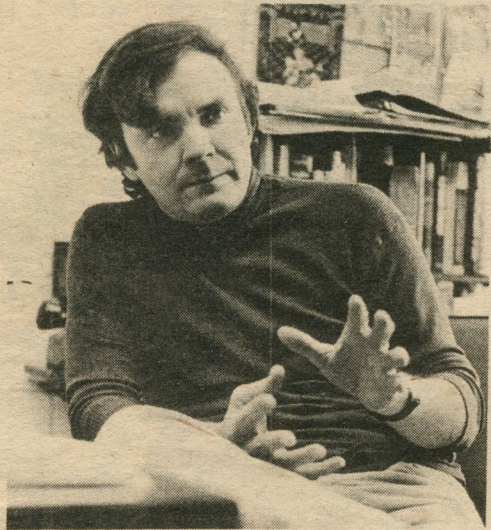


Stony Brook PEOPLE



Dr. Owen to speak at Alumni College Day (story p. 9)

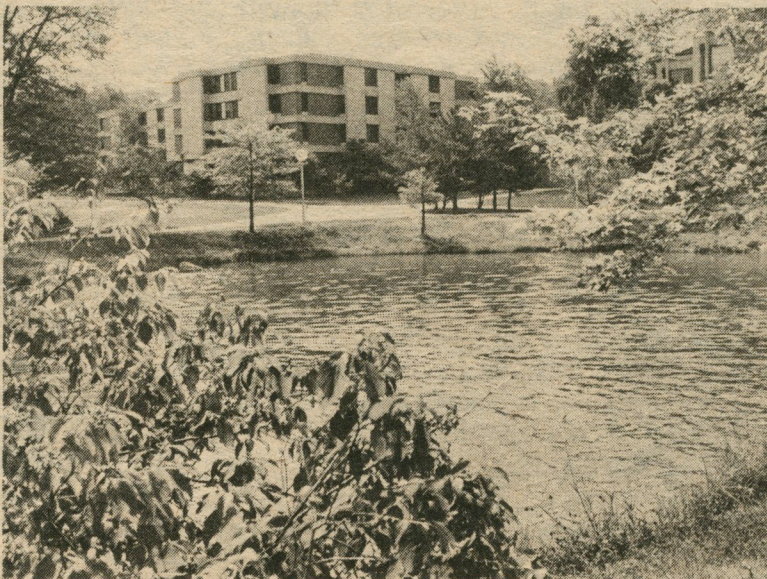


photo by Maxine Hicks

Beauty takes shape on campus (story pp. 6-7)

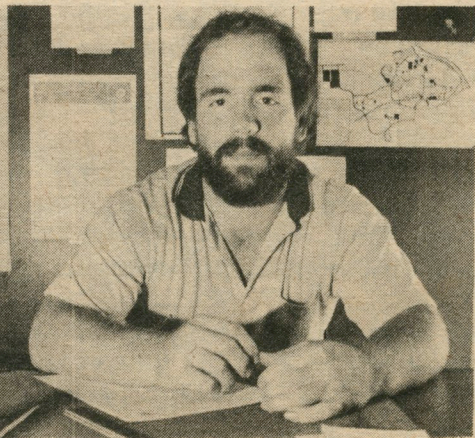


photo by Steve Grillo

Polity president speaks out (story p. 12)



Patriots kick off new season (story p. 8)

Shellfish industry may harvest researcher's findings

When the larvae of bivalves—such as clams, mussels and oysters—are transported by nature or man to new waters, most do not survive in the new environment. A researcher in the Department of Ecology and Evolution discovered a reason: The tiny offspring die, he says, literally, from metabolic "burnout."

Dr. Richard Koehn, dean of biological sciences, found links between genes and metabolism indicating that death of immigrant bivalves is related to their energy needs.

In studies Dr. Koehn has done on larvae of bivalves carried from the Atlantic Ocean to the Long Island Sound, the evolutionary geneticist found that the organisms die because their cellular biochemical activity, determined by their genes, is maladapted to their new environment, resulting in an imbalance in their metabolic rate. This gene-directed energy consumption all happens too fast, too soon, and so the infant bivalves essentially "burnout."

