Hilary Metzlar, cello. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

TUESDAY

MARCH 19

Graduate Student Recital. Mark Gibbons, Isabel Soveral, composers. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Science and Engineering Fair. 10:00 a.m. - 1:00 p.m. SB Union Ballroom. For information, call 632-7523 or 632-7075.

University Counseling Center Workshop. "Study Skills, Part II." Noon - 1:15 p.m. Location upon registration. Call 632-6715.

University Counseling Center Workshop. "Choosing a Career: Getting What You Really Want." Noon - 1:30 p.m. Call 632-6715.

Humanities Institute Visiting Lecturer. "The Theme of Fetishism in Ousmane Sembene's *Xala*," Laura Mulvey, feminist filmmaker and theorist. 4:30 p.m., E-4340 Frank Melville, Jr. Library. Call 632-7765.

School of Continuing Education PC Training Series. "Intermediate Word Processing: WordPerfect 5.1." Seven sessions. Preregistration. Tuesdays and Thursdays, 5:45 - 7:45 p.m. Call 632-7071.

University Distinguished Lecture Series. "Human Bonding and the Future of Sex," Helen Fisher, anthropologist and author. Sponsored by the Office of the Provost and *Newsday*. 8:00 p.m., Recital Hall, Staller Center for the Arts. Call 632-7000.

WEDNESDAY

MARCH 20

Humanities Institute Visiting Lecturer Seminar. "Blue Velvet and Psychoanalysis," Laura Mulvey, feminist filmmaker and theorist. 10:30 a.m., E-4340 Frank Melville, Jr. Library. Call 632-7765.

N.O.W. Meeting. Noon. S216 Ward Melville Social and Behavioral Sciences. Call 632-8066.

Wednesday Noontime Concert. Features graduate students. Free. Recital Hall, Staller Center for the Arts. Call 632-7235.

University Counseling Center Workshop. "I Never Told Anyone, Part II." For men only. 3:00 - 4:30 p.m. Location upon registration. Call 632-6715.

University Counseling Center Workshop. "Resume Writing: You Can't Afford To Be Modest, Part I." For students only. 3:00 - 5:00 p.m. Call 632-6715.

University Counseling Center Workshop. "Resume Writing: You Can't Afford To Be Modest, Part II." For staff only. 3:00 - 5:00 p.m. Call 632-6715.

Lacrosse vs. Holy Cross. 3:30 p.m. Call 632-7287.

Alternative Cinema. *Christmas Holiday*. 7:00 and 9:30 p.m. \$2. SB Union Auditorium. Call 632-6136.

Staller Center Chamber Music Series. Yefim Bronfman, piano. \$17.50; USB students, half price. 8:00 p.m., Main Stage, Staller Center for the Arts. Call 632-7230.

THURSDAY

MARCH 21

Center for Science, Mathematics and Technology Education. Short course for secondary school science teachers, "Consumer Chemistry," Salvatore Tocci. 9:00 a.m. - 3:00 p.m. Free. Peace Center, Old Chemistry. Call 632-7075.

Distinguished Corporate Scientist Lecture Series.

"Human Biology Studied in Xenografted SCID Mic: The Hu-PBL-SCID Model," Donald Mosier, Medical Biology Institute. Sponsored by the Center for Biotechnology. Noon. Level 3, Lecture Hall 6 Health Sciences Center. Call 632-8521.

Campus Ministries. Interfaith Prayer Service. Noon, Level 5, Chapel, Health Sciences Center. Call 632-6562.

Graduate Student Recital. Charlene Ide, flute. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

Organic Chemistry Seminar. "Stereo-selective Synthesis of Beta Lactams and Amino Acids," Gunda I. Georg, University of Kansas. 4:00 p.m. 412 Chemistry. Call 632-7880.

University Counseling Center Workshop. "Hatha Yoga." 7:00 - 9:00 p.m. Thursdays, through May 2. Registration. Call 632-6715.

FRIDAY

MARCH 22

Continuing Education Conference. "Substance Abuse in the Suburbs." \$50, includes lunch. 8:30 a.m. - 4:30 p.m. Radisson Hotel, Hauppauge. Call 632-7060.

University Counseling Center Workshop. "Stress Management: Relaxing the Mind and Body Workshop, Part II." Noon - 1:15 p.m. Registration. Call 632-6715.

Department of Chemistry Colloquium. "Coordination Chemistry of Dinitrogen and Derivatives," Richard Schrock, MIT. 4:00 p.m. C116 Old Chemistry. Call 632-7880.

Graduate Student Recital. Amaryllis Iglesias, piano. 4:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

C.O.C.A. Film. *Ghost*. 7:00, 9:30 p.m. and midnight. Sunday, 7:00 and 9:30 p.m. \$1.50; \$1 with SBU I.D. Javits Center. Call 632-6472 or 632-6460.

Graduate Student Recital. Leslie Tiedeman, flute. 8:00 p.m. Free. Recital Hall, Staller Center for the Arts. Call 632-7330.

SATURDAY

MARCH 23

Men's Tennis vs. Manhattanville. 1:00 p.m. Varsity Courts. Call 632-7287.

International Art of Jazz. The Mose Allison Trio. \$17.50; USB students, half price. 8:00 p.m., Recital Hall, Staller Center for the Arts. Call 632-7230.

Annual BESFI Benefit Performance. Seiskaya Ballet. 8:00 p.m. Main Stage, Staller Center for the Arts. Call 862-6925.

SUNDAY

MARCH 24

Baton Twirling Competition. 7:00 a.m. - 7:00 p.m. Indoor Sports Complex East Wing. Call 632-7200.

Lacrosse vs. Dartmouth. 1:30 p.m. Call 632-7287.

MONDAY

MARCH 25

Spring Recess. Classes resume on Monday, April 1.

National Science Foundation, CSMTE, and CEIE Chautauqua. Short course for college teachers, "Learning Abstract Mathematical Concepts Using Interactive Set Language (ISETL)." Three consecutive full-day sessions. 9:00 a.m. - 4:30 p.m. \$175. 620 North, Ward Melville Social and Behavioral Sciences. Preregistration. Call 632-7075.

TUESDAY

MARCH 26

School of Continuing Education PC Training Series. "Intensive Advance Functions in Word Perfect 5.1." 9:00 a.m. - 4:30 p.m. Preregistration. Call 632-7071.

THURSDAY

MARCH 28

Baseball vs. Old Westbury. 3:30 p.m. Call 632-7287.

Organic Chemistry Seminar. "Hydrogen Bond-Mediated Folding in Natural and Unnatural Peptides," Samuel H. Gellman, University of Wisconsin. 4:00 p.m. 412 Chemistry. Call 632-7880.

FRIDAY

MARCH 29

Passover. Begins at sundown.

SATURDAY

MARCH 30

Men's and Women's Outdoor Open Track. 11:00 a.m. Call 632-7287.

Baseball vs. Kean. 3:30 p.m. Call 632-7287.

SUNDAY

MARCH 31

Easter Sunday.

Catholic Campus Ministry Masses. 10:30 a.m. and 5:00 p.m. Peace Studies Center, Old Chemistry; 9:00 a.m. Level 5, Chapel, Health Sciences Center. Call 632-6562.



Cosponsored by the Women's Studies Program, Art Department, Faculty Student Association, Graduate Student Organization, Music Department, Office of Equal Opportunity/Affirmative Action, Office of the Provost, Political Science Department, Polity, Resource Collection on Women/Science/Technology, Stony Brook Union Gallery, Theatre Department, University Art Gallery and the Center for Science, Mathematics and Technology Education.

MARCH 1991 WOMEN'S HISTORY MONTH

For more information call Adrienne Munich, director of Women's Studies or Connie Koppelman, Women's History Month coordinator, at 632-9176.

ONGOING EVENTS

Women's Studies Resources in Special Collections, Frank Melville, Jr. Library, Room E2320, Mon.-Fri. 9:00 a.m.-5:00 p.m.