Dr. Koehn's work provides measurable information on how genetic variation is reflected in biochemical variation, and thereby helps to clarify the difficult questions about how genetic materials are functionally organized.

Dr. Koehn's quest to find answers about the nature of genes that contribute to reproduction and survival in different species led to a discovery. He and colleague Dr.

Sandra E. Shumway discovered that oysters with higher heterozygosity were energetically more efficient. They used oxygen at half the rate of those that are more homozygous, and they received more benefit from food. His information points out that fitness and survival are determined not by numbers of genes, but rather by their variety. More heterozygosity stimulates a more efficient metabolism resulting in a more vigorous organism.

"This changes our view on how genetic material is functionally organized," Dr. Koehn said that the new data on the relationship of genetics and the biochemistry of energy production may also explain energy variables in individual organisms of all species, including humans.

"It begins to answer such questions as why it is that I can eat ten calories and get the benefit of nine, while you eat ten and benefit from only two."

Determining how genetic variation ultimately affects energy is a "mapping problem," Dr. Koehn explained. It involves the interrelationship of the genes, the enzyme products of the genes, and enzymes, and an assessment of the impact of this biochemical activity on the overall physiology of an organism.

Dr. Koehn said this new information can have very practical commercial applications for the shellfish industry.

"The shellfish industry does a lot of transplanting of juveniles, such as seed clams, in the hopes of increasing the shellfish population for commercial harvesting, even though they know the vast majority of these tiny creatures will not grow, reproduce or survive."

Dr. Koehn continued, "Yet, some immigrants to different waters, having the right genes, could get what they need from the new environment to survive. Our research now gives us the ability to determine more accurately which shellfish genotypes can be more successfully transplanted."

"Obviously, in order to produce the offspring you want to harvest, you must choose the right parents. We can

determine the genotypes that could produce strains with higher growth rates, as is presently done in commercial plant crops. In theory, this means that without any change in facilities, a commercial clam or oyster industry could greatly increase production of cultured animals simply by choosing the right parents."

Dr. Koehn, author of numerous scientific papers in his field, received his Ph.D. degree in zoology, specializing in genetics and evolution, from Arizona State University in 1967. He has been on the faculty at Stony Brook since 1970.