Women's History Month Display, Administration Lobby.

"Recent Women Authors," book display, Frank Melville, Jr. Library, 3rd floor.

Through March 13, Luba Andres, sculpture, Library Galleria, Mon.-Fri., 12:00-4:00 p.m.

March 4-15, Erika Votruba and Michelle Herman, paintings and sculpture, Union Gallery, Mon.-Fri. 12:00-5:00 p.m.



Fri., March 1: Marjorie Rosen, "Jewish Women in Films," Symposium on Jews and Jewish Stereotypes in American Cinema, Humanities Institute, Frank Melville, Jr. Library E-4341, 10:00 a.m.-1:00 p.m.

Mon., March 4: Beverly Birns, "Motherhood," Ward Melville Social and Behavioral Sciences, Room N-116, 11:35 a.m.-2:35 p.m.

Lindy Boggs, former Congresswoman from Louisiana, "Women in Politics," Javits, Room 111, 12:00-2:00 p.m. and Ward Melville Social and Behavioral Sciences, Room N-702, 3:30-4:40 p.m.

Tues., March 5: Nancy Tomes, "Gender and Clothing in the 19th Century," Light Engineering Lab, Room 102, 11:30 a.m.-12:50 p.m.

Carol Kessner, "Gender and Ethnicity in American Literature," Humanities, Room 320, 4:00-7:00 p.m.

Beth Rosenberg, Claire P. Belle (Guggenheim Museum), "Women in Art," Fine Arts Room 3216, 6:30-9:20 p.m.

Meena Alexander, poet and novelist, will read from and discuss her work. Sponsored by the India Society. Poetry Center, Humanities, Room 238, 3:00 p.m.

Open House, sponsored by Center for Women's Concerns. Refreshments. Langmuir Fireside Lounge, 7:30 p.m.

Wed., March 6: Women's Resource Fair. Business, cultural, health and educational information, sponsored by Campus Residences, Stony Brook Union Bi-level, 12:00-2:00 p.m.

Robert Hawkins "Lesbians and Lesbian Relationships," Health Sciences Center, Lecture Hall 4, Level 2 3:30-6:00 p.m.

Seyla Benhabib, "Feminism and the Question of Modernism," Humanities Institute, Frank Melville, Jr. Library, Room E4341, 4:30-6:00 p.m.

Anne Sayre, author, "Rosalind Franklin and DNA," Old Chemistry Peace Center, Room 120, 4:30 p.m.

Sandra Weeden, "Women in Athletics," (Campus N.O.W.) Ward Melville Social and Behavioral Sciences, Room S-216, noon.

Speaker & Supper, Stephen Spector, "Does God Speak Through His (sic) Women?" on Harold Bloom's *Book of J*, sponsored by the Interfaith Center, Roth Quad Cafeteria, 6:00 p.m. Call 632-6565 for dinner reservations.

Salaam Bombay! 1988, directed by Mira Nair, Hindi with English subtitles, color, 113 min. Alternative Cinema, 7:00 p.m. & 9:30 p.m.

Thurs., March 7: Norman Goodman, "Intimate Relationships," Harriman, Room 137, 2:30-3:50 p.m.

Fri., March 8: Potluck Supper and Celebration of International Women's Day, Toscanini Infant Center, 6:00-8:00 p.m., 632-6933.

Sat., March 9: Women's Indoor Soccer Tournament, East Wing Gymnasium, all day.

Sun., March 10: Leukemia Society Jazzercise Marathon, West Wing Arena, 8:00 a.m.-6:00 p.m. **Mon., March 11:** Michael Hill, "Women Novelists of the 18th Century," Humanities Room 237, 3:35-4:45 p.m.

Tues., March 12: Beverly Birns, "The Victimization of Women," Psychology A, Room 259, 11:30 a.m.-12:50 p.m.

Patricia Steenland, "Women and Family in Literature," Humanities, Room 240, 11:30 a.m.-12:50 p.m.

Judy Wishnia, "Women in U.S. History," Javits Lecture Center, Room 110, 1:00-2:20 p.m.

Health Fair and Health Careers Day. Free cholesterol count and blood pressure screening; representatives from Allied Health Professions, Nursing, Preventive Medicine, Dental School and School of Social Welfare will be available to talk to students. Fireside Lounge. 10:00 a.m.-2:00 p.m. and 4:00 p.m.-6:00 p.m.

Blood pressure screening sponsored by the Hospital Auxiliary, health counseling and information sponsored by Well Woman Care, and mammography information sponsored by the Women's Outreach Network. Main Frank Melville, Jr. Library Galleria, 10:00 a.m.-6:00 p.m.

Continuous showing of health related videotapes, Stony Brook Union Fireside Lounge.

Wed., March 13: Career Prospects at Universities, Open House by the Women's Faculty Association and Campus N.O.W., Social and Behavioral Sciences, Room 216, noon.

Helen Harrison, director Pollock/Krasner House and Study Center, "Women in 'New Deal' Art: A Good Deal for Women," University Art Gallery, 12:30 p.m.

Kathleen Wilson, "John Stuart Mill and the Subjection of Women," Psychology A, Room 141, 3:25-4:45 p.m.

Drucilla Cornell, "Gender, Sex and Equivalent Rights," Humanities Institute, Frank Melville, Jr. Library, Room E4341, 4:30-6:00 p.m.

Mildred Gordon, Yale Medical School, "Science of Estrogen Replacement Therapies," American Women in Science, Math Tower, Room S240, 7:30 p.m.

Thurs., March 14: *Freedom Bags*, documentary video about African American women who migrated from the rural South hoping to escape racism and poverty, 32 min. Floris Barnett Cash will lead a discussion following the video. Ward Melville Social and Behavioral Sciences, Room S-224, 2:00 p.m.

"In Concert," Music Department faculty and graduate students present the music of women composers, Staller Center Recital Hall, 4:00 p.m.

Sun., March 17: USVBA Volleyball Tournament, East Wing Indoor Sports Complex, 8:00 a.m.-7:00 p.m.

Mon., March 18: *Xala*, directed by Ousmane Sembene, Humanities Institute, Frank Melville, Jr. Library E4341, 4:00 p.m.

Tues., March 19: Robert Harvey, Sylvie Saubadu (French Ministry for Women's Rights), "The Institutionalization of Women's Rights in France," Javits Lecture Center, Room 110, 10:00-11:20 a.m.

Jane Sugarman, "Women Composers," Staller Center, Room 2318, 1:00-4:00 p.m.

Adrienne Munich, "Women Workers in Victorian Britain," Staller Center, Room 3216, 1:00-4:00 p.m.

Laura Mulvey, "Fetishism in Ousmane Sembene's Film, *Xala*," Humanities Institute, Frank Melville, Jr. Library E4341, 4:30-6:00 p.m.

Helen Lemay and students, "Courtly Love Then and Now," Langmuir Fireside Lounge, 6:30-8:30 p.m.

Helen Fisher, (Museum of Natural History, Anthropologist)

"Human Bonding and the Future of Sex," University Distinguished Lecture sponsored by the Office of the Provost and *Newsday*, Staller Center Recital Hall, 8:00 p.m.

Wed., March 20: "What Can You Do About An Unwanted Pass from a Teacher, a Stranger or an Acquaintance," Information & video on sexual harassment, sponsored by Campus Women's Safety Committee, Stony Brook Union Fireside Lounge, 10:00 a.m.-3:00 p.m.

Lisa Durham, "Risky Business: Women Assaulted in the Workplace," sponsored by Campus N.O.W., Ward Melville Social and Behavioral Sciences, Room S-216, noon.

Panel of Stony Brook Women Leaders, "Need Something Accomplished? Call a Woman Student Leader to the Job!" Kelly Quad Conference Room, Lower Level Kelly Cafeteria, 12:40-2:10 p.m.