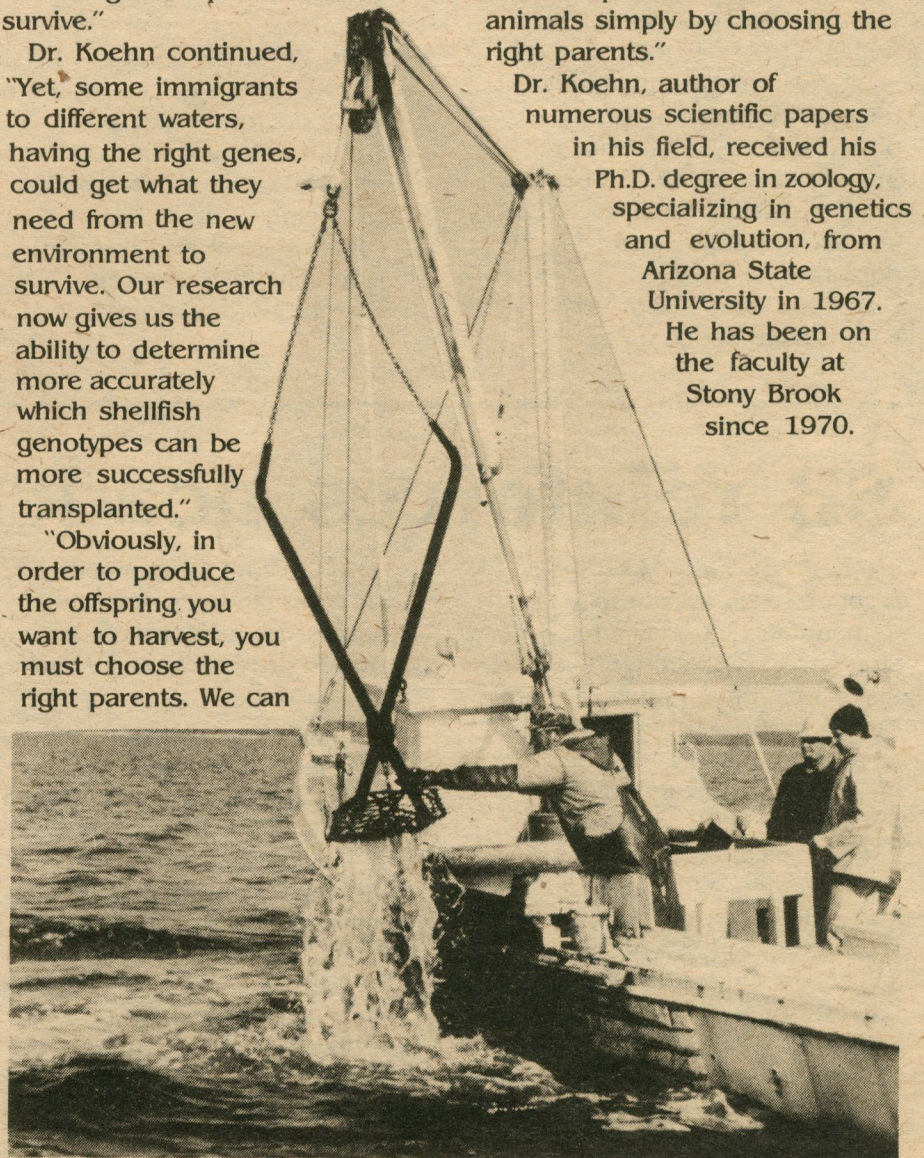


photo by Dr. Robert Malouf

Campus welcomes new provost, VPSA

They're both 39 years old, about the age of Stony Brook's oldest alumni: Two top administrators in a new generation of leadership on campus this fall.

Dr. Homer A. Neal, until August the dean for research and graduate development at Indiana University in Bloomington, was named the new provost at Stony Brook. Dr. Frederick R. Preston, the former associate vice chancellor for student affairs at the University of Massachusetts at Amherst, is the new vice president for student affairs.

Dr. Preston's appointment was effective Aug. 1 and Dr. Neal's, Aug. 17, although both Dr. Neal and Dr. Preston visited the Stony Brook campus several times during late spring and early summer.

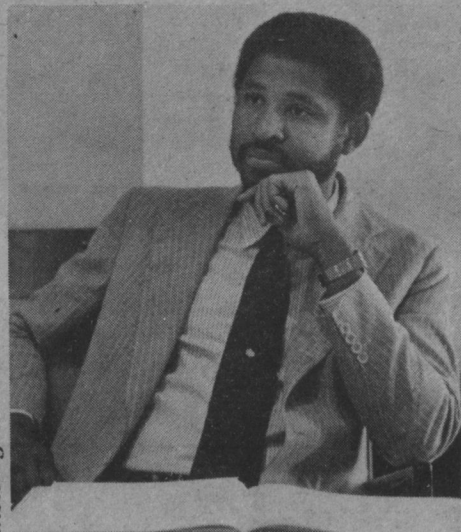


photo by Steve Ortillo



photo by Margie Shepherd

Provost to oversee academics

The title of provost is a new one for the chief academic officer at Stony Brook. It was called "academic vice president" until an academic reorganization plan was implemented.

Dr. Homer Neal succeeds Dr. Sidney Gelber, who had been academic vice president and then provost since 1971.

The provost, as chief academic officer at Stony Brook, oversees the development, administration and evaluation of academic programs and policies for the 16,300-student campus. The provost is also responsible for budget allocations for instructional and departmental research and academic support service.

Dr. Neal's appointment as provost was recommended by a 17-member faculty search committee headed by Stony Brook's Nobel Laureate C. N. Yang. The committee, in its report to President Marburger, said, "It is clear to us that Dr. Neal is one of the ablest of the younger deans in the United States."

Dr. Neal, an internationally recognized high energy physicist, had been dean at Indiana since 1977. He became a full professor there in 1972, just six years after receiving his doctorate.

Dr. Neal said, "I am very enthusiastic about my

nomination and I'm looking forward to joining the academic community at Stony Brook. I plan to dedicate my efforts to preserving and strengthening the traditions in the research and academic programs."