Campus Women's Safety Committee, "Self-defense and Karate Demonstration," Stony Brook Union, Fireside Lounge, 12:00-2:00 p.m.

Marianne Goldberg, author and artist, "Excerpts from the Body Word Series," a performance work of art, followed by a discussion with the artist. Staller Center Theatre I, 4:00 p.m. This program was originally scheduled for March 6.

Thurs., March 21: Eva Kittay, "Feminist Critiques of Equality," Psychology A, Room 137, 1:00-2:20 p.m.

Marci Lobel "The Psychology of Gender," Harriman Hall Room 137, 1:00-2:20 p.m.

Floris Barnett Cash and students, "The Politics of Hair," Ward Melville Social and Behavioral Sciences, Room S-224, 2:00 p.m.

Taproot Women Reading, Poetry Center, 3:00 p.m.

Sun., March 24: Baton Twirling Championships, East Wing Indoor Sports Complex, 7:00 a.m.-7:00 p.m.

Mon., March 25: *Hester Street*, part of the film series, "Images of Jews in Hollywood: A Retrospective," sponsored by The Greater Port Jefferson Arts Council Village Cinema, Theatre Three, Port Jefferson, 8:00 p.m. Call 928-9100.





Debbie Ruk, Brian Pinard, Marilyn Tuthill, Maureen Ginnane and Lonnie Frei are members of the team that may treat Persian Gulf War victims.

Medical Team Volunteers to Aid War Wounded

A multidisciplinary team of 16 doctors, nurses and respiratory therapists from University Hospital has volunteered to be part of group of critical care specialists that may be sent to Europe to treat military personnel injured in the Persian Gulf War.

The Stony Brook team is one of 28 such teams drawn from medical centers across the nation by the Society of Critical Care Medicine (SCCM), a California-based group which organized the effort at the request of the Army Medical Department.

"The interest in and response to the program far exceeded the size of the team needed," says Lonnie W. Frei, director of University Hospital's Surgical Intensive Care Unit and clinical assistant professor of surgery. Dr. Frei heads Stony Brook's team. "There was an overwhelming response for volunteers. The critical care practitioners who volunteered for this assignment are enthused with the opportunity to help and do something with our specific capabilities."

The Stony Brook team consists of four doctors, two respiratory therapists and 10 surgical and intensive care nurses. In addition to Dr. Frei, members are:

Physicians Alan Hartman, cardiac surgery; Brian Pinard, general surgery; and Avram Gold, pulmonary medicine;

Registered respiratory therapists Carol Gary and Patrick Vignona;

Surgical Intensive Care Unit nurses Joan Alexander, Maureen Ginnane, Louise Klessert, Sue LaVoie, Joan McGuinness, Carol McLaughlin, Debbie Ruk, Ellen

McCarty-Santos, Theresa Stapon and Marilyn Tuthill.

Team members are on five-day notification and are expected to rotate on a two week basis at three U.S. base hospitals in Europe. Team members will receive special training from the American Red Cross and will be considered volunteers of that organization, once they are overseas. The multi-disciplinary teams represent 15 states from California to New York.

The teams were organized by the SCCM Task Force on Disasters and Critical Care. In 1989, the Task Force recruited 757 SCCM members to serve as volunteer critical or intensive care specialists at international disaster sites. Prior to the formation of the Task Force, members headed critical care teams at the Armenian earthquake in 1988 and the pipeline train disaster in Russia in 1989.

"It's obvious that the preparation of this Task Force has paid off and we're able to respond to this national military crisis," said Dr. Vladimir Kevetan, coordinator of the SCCM effort. "SCCM has been able to organize and mobilize these teams in record time. This is the first time the Task Force has been activated; after this experience, I think we'll be ready for any disaster that might occur at a later date."

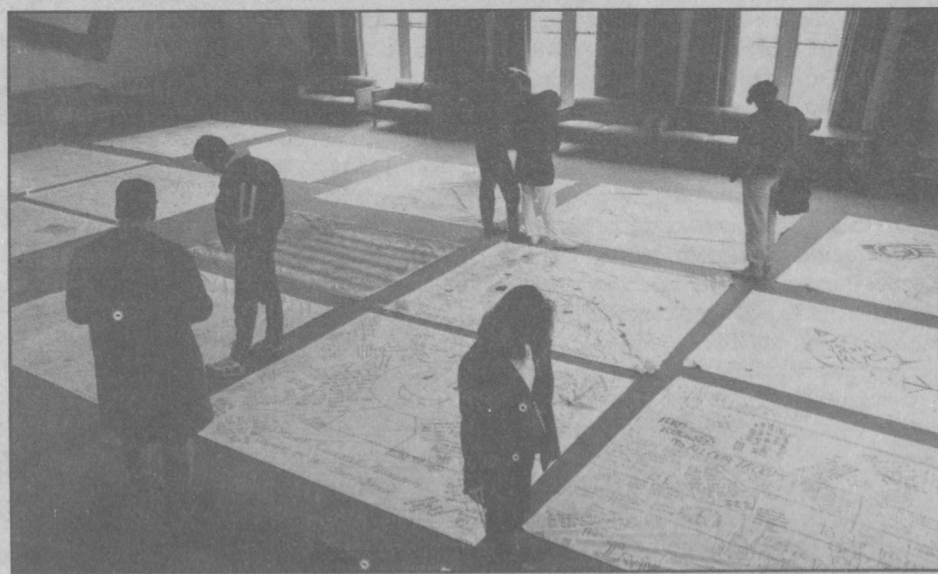
With more than 5,000 members worldwide, the Society of Critical Care Medicine is the largest organization of its kind and the only U.S. association dedicated exclusively to multi-disciplinary critical care.

Stony Brook Responds to Gulf War

Continued from page 3

been unique and positive," noted vice-president for student affairs Frederick Preston, who with Provost Tilden Edelstein was asked by President Marburger to develop appropriate events "to provide opportunities to learn about the war and its context, to demonstrate our concern for those affected by it, to express our personal beliefs regarding what actions our government should take regarding the war and to pray for the safety of those at risk and the comfort of those who suffer its consequences."

Preston made his remarks at a recent meeting of a new student-faculty-administration committee which he convened, the Mid-East War Campus Concerns Group, which is serving as a conduit through which individuals and groups can coordinate war-related activities. The committee reflects a cross section of campus views and organizations including representatives of peace groups and those supporting military action in the Gulf.



Bedsheet greetings bound for Saudi Arabia line up in Langmuir Lounge.

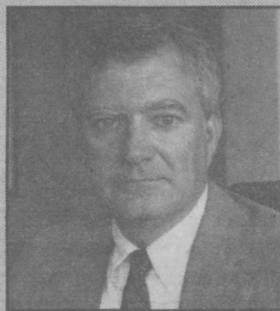
One of the well-attended events was an interfaith prayer vigil for peace that drew a cross-section of participants representing a diversity of views. "The vigil had a comforting effect," said chaplain Joseph Topok who, with fellow campus religious leaders, has scheduled a series of such programs for the spring semester.

The university hosted the first in a series

of panel discussions on the Gulf War Crisis on February 27 during Campus Life Time, the weekly 90-minute class-free period that gives students an opportunity to participate in clubs, forums and other activities. During Campus Life Time on March 13, several workshops and group support sessions will be held concurrently in the Stony Brook Union.

On the Persian Gulf War

by John H. Marburger



Our campus shares with the entire nation a deep concern for those whose lives and futures are threatened by the Persian Gulf War. We share the grief of those who have lost loved ones and the anxiety of those who face the terrors and uncertainty of combat. We share the

outrage of all thoughtful people who see war as an evil consequence of evil actions.

War unbalances all society's affairs, and universities are not excepted. But universities, far more than other institutions, owe society the will to reason. Universities are communities dedicated to the effectiveness of rationality and the perfectibility of humankind. They provide a forum for the expression of unpopular views and the means for analysis of new ideas. No other kind of institution can accommodate the mind-bending antinomies of war.