Dr. Neal received a B.S. degree in physics at Indiana in 1961, an M.S. in physics at the University of Michigan in 1963 and a Ph.D. in physics at Michigan in 1966. He returned to Indiana in 1967 after spending a year as a National Science Foundation Postdoctoral Fellow at the European Organization for Nuclear Research (CERN) in Geneva, Switzerland.

His research accomplishments have been recognized by a Sloan Fellowship in 1968, an appointment as visiting scientist at the Niels Bohr Institute of the University of Copenhagen in Denmark in 1974, a Guggenheim Fellowship in 1980-81 and membership on the National Science Board since 1980.

Dr. Neal remembers the Stony Brook campus from visits in 1965, when he was doing a year's doctoral study at Brookhaven National Laboratory and the Stony Brook campus was being formed.

Provost Neal and his wife, Jean, have two children, Sharon, 17, and Homer, Jr., 13.

Preston comes back to L.I.

Dr. Frederick Preston, a former Long Island resident, had been the second-ranking student affairs official at the 24,000-student campus of the University of Massachusetts at Amherst—the largest campus in the University of Massachusetts system—for five years.

He succeeds Dr. Elizabeth Wadsworth, Stony Brook's vice president for student affairs since 1971. He is responsible for student services including campus housing, admissions, financial aid, orientation, records and registration, the Stony Brook Union, counseling services, career development, special student programs and international student affairs.

The new Vice President for Student Affairs grew up in Nassau County, graduating from Lawrence High School in 1961.

"My school days at Lawrence really meant a lot to me," Dr. Preston said in a recent interview. "Long Island contributed a great deal to me and I'm looking forward to making some return contributions working with Stony Brook's vibrant, active student body."

Dr. Preston received a bachelor's degree in business administration-marketing from the University of Hartford in 1967. He earned an Ed.D. degree in curriculum development and humanistic and urban education in 1971 from the University of

Massachusetts School of Education and had been associated with UMass. until his appointment at Stony Brook.

Dr. Preston has been an assistant professor in the UMass. School of Education since 1971. From 1972 until becoming associate vice chancellor in 1976, he was special assistant to the vice chancellor for student affairs. The special assistant also served terms as associate director of the Office of Community Development and Human Relations, and acting director of the Student Development Center.

In 1979-80, on a one-year leave from his associate vice chancellor position, Dr. Preston was the university's acting associate vice president for academic affairs. In 1979, he was elected to a continuing position as member consultant of the NTL Institute for Applied Behavioral Sciences, one of the nation's leading management consulting organizations.

Dr. Preston and his wife, Lita Joy, have one daughter, Lisa-Joy, 15. Mrs. Preston, a high school mathematics teacher for 17 years, is currently embarking on a new career in engineering, and working on a degree in chemical engineering with a concentration in polymer science at the University of Massachusetts.

SB reinforces academic excellence

Stony Brook has always been recognized as a University demanding high academic standards of its students. Steps taken recently emphasize that the Stony Brook commitment to academic excellence has increased. For example, from September 1978 to September 1981, the campus has:

- reinstated a "Dean's List"
- set minimum academic standards
- reestablished academic requirements for proficiency in written English, math and a foreign language
- founded Sigma Beta, a Stony Brook freshman honor society
- started an early notification

program for highly qualified entering students, with the highest ranking designated "University Scholars," receiving scholarships.

"Students committed to serious academic work recognize and appreciate high standards," said Dr. Arnold Strassenburg, acting vice provost for curriculum and instruction. "They will choose to come here because they want to be in a place that has these high academic standards."

"The better the student, the better the teacher performs," said Dr. Anthony Rizzuto, an advisor to the early notification

program. The Professor in French and Italian continued, "When you don't have demands put on you, you get intellectually soft, and that goes for both students and faculty. I think President Marburger should be congratulated for his emphasis on high academic standards."

The Dean's List was adopted by a resolution of the S.U.S.B. Senate in May 1981. It authorizes each campus dean to institute a Dean's List. To be eligible, students must have completed at least 12 credits for letter grade in the semester; have no incomplete, unsatisfactory, no-record, no-credit or failure ratings; and

be in the approximately top 20 per cent of their class.

Stony Brook had a Dean's List in its first decade.