Our insistence on reason, on compassion, on the ability of people to improve themselves, leads us to abhor violence and embrace peaceful means of resolving conflict. As we each react to the war in our own way, let us demonstrate to others our ideal of tolerance and rational discourse. Stony Brook has a long history of accommodating diversity in cultural values and intellectual points of view. During the past decade our patience has been tested repeatedly by external forces determined to divide our campus. The Gulf War tries once again our commitment to understanding and respecting one another despite differences.

Forums, vigils and special events focused on the war have already taken place, and others are planned. I urge all to understand the need for these and to participate responsibly in them. I have asked Provost Tilden Edelstein and Vice President Frederick Preston to make sure that appropriate events are developed throughout the year to provide opportunities to learn about the war and its context, to demonstrate our concern for those affected by it, to express our personal beliefs regarding what actions our government should take regarding the war, and to pray for the safety of those at risk and the comfort of those who suffer its consequences.

Some Stony Brook students and employees are now at war in the Persian Gulf. Many of us have family and personal friends who are serving in the military there. I extend my personal support to all of them and my hopes that their mission will be concluded swiftly and without further bloodshed. I respect them for their commitment and pray that their sacrifices will not be in vain.

John H. Marburger is president of the University at Stony Brook.

NSF Funds Research Center

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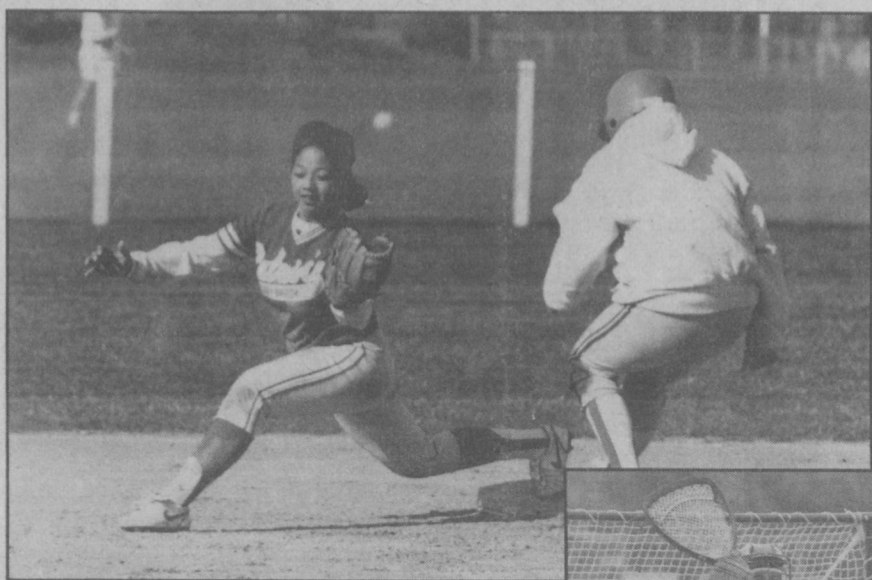
the support from NSF, we'll expand those collaborations to enable discoveries in basic research to move more quickly into the economy," said Weidner.

The center will also foster the development of the next generation of high-pressure devices and will set up an exchange of students and scientists with other institutions. One of those will be Brookhaven National Laboratory, where high intensity X-rays from the National Synchrotron Light Source will be utilized to probe the properties of materials used at the high pressure center.

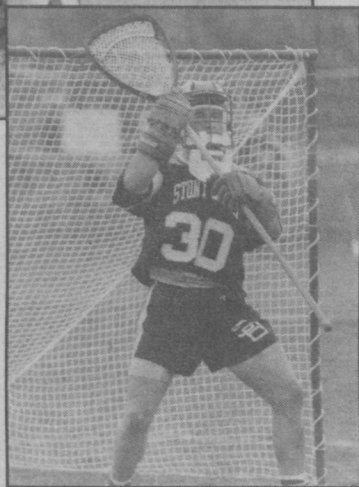
Weidner will be advised by an executive committee, representing the three institutions involved in the center. Members of the committee are Alexandra Navrotsky, chairman of Princeton's Department of Geological and Geophysical Sciences, Charles T. Prewitt, director of the Carnegie Institution's Geophysical Laboratory and a former faculty member at Stony Brook, and Robert C. Liebermann, director of Stony Brook's High Pressure Laboratory. The existing laboratory forms the basis of the new center, along with the Mineral Physics Institute. Liebermann serves as co-principal investigator of the project with Weidner.

Review of a Winning Season

Winter Sports Roundup



Dana Carasig makes the play at second base.



Rob Serratore defends the goal.

Spring Sports Outlook

Lacrosse

Head Coach John Espey's plan for building a lacrosse powerhouse on Long Island at Stony Brook is well under way. The Patriots have compiled a 28-14 record over the last three seasons under Espey's leadership, finishing the 1990 season with a 12-2 record in Division I.

The 1991 team will be anchored by goalie Rob Serratore, who was among the leading goalies in Division I lacrosse last season, with a .640 save percentage. He was voted the team's most valuable player at the end of the 1990 season. The Stony Brook attack unit returns Dave Fritz and Tony Cabrera. Last season the attack unit finished among the nation's leaders for goals and assists.

"Our players have responded enthusiastically to the challenge of Division I lacrosse," says Espey. "Our program is as well organized as any nationally ranked program in the country. We run, lift, practice and play as hard as every one of them and we expect our players to excel—and our program to win."

Softball

The softball team will be looking to rebound from a disappointing 1990 season. With a strong nucleus of returning players, Stony Brook expects to be very competitive in 1991 and once again challenge for the State title. Leading the returnees will be tri-captain and 1990 MVP Dana Carasig. Carasig led the team in virtually every offensive category, and provided much needed leadership for the young team.

Tri-captain Cathy DiMaio will be returning from shoulder surgery in the off-season, which might limit her playing time at shortstop, the position she has held for two years.

On the mound this year the ace of the staff is senior Traci Racioppi. This promises to be an up year for Lady Patriots softball, with last spring's young squad coming back after gaining a year's valuable experience. The team is expected to restore the softball program to its past levels of excellence.

Baseball

The baseball team is looking forward to a fine season under new head coach Matthew Senk. There will be a battle for all starting positions, especially in the pitching department. The probable starters will come from a group of pitchers that includes Frank Jordan, J.P. Maurin, Bill Mena, Aaron Eagle, Jeremy Yellin, Barry Liebowitz and Drew McDowell.

The pitchers will be working with two experienced catchers, Ray Lacen and Pete

Desena. Shortstop will be a strong position for the Patriots, with Artie Dellarocca and Kenny Kortright competing for the starting role. Coach Senk has many options with a talented group of outfielders. Seven players are vying for starting roles, led by centerfielder Don Willsey.

The 1991 baseball team will compete for the first time in the newly formed Skyline Baseball Conference and is hoping to win the championship in the league's first year.

Men's Track and Field

The 1990-91 men's track and field team looks to be the strongest in Stony Brook history. Newcomers Wayne Mattadeen, Jerry Canada, Courtney O'Meally, Roger Gill and Anderson Vilien will make the sprint group this year's strongest unit. Head coach Steve Borbet expects university records in the 4x100, 4x200, and 4x400 to be broken.

In the hurdles, All-American Jean Massillon will look to improve on his second place finish in two years ago's NCAA. The middle distant runners have been strengthened tremendously by transfer David Briggs and newcomer Ken Bristow. They will join Pat McMurray in providing a solid tandem for the Patriots.

This should be a very exciting season for the men's track team, which has the potential for one of the finest seasons ever, both throughout the regular season, and at the NCAA Championships.

Women's Track and Field

Coach Borbet enters the women's track and field season with a couple of gaps to fill in order for the squad to continue to perform at its past levels of excellence.