Additional academic requirements for freshmen were set in September 1978. In order to graduate, students matriculating after that date have to demonstrate their proficiency in written English, mathematics and a foreign language. Additionally, they are required to take a minimum of 12 credits (instead of six), in each of the major fields of knowledge—humanities and the arts, social sciences, and natural sciences and mathematics.

(Continued on page 3)

Vandalism gets a beating on campus

A year ago, finding broken light fixtures or missing fire extinguishers on campus was not a difficult task.

But this year, due to increased efforts by students and administrators, vandalism has decreased.

In fact, repair costs for damages such as broken glass, pulled-out fire alarm boxes, thermostats, door knobs and railings, and broken parking lot lights are down approximately 66% from comparable figures a year ago.

The most dramatic sign that vandalism is coming under control surfaced when comparison figures were compiled for the ten-day period preceding commencement. Historically, the peak period for reported vandalism incidents on campus, the May figures for 1980 showed destruction attributable to vandalism totalling \$5,255. A year later, the cost of vandalism was \$570.

After campus vandalism escalated in early 1980, the Stony Brook Council brought students, faculty and administrators together to examine the problem and propose solutions. These "town meetings" continued after President Marburger's arrival several months later. Steps have been taken to improve the quality of life on campus with an emphasis on individual responsibility.

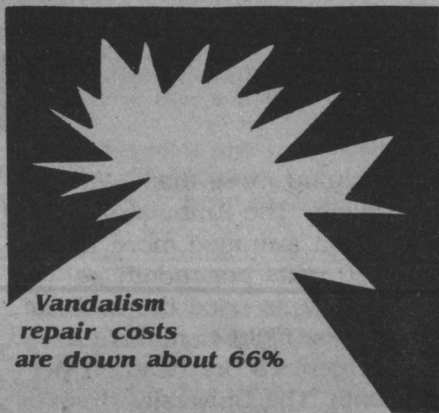
Some of the measures taken to give students more input into campus maintenance and increase their sense of pride in the dormitories are:

Initiation of a residential improvement program—Students make proposals for the physical improvement of dormitories. After receiving approval by the residence life staff, students are equipped with paint and supplies needed to accomplish the job.

Rehabilitation of dormitories—Residence Life and Physical Plant staff have set up a scheduled rehabilitation program for renovating older dormitories. The work includes painting, replacing old carpeting with floor tiles, and corridor lights with "vandal resistant" fixtures.

Acquisition of new furniture—A committee of students and staff members determine which furniture should be acquired and take mutual responsibility for its upkeep.

Increased sanctions—Students found to have committed acts of vandalism are immediately suspended from residence halls and disciplined, as appropriate, for criminal violations and/or infractions of the University Student Conduct Code.



Expansion of student dorm patrols—Residence life staff and student leaders work with the Department of Public Safety to prevent vandalism and other crimes. A 30-member student Dorm Patrol covers dormitory areas and parking lots nightly. Volunteer dorm patrols have been set up by students themselves in individual dormitories.

"We all feel that student participation in the creation of their living environment is the most important aspect of

curbing vandalism on our campus," said Jerrold Stein, acting director of residence life.

Residence hall directors are also addressing the problem through a comprehensive orientation and training program which covers maintenance and other facilities-related issues. Workshops on recognizing and dealing with behavioral problems that lead to vandalism, such as drug and alcohol abuse, are also offered.

Dr. Hugh Cassidy, interim director of public safety, underscored the importance of vandalism control on campus, especially when "destruction of

public property is a national concern." Citing recent figures from the U.S. Senate Sub-Committee on Juvenile Delinquency, Dr. Cassidy said, "Vandalism costs American taxpayers more than \$500 million a year."

The successful control of vandalism at Stony Brook has attracted local attention. An editorial in *The Three Village Herald* stated, "The University should be applauded for its efforts and entreated to offer its aid to the community at large."

SB Council members for the eighties

A Hempstead physician and an attorney from Bay Shore have been named to the Stony Brook Council, appointed by Gov. Hugh Carey to terms running through the end of the decade.

Dr. Greta M. Rainsford, a pediatrician, succeeds Peter J. Papadakos of St. James. Dr. Rainsford was appointed to a term running through June 30, 1990. Aaron B. Donner, senior partner of the Donner, Fagelson, Hariton & Berka law firm in Bay Shore, has succeeded Nassau County Treasurer John V. Scaduto. Mr. Donner's term ends in June, 1989.

The Stony Brook Council is the 10-member local governing board for the Stony Brook campus.

Mr. Papadakos, who heads the Gyrodyne Corp. in St. James, had served on the Council for 15 of the 19 years since the campus was established, the longest tenure

ever held by any Council member. Mr. Scaduto had been a member since 1971.

Dr. Rainsford has been a pediatrician in private, solo practice in Hempstead since 1965. She is a Diplomate of the Board of Pediatrics and a Fellow of the American Academy of Pediatrics, and is affiliated with Mercy Hospital in Rockville Centre, Nassau Hospital in Mineola and the Nassau County Medical Center in East Meadow, serving as Director of the Medical Center's Sickle Cell Clinic. Dr. Rainsford is also a member of the Hofstra University Board of Trustees.

Mr. Donner is the former legislative and administrative aide to Congressman Otis G. Pike and former chief counsel to the U.S. House of Representatives Select Committee on Intelligence. He is general counsel to the Long Island Home, Ltd. in Amityville and also general counsel to the Suffolk Child Development Center in Smithtown.

Academic excellence reinforced on campus

(Continued from page 2)

New academic standards, begun with the September 1981 semester, are based on quantity—the number of credit hours taken—and on quality—grade point averages (GPA) achieved each semester.

"Until now, we've had no quality standards for freshmen and sophomores," said Dr. Strassenburg.

Students will be required to take a minimum of 12 hours per semester, and freshmen must pass at least nine of them; earning a GPA of at least 1.20.

Sophomores must earn a 2.0 in a particular semester, or a

cumulative 1.60 by the end of each semester of their second year.

"This means that if a freshman had a disastrous semester but picked up in the next one, he or she could still stay on as a Stony Brook student. We'll ride on the cumulative average," Dr. Strassenburg explained.

Juniors will be required to have a 2.5 GPA as a semester requirement, with a cumulative minimum of 1.80. Seniors have to earn a per semester GPA of 2.5 with a 4-year cumulative GPA of 2.0.

To recognize freshmen with outstanding academic records, a local honorary society for freshmen, called Sigma Beta,

was founded in April 1979. To be eligible for membership, freshmen must earn a GPA of 3.5 or better by the end of their first semester at Stony Brook. More than 600 students have earned Sigma Beta status since its founding.

The honor society provides a tutoring service and arranges socio/cultural programs for the campus.

The latest measure to underscore Stony Brook's commitment to academic excellence is the establishment of an early notification program. It is designed for exceptional applicants seeking admission to the freshman class. The program includes special early

academic advising, prompt estimate of financial aid eligibility and guaranteed housing in the quad of the student's choice.

From among this group accepted for early notification are the university scholars, students designated as the most highly qualified. Most are in the top 5 per cent of their classes. Each University Scholar is awarded a \$500 Hall Scholarship, an award named after Cecil B. and Claire B. Hall, the late Setauket philanthropists who funded the endowment. Each university scholar who maintains academic achievement is eligible for renewal of the scholarship yearly for a total of \$2,000.

University Hospital... from promise to reality

On July 31, 1981, shortly after noon, triplets weighing a total of nearly 12 pounds were born to a 23-year-old mother who normally tips the scales at only 100 pounds. Because the discovery that she was carrying triplets placed her pregnancy in the high risk category, her obstetrician, a Huntington physician, arranged to have the delivery take place in the University Hospital at Stony Brook. The Hospital is now a Regional Perinatal Center, with a well-established reputation, earned in less than a year, for high risk pregnancy and delivery care.

...

Last February, a headline in *Newsday* proclaimed "Kidney Transplants Off to a Start on Long Island." A University Hospital surgical team, led by Dr. Felix Rapaport, a surgeon/researcher who is president of the International Transplantation Society, transferred a kidney from a 21-year-old man to his 27-year-old sister. This was the first Long Island kidney transplant, a sophisticated procedure involving complicated screening, tissue-typing and surgical techniques. Stony Brook will be the Long Island site for organ transplants with the support of Dr. Rapaport, an expert on tissue compatibility.