The Lady Patriots will try to fill the void created by the departure of NCAA Long and Triple Jump Champion Sara Lenchner. Megan Pyle will lead a talented mix of freshman, transfers and returnees in the sprint events. Pyle is coming off an excellent cross-country season and looks really good.

In the middle distances Delia Hopkins and Nicole Hafemeister provide Stony Brook with a solid duo.

Winning the Public Athletic Conference Championship and finishing in the top five in the State Championships would add up to a successful season for the team.

All seven Stony Brook winter athletic teams assured themselves of winning seasons. Three of the teams opened play in the spectacular new Indoor Sports Complex, with two others to begin action at that site next season.

Leading the way this past winter has been the men's basketball team, which posted a 20-2 record through February 12 and was ranked fourteenth nationwide. The men opened the season with a 12 game unbeaten streak, fourth longest in the nation. The team is expected to clinch its second consecutive Skyline Conference Basketball Championship and is looking forward to a probable bid in the NCAA Basketball Tournament.

Having another outstanding season is sophomore guard Emeka Smith, who leads the team in scoring — averaging 20.5 points per game — and in six other offensive categories. Sophomore Vincent Farmer and junior Curtis Bunche both averaged 13 points per game. The team received solid efforts from Steve Hayn, Yves Simon, Ricky Wardally and Charwin Agard.

The women's basketball team posted its ninth consecutive winning season under head coach Dec McMullen. The women faced one of the most competitive schedules in the nation, playing eight teams that were nationally ranked. Stony Brook defeated Keuka College, third ranked team in the nation, to highlight a fine season.

The Lady Patriots were led by senior All-American candidate Katie Browngardt. Browngardt, last season's Metropolitan Basketball Coaches Association Division III Player of the Year, averaged 20 points and 10 rebounds per game this season. Captains Jessica Arnold (12 points per game), and Rita Gallahue (10 points and 9 rebounds per game) have also been instrumental in leading the USB women.

The men's swimming team opened the season by posting a perfect 7-0 mark before finishing at 8-3. In late January the men rallied from a deficit to beat arch rival USMMA, 123-120. The team of Frank Ruben-bauer, Mark Brady, Zack Buck and Brian Seeley took first place in the 400 meter freestyle relay.

Diver Mark Muller and swimmer Hainson Wu were key performers in the Patriots' successes as single and double winners throughout the season.

The women's swim team rallied from a slow first half to finish the season at 6-4, through the efforts of transfers Nancy Winkler and Brigid Corr. At the Metropolitan Conference Championships, Win-

kler and Corr each set three new university records and qualified for the NCAA Championships in two events. Winkler qualified in the 200 meter individual medley and the 200 meter freestyle; Corr in the 100 and 200 meter breaststroke events. Diver Tracy Shaw was a consistent winner throughout the season as were Kerry Caldrony and Barbara Getman.

Jay Warshaw, the squash team's number one player, posted an impressive 17-6 mark to lead the team to a 14-10 mark heading into the last week of the season and the national championships. Warshaw competed against each opponents' top player, including numerous All-Americans, throughout the season. Freshman Oliver Dick moved into the starting rotation and became the team's number two player midway through the season. Dick posted a 13-10 record in his first year of collegiate squash. Third seeded Alex Whitaker also posted a 13-10 mark. Sherry Irshad improved dramatically throughout the year and ended the season as the team's number five player, posting a 14-7 record.

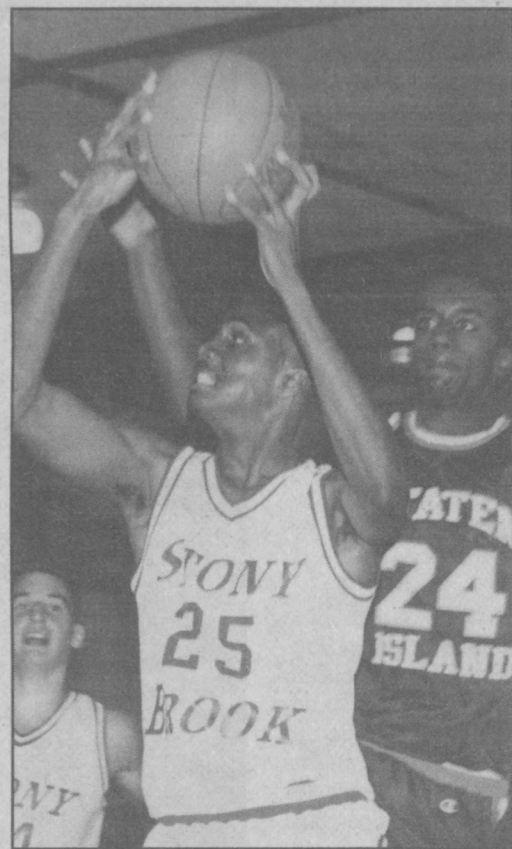
Both the men's and women's indoor track teams had outstanding seasons under head coach Steve Borbet. The women's squad broke three university records, and several runners qualified for the ECAC Championships.

Nicole Hafemeister, Vanessa Rose, Farah Merceron and Delia Hopkins teamed to establish a new campus record for the 4x1600 meter relay. Meegan Pyle broke her own

record in the 500 meter run with a time of 1:24.5 that also qualified her for the ECAC Championships. The 4x800 meter relay team of Pyle, Hafemeister, Hopkins, and Lisa Silberman qualified for the ECAC and narrowly broke the school record. Hafemeister also qualified in the 800 meter race.

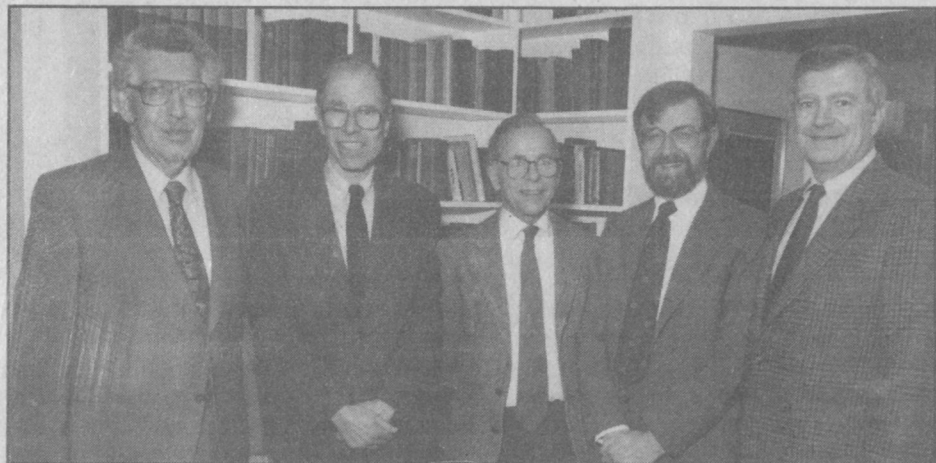
The men's indoor track team qualified runners for the ECAC Championships and broke seven university records. Jean Massillon qualified for the NCAA Championships and set a new university record, 7.60 seconds in the 55 meter high

hurdles. Masillon's time is the second fastest in the country this season. The 4x400 meter relay team of Jerry Canada, Courtney O'Meally, Anthony Mercaldi and Roger Gill established a new university record in that event. Gill broke the campus record in the 200 and 400 meter dash. Gill, O'Meally, and Anderson Vilien all qualified for the ECAC in the 200 meter dash. Mercaldi qualified for the ECAC in the 500 meter run. The long jump relay team of Vilien and Canada established a new school record.



Ricky Wardally (25) goes up for two as Steve Hayn (44) looks on.

PHOTOS BY ROBERT O'ROURKE



University President John H. Marburger honors 30-year employees Bernard Tunik, Bernard Semmel, Joseph Peulgney and Albert Carlson.

Equal Opportunity/Affirmative Action Award Nominations

Nominations are now being solicited for the 1990-91 President's Awards for Excellence in Equal Opportunity/Affirmative Action. The award was created to recognize individuals who have made outstanding contributions to the advancement of equal opportunity and affirmative action at Stony Brook.