...

Stony Brook was again in the news that month when rare orthopedic surgery was performed. Dr. Roger Dee, chairman of orthopedic surgery, implanted a five-and-a-half-inch bone from a cadaver into the right arm of a 20-year-old woman. The operation allowed the patient to use her arm for the first time since an auto accident two years before. The accident had destroyed part of the bone in her upper arm.

...

The University Hospital was designed to be a teaching and research center where medical procedures such as the cases mentioned, would be provided

by surgeons, physicians and health professionals with highly specialized skills. Services now or soon to be offered include:

- open heart surgery,
- organ transplantation,
- high risk obstetrics,
- a neo-natal intensive care unit,
- rehabilitation medicine,



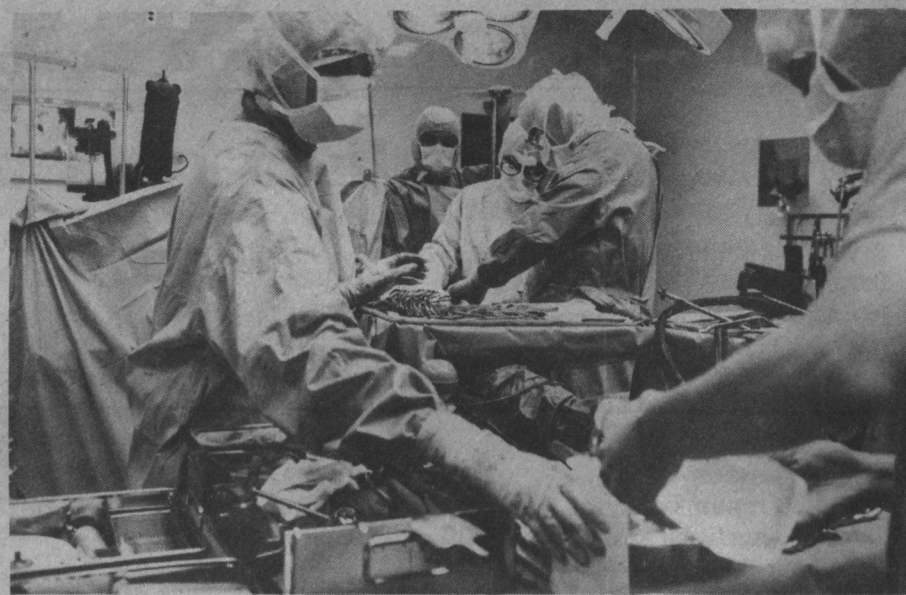
- eye pathology services,
- dialysis,
- burn therapies,
- orthopedic care,
- in-hospital sophisticated dental services, and
- specialty clinics for muscular dystrophy, neural tube defects, and diethylstilbestrol (DES) screening.

"Many of these medical and health services are at the doorsteps of residents of Long Island communities for the first time," said Michael Elliott, vice president for hospital affairs.

The University Hospital—part of the \$300 million Health Sciences Center begun a little over a decade ago—has been attracting attention on Long Island. This is not only due to the excitement it stirs as a new and sophisticated health care resource for the community and the region; but also for its unusual and eye-catching design. It has a futuristic aura with twin towers sheathed in brown glass, rising from a five level network base, shared with two other towers, the Clinical Sciences Tower and the Basic Sciences Building.

The Stony Brook medical complex does indeed project the dreams of its planners and developers to "lead this area medically into the 21st century." This tremendous resource heralds another gigantic step now well beyond promise into reality, in the University's mandate to generate and develop high quality services, sharing the benefits with the community.

The Hospital accomplished much in its first year, after opening with limited services on February 18, 1980. In-patient visits totalled 3,136, with a current daily census



An average of 70 procedures a week are performed by highly skilled professionals in the Hospital's operating rooms (above). The Hospital is quickly developing a reputation for success with high-risk pregnancy and delivery care (left). More than 800 emergencies are being handled per month (right). (photos by Media Services)



averaging more than 125 patients. The Ambulatory Care Pavilion averaged more than 2,400 visits per month as out-patients used the medical services. Eight hundred emergencies are handled per month. The University Hospital's three operating rooms now in use regularly handle a schedule of ten procedures a day.