Nominees for the award must be full-time employees or full-time students at Stony Brook and must have completed at least one year of continuous employment or enrollment prior to the beginning of the current academic year. Previous recipients of the award are not eligible.

A successful candidate must have a record of outstanding accomplishments and contributions to the affirmative action and equal opportunity goals in employment and education at Stony Brook. Preference will be given to those who have excelled in a creative and innovative fashion in enhancing the university's ability to respond to the needs of all its constituents. Candidates should perform in a manner that demonstrates a commitment to the realization and continuation of equal opportunity and affirmative action at Stony Brook.

Any member of the university community may nominate candidates for the Awards for Excellence in Equal Opportunity/Affirmative Action. Nominators are responsible for compiling strong support files, consisting of the nominee's curriculum vitae and a maximum of five statements attesting to the contributions of the nominee.

Completed files must be submitted no later than April 15. Files should be sent to President's Award for Excellence, Office of Equal Opportunity/Affirmative Action, 474 Administration, ZIP-0251.

We Regret to Inform You...

Because of a last-minute cancellation by the invited performers, the program in celebration of Martin Luther King Jr., Day, scheduled for January 31, had to be cancelled.

Participants Sought for Insomnia Study

The Sleep Disorders Center at University Hospital is looking for volunteers to take part in a study on the nature and treatment of insomnia. Participants must be between 18-65 years old, in good health and have had at least six months difficulty with sleeping. Volunteers will be given a free evaluation at the center.

The Sleep Disorders Center, directed by Wallace B. Mendelson, is part of the Department of Psychiatry and Behavioral Science at University Hospital.

For further information on the insomnia study or to arrange to participate, contact Marlin Stuart Seliger at 444-2916.



Joan Sauer, secretary to the director of physical education and athletics, at the SEFA reception.

Campus SEFA/United Way Drive Breaks Former Record

Campus employees contributed a record \$95,445 to the university's 1990 SEFA/United Way campaign. The university also led all other state agencies on Long Island in contributions.

The results were announced at a recent reception for campaign captains hosted by President John H. Marburger. Dr. Marburger, who will become chairman of the United Way's 1991-92 Long Island campaign on July 1, thanked the captains and their constituencies for their efforts in bringing the campus close to its \$100,000 1990 goal. Last year, the campus community contributed \$79,582 to the campaign.

"I'm extremely gratified that we were able to reach the total we did in a year when there is so much uncertainty," said Alan D. Entine, manager of Employee and Labor Relations and Stony Brook's State Employees Federated Appeal/United Way employee campaign coordinator, who joined Dr. Marburger in presenting certificates of appreciation to the 31 campus captains. "It shows that members of the Stony Brook campus community are able to go beyond their own concerns to meet the needs of the Long Island community."

In addition to serving as overall campaign coordinator, Entine coordinated the west campus campaign. The campaign at University Hospital was coordinated by Kathleen Desposito, admitting director, and Joseph Dyro, director of biomedical engineering, who helped generate interest in SEFA/United Way by staging an "agency fair" in which organizations benefitting from SEFA/United Way funds set up booths in the hospital lobby to acquaint employees and the public with their services.

The biggest single increase among campus donors came from the Health Sciences Center, Entine said, where the campaign was coordinated by Martin Leibowitz, professor of medicine. Donors at the HSC contributed about \$24,000 to the campaign,

Entine said, a nearly 100 percent increase over last year.

The SEFA campaign, run in conjunction with the United Way of Long Island's annual drive, allows state employees from more than 40 governmental agencies on Long Island to support nearly 2,000 health and human service agencies in New York State, some 200 of which service the bi-county region. In most cases, contributions are made through payroll deductions.

In addition to monies raised on the Stony Brook campus through SEFA, Research Foundation employees contribute to the effort by making donations to the United Way. Two USB-affiliated organizations — Stony Brook Child Care and the University Hospital Auxiliary — were among the agencies SEFA contributors could select for funding. This year, for the first time, Research Foundation employees who contributed to United Way were able to designate individual organizations.

United Way divides its contributions among more than 140 groups, from scouting organizations to health care facilities, which in turn benefit the Stony Brook campus community.

In the 1989 SEFA campaign, campus donors contributed \$6,830 of the \$10,493 in donations and pledges that went to Stony Brook Child Care center and \$5,751 of the \$7,784 that was donated to the hospital auxiliary. At press time, distribution figures to each agency from the 1990 campaign were unavailable.



Mark C. Henry

New Emergency Medicine Chair

Mark C. Henry has been named associate professor and chairman of the Department of Emergency Medicine at Stony Brook's School of Medicine.

Prior to coming to Stony Brook, Dr. Henry served as chair of the Department of Emergency Medicine at Booth Memorial Medical Center in Flushing for 12 years.

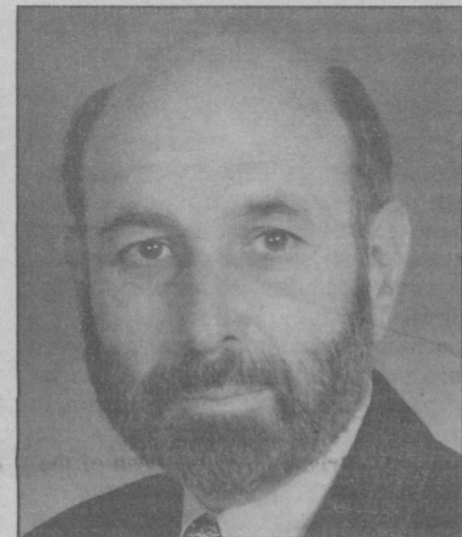
Dr. Henry serves as president of the New York Chapter of the American College of Emergency Physicians, consulting medical director for the state Department

of Health EMS Program and clinical consultant to the New York City Poison Center. He has served as chairman of the state EMS Council, chairman of the city EMS Medical Advisory Council and the state Appropriateness Review Task Force on Emergency Medical Services.

Dr. Henry worked to implement programs for CPR training of students in the New York City school system and an associate degree program for paramedics at LaGuardia Community College.

A contributor to the development of state standards for hospital emergency departments and trauma centers, he has also planned state and national conferences on emergency medical services, toxicology, hospital overcrowding, health care financing and quality assurance. His publications include *Textbook in Prehospital Care*, to be released by W.B. Saunders later this year.

In 1989, Dr. Henry received the New York State Commissioner of Health Award for Excellence in Emergency Medical Services.



Richard Fine

New Chair of Pediatrics Named

Richard Fine has been named chairman of the Department of Pediatrics at the University at Stony Brook's School of Medicine. Dr. Fine comes to Stony Brook from the University of California's Center for Health Sciences in Los Angeles, where he held the positions of vice chairman for clinical affairs and professor of pediatrics.

Dr. Fine graduated from Temple University Medical School, and did his pediatric residency at Boston City Hospital and Children's Hospital of Los Angeles. He is board certified by the American Board of Pediatrics and sub-boarded in pediatric nephrology. His major interests have centered on the treatment of end stage renal disease in children. He is the author of several medical textbooks.

Dr. Fine's contributions to understanding dialysis and transplantation have been widely recognized both nationally and internationally.

Nursing Award

Rachel McGrowth Lin, left, a doctoral candidate and research associate at the School of Nursing's Gerontology Project, receives the "Award for Excellence in Nursing Practice: Direct Patient Care," from Gloria Gelfand, president of the Nursing Association of the Counties of Long Island. McGrowth Lin, nursing supervisor at Long Beach Memorial Nursing Home, is a resident of Freeport.



K U D O S



Judith Wishnia

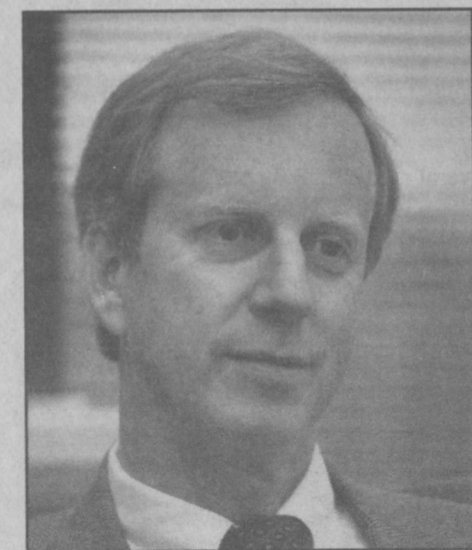
Judith Wishnia, associate professor of social sciences, recently published *The Proletarianizing of the Fonctionnaires: Civil Service Workers and the Labor Movement Under the Third Republic*. The book was issued by the Louisiana State University Press in December, 1990.

Barbara L. Bentley, associate professor of ecology and evolution, has been named to the board of directors of the American Institute of Biological Sciences. She also serves as vice president of the Organization for Tropical Studies, secretary of the American Society of Naturalists and president of the Long Island chapter of the Association for Women in Science. Her research includes plant ecology and the preservation of tropical environments.

Frances L. Brisbane, acting dean of the School of Social Welfare, is the coauthor of a new book titled, *Working With Afro-Americans*, published by HRDI International Press.

Angel P. Campos, associate dean of the School of Social Welfare, received Stony Brook's Student Life Award in recognition of his "sensitivity and intense personal commitment to the growth and development of School of Social Welfare students." The award was presented by Fred Preston, vice president for student affairs.

T R A N S I T I O N S



Thomas W. Boyden

Thomas W. Boyden became the university's new associate vice president for development on February 4. Boyden comes to Stony Brook from the University of Florida College of Business Administration in Gainesville, where he was assistant dean for development and alumni affairs. Among other duties, he was responsible for fundraising from major donors: individual,

Paul Edelson, dean of the School of Continuing Education, was a Kellogg Foundation Research Fellow at Syracuse University from January 6 to 11. Edelson is conducting a study of the Ford Foundation's Fund for Adult Education from 1951-1961 at Syracuse's Arents Research Library. This month, Edelson will continue his research at the Ford Foundation Archives in New York City, and in March he will return to Syracuse to complete the study. His findings will be presented in March at a conference on the history of adult education called "Reconstructing the 'Mainstream': Issues of Race, Class and Gender."



Tomer Lev

Tomer Lev, graduate music student, debuted with the Israeli Philharmonic Orchestra in February, performing George Gershwin's "Rhapsody in Blue" at the Mann Auditorium in Tel Aviv, under the baton of Zubin Mehta. Lev also gave piano recitals in Zurich, Switzerland, while on tour. In May, he will be guest soloist with Romania's Filharmonica Moldava.

Jacques Guilmain, professor of art, presented "An Analysis of Some Ornamental Patterns in Hiberno-Saxon Manuscript Illumination in Relation to their Mediterranean Origins," at the National Museums of Scotland, Edinburgh. The conference,

corporate and foundation. "We at Stony Brook are very fortunate to have someone with Tom Boyden's higher education development experience join our staff," says Carole G. Cohen, vice president for university affairs and president of the Stony Brook Foundation. "He fully understands how fundraising can and should be done at a complex major research university and will shortly set in motion the necessary activities to bring more private support to Stony Brook," Cohen says.

From 1985-1988 Boyden served as director of development for the Denver Art Museum in Colorado, where he planned a \$10 million endowment campaign, and before that he worked as major gifts officer for Massachusetts Institute of Technology and Tufts University.

Boyden earned his M.B.A. in 1969 from Western Michigan University and his B.A. in 1966 from University of Vermont.

Elizabeth Hayes, Stony Brook's Telefund director, has been appointed director of Annual Giving for University Affairs' Development Office. Hayes came to Stony Brook one year ago. She will temporarily retain her position with the Telefund until a replacement can be named.

which ran from January 3 to 6, focused on "The Age of Migrating Ideas, Early Medieval Art in Britain North of the Humber."

At a College Art Association conference to be held this month in Washington, D.C., he will present a paper titled, "The Construction of Ornament in the Cross-Carpet Pages of Hiberno-Saxon Manuscripts and Cosmic Symbolism."

Aldustus E. Jordan, III, was named chairperson of the Suffolk County Youth Board by County Executive Patrick G. Halpin in January. Jordan is associate dean for Student and Minority Affairs at Stony Brook's School of Medicine. He joined the university in 1976. The Suffolk County Youth Board advocates, plans and coordinates youth services for the county.

Michael D. Marx, professor of physics, has been elevated from member to fellow of the American Physical Society. Members are designated as fellows when they have contributed to the advancement of physics by independent, original research, or by special service to science. Marx was honored for his work in developing large-scale detectors for subatomic particles, and for his studies on high-energy atomic colliders.

Mel Pekarsky, professor of art, was included in an American landscape survey exhibition, "Landscape on Paper," at Graham Modern Gallery in New York, November 29 to December 22. The Museum of Modern Art's Art Advisory Service recently completed permanent installation of a suite of 20 Pekarsky works on paper at the American Medical Association's new headquarters in Chicago. In March, he is scheduled for a one-man show at G.W. Einstein gallery in Soho.

Howardena Pindell, professor of art, exhibited her work at the Gibson Gallery, S.U.N.Y. Central in Albany, from October to December. She is currently exhibiting at the Miami-Dade County Community College Gallery in Miami, Florida, in a group show titled, "Rage of Children." Pindell lectured on "De Facto Censorship" at Barnard College in October, and Guild Hall in August. In February, Pindell will be a panelist for the Women's Art Caucus in Washington, D.C.

Robert R. Sokal, leading professor of ecology and evolution, was appointed Distinguished Professor on January 24 by Bruce Johnstone, chancellor of the State University of New York.

An honorary doctoral degree from the University of Crete in Greece was recently conferred on Sokal, who was honored for his pioneering work in anthropological and biological classification and taxonomy. He has developed methods for scientific classification, including how the spread of lan-

O B I T U A R I E S

Jack Lipkind, 52, assistant head of the Frank Melville Jr. Memorial Library's Reference Department, died on Dec. 9, following a heart attack. Mr. Lipkind had worked at the university for 25 years.

At Stony Brook his professional expertise contributed significantly to building the library's reference collection. He earned him the President's Award for Excellence in Librarianship.

He is survived by his wife, Rochelle Lipkind, and daughters Erica and Lynne.

Contributions in Mr. Lipkind's memory may be made to a scholarship fund established at Columbia College, Office of Alumni Affairs and Development, 100 Hamilton Hall, New York, N.Y. 10027.



Robert R. Sokal

guages across Europe is related to gene patterns and blood groups.

Gaynell Stone, adjunct assistant professor, is guest curator for the Guild Hall's current exhibition on "The Montauk: Native Americans of Eastern Long Island." The exhibition runs through Sunday, March 10. Stone presented a gallery talk at the opening reception and will speak on "The Historiography of the Montauk" at a symposium on Saturday, March 9 in East Hampton.

Kay WalkingStick, assistant professor of art, will present a 15-year survey of her paintings at the Hillwood Museum, C.W. Post campus of Long Island University from March 13 to April 28. Her work is included in a group show, "The Psychological Image," currently at the Security Pacific Gallery in Seattle, Washington, through March.

Jonathan Levy, professor of theatre arts, **Harvard Lyman**, associate professor of cellular and developmental biology, and **Michael Zweig**, associate professor of economics, have been selected for 1991 President's Awards for Excellence in Teaching, honoring faculty members for their exceptional commitment to and success in teaching at Stony Brook.

Justo Cedpeda, **Roberto Delgado**, **Carmen Diaz**, **Marisol Diaz**, **Connie Gallo**, **Mat McKinley**, **Angelica Rodriguez**, **Alicia Capello** and supervisor **Edna Loeffler**, the custodial staff of the Administration building, were honored with the "Best Building Award" for the month of December. The custodial staff of the Psychology A building was recognized with the award in January. Supervised by **Julianna Feka**, the staff includes **Eugenio Marte**, **John Fracclivieri**, **Lucille D'amato** and **Michael Levix**. The award is presented each month by Vice President for Campus Services Harry P. Snoreck to recognize outstanding service by west campus custodial staffs.

Bulent Arel, 71, professor emeritus of music, died on Nov. 24 at University Hospital, following a long illness.

Professor Arel taught at Stony Brook from 1971 until his retirement in 1989. As composer and teacher, he was a pioneer in the field of electronic music, founding Stony Brook's Electronic Music Studios.

Born in Istanbul in 1919, he studied composition in Ankara and sound engineering in Paris before coming to the U.S. in 1959. Before coming to Stony Brook, he taught at Yale and Columbia universities.

A memorial concert by the New York Consort of Viols was held in honor of Professor Arel on February 28 in the Staller Center for the Arts Recital Hall.

Caring for the Caregivers

Long Island Alzheimer's Disease Assistance Center provides ongoing support groups to help families cope

by Lory E. Bright-Long

In the December 1988, issue of the *Journal of Psychiatry*, the Task Force on Alzheimer's Disease published a very positive statement about the role of psychiatrists in the treatment of some aspects of dementia, particularly the relief of the burden felt by caregivers. In the editorial in that



Lory E. Bright-Long

journal, the Task Force even went so far as to say that when it came to the treatment of the patient-caregiver unit, not the patient alone, the disease could be viewed as treatable.

As a geropsychiatrist working with large numbers of individuals and families touched by the tragedy known as Alzheimer's Disease, I felt uplifted. This editorial was published

at a time when social policy was demanding increasing home care for chronically ill older adults and research was gloomily recounting how stressful caregiving in the home can be.

By 1990, articles appeared in the literature which told us that caregivers do in large measure adapt to the stress of caregiving and that some actually flourish. A study done in Cleveland pointed out that the initial period of caregiving was the most stressful, and it was at that time the caregivers were most vulnerable to the mental health effects of caregiving.

While all this writing was being done across the country, New York was establishing the eight Alzheimer's Disease Assistance Centers throughout the state. These centers were legislatively mandated to provide diagnostic centers to evaluate people with dementia and to provide education for professional and nonprofessional caregivers.

The staff of the Long Island Alzheimer's Disease Assistance Center (LI-ADAC), within the Center for the Study of Aging in the Department of Psychiatry, has a special interest in the burden of caregiving for the family members we encounter.

We mused that if we could address the underlying insecurity of caregiving we might have something. We also knew how much help the Alzheimer's Association support groups have been to many family members, but that a large

percentage of the family members seen in our evaluation center had never become active in an ongoing support group.

How could this be? These support groups are a wonderful resource and we couldn't let that go untapped. There seemed to be many reasons why families didn't take advantage of the groups, some practical, given the shortage of time and energy. There seemed also to be a hesitancy to become involved in the groups and a lack of basic information which would have enabled family members to ask questions or gain from other peoples' knowledge. From this grew an active, ongoing program called "Caregiver Tips and Practical Help," co-sponsored by LI-ADAC and Southside Hospital.

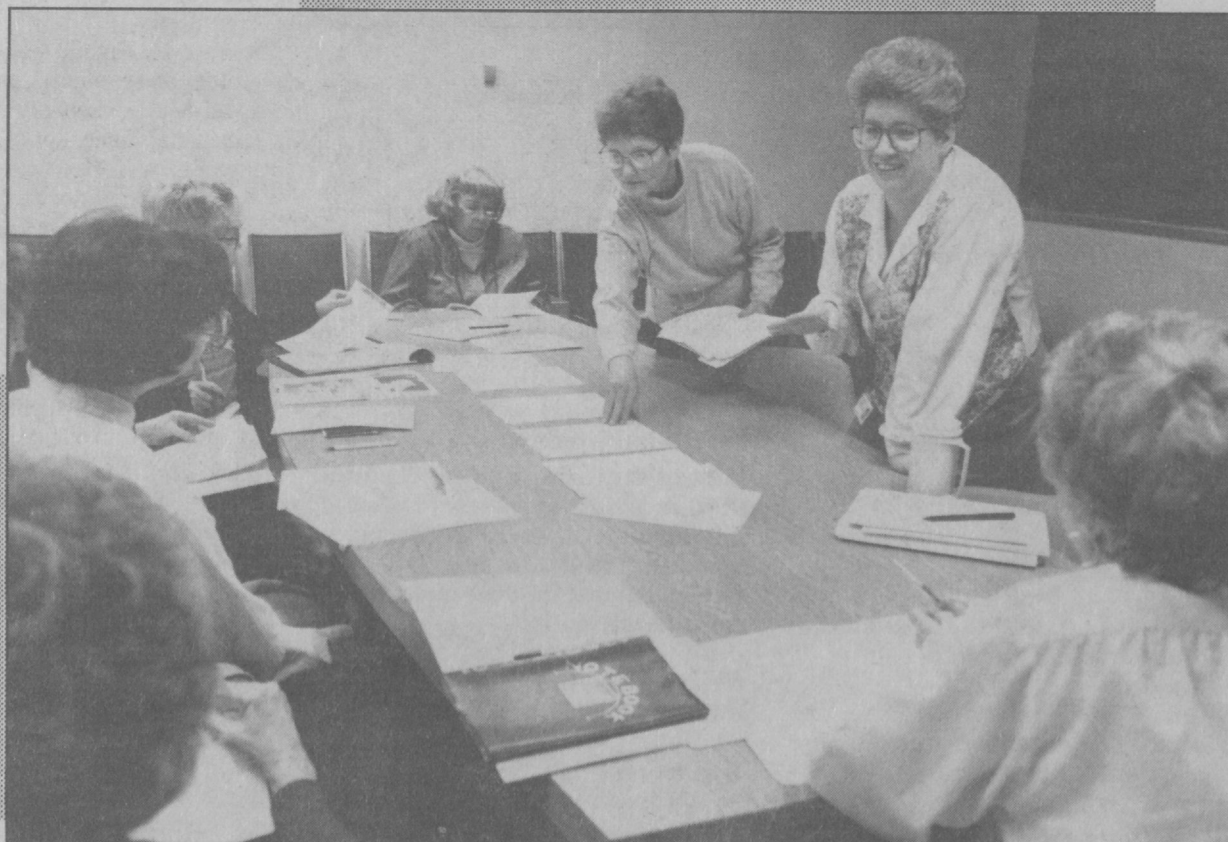
The staff provides a foundation of knowledge of the disease, disease course, available options, and existing community support systems. The participants become members of a learning group and begin their own exchanges of experiences and coping skills. After this participation, we have found that they are more likely to seek out community support groups. We have been monitoring burden/stress levels of participants throughout the program and then several months after, and have found that there are significant reductions in some areas of caregiver burden. We have also been more successful in referring families to existing support groups.

We are always hoping to find people who are early on in the caregiving role, since this is such a time of stress and family upheaval. We also would like to help families at any time in the caregiving course.

If any of the readers themselves are interested or know of someone who might benefit, there is an open invitation to take part in "Caregivers Tips and Practical Help." The groups are running about every six weeks, are free of charge (supported by a New York Department of Health grant), and are held in various locations on the Island (Stony Brook, Southside, and other community locations). All inquiries are happily accepted at the LI-ADAC office (516) 444-1365.

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Lory E. Bright-Long, M.D., is assistant professor of psychiatry and director of the Long Island Alzheimer's Disease Center and Geriatric Evaluation Service.



Lenore Heller, nurse educator, shares suggestions on caregiving with family members and friends of Alzheimer's Disease patients at a meeting in the Health Sciences Center in January.