By October 1981, 210 beds are expected to be in use. When functioning at capacity, the University Hospital will have 540 beds for patients in units that include Medical/Surgical, Transplantation, Burn, Obstetrics, Psychiatry, Pediatrics, and Medical, Surgical, Pediatric and Neonatal intensive care.

Other special features of the hospital range from mobile intensive care transport services to a specially designed computer system. With 200 terminals throughout the building, it is the most sophisticated hospital information system of its kind. The system is used for every aspect of the Hospital's functioning, from admissions, bills and medical records, to specific patient care assistance. For example, it can order laboratory tests and monitor a patient's condition in microseconds.

The hospital maintains a heliport adjacent to the Emergency Room. In late July, the hundredth patient to be transported by police or Air Force helicopter arrived at the University Hospital. The Hospital also owns a mobile intensive care vehicle for transporting critically ill patients.

The \$150 million University Hospital complex already

employs 1,300 people and has an operating budget of \$30 million yearly. A study done to assess the Hospital's economic impact reported that during the hospital's growth period—from 1974 to 1983—the cumulative impact-total on regional income will be approximately \$116 million per year.

The University Hospital also operates the County Health Center in Coram. It is the back-up hospital for the Community Health Plan of Suffolk (CHPS), a non-profit health maintenance organization (HMO). In addition, it runs the University Health Services, the campus infirmary.

The University Hospital works with community hospitals as part of its educational mandate. It arranges cooperative medical internships and residencies and offers continuing education to help community health professionals and physicians to meet license requirements.

Working with, for, and in the community, brings a human dimension to the hospital not only in its services to patients, but also in its "family" of workers. That's why a party can be found on Valentine's Day for the high risk infants and tots—former patients who had "graduated"—arranged by their nurses who had cared for them in the Neonatal Intensive Care Unit. The Hospital also recognizes an "Employee of the Month," and offers a free counselling service for its employees who may be having personal problems.

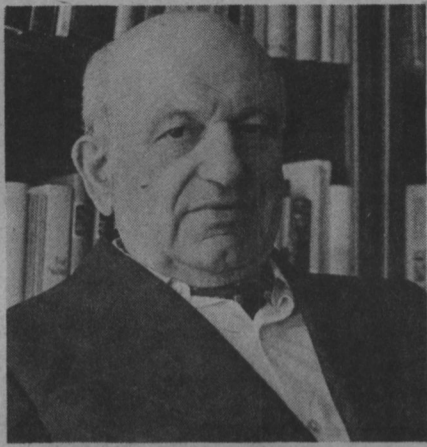
Stony Brook People

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Karst retires at 70

Roman Karst is half a year beyond his 70th birthday and the pace of his busy life hasn't changed a bit. He's had a busy summer, working in his flower garden in the village of Stony Brook, traveling to Europe and trying to sort out the office clutter, and the memories, that have piled up in his 12 years on campus.

Dr. Karst had already gained an international reputation as a critic, scholar and writer when he arrived in the United States in 1969 from his native Poland. In 1960, he had published the first book in the Eastern bloc recognizing Franz Kafka for his writing and philosophies that are now celebrated worldwide. But he could not remain at the University of Warsaw, he explained, because, "I don't like to teach where other people tell me what I must teach."

To the several books Dr. Karst has written on Tolstoloi and modern European novelists, including Kafka, Mann and Heine, he now plans to add two more.

Prof. Barbara Elling, who chairs the Department of Germanic and Slavic Languages and Literatures, praised Dr. Karst as "an outstanding member of this faculty...He will be missed."

Sandy Petrey, dean of humanities and fine arts, wrote of Roman Karst: "It is both sad and rewarding to look back over your outstanding contributions during your years at Stony Brook. Your literary erudition and commitment to a European cultural tradition have been an inspiration to many of us at the University, especially those of us who have pretensions toward literary scholarship."



Elkin grew with library

Betty Lee Elkin is retiring in October from her job as "a problem solver." It's formally called "circulation librarian" but she has spent most of her time, the past 14 and a half years, solving problems "both procedural and personal" at Stony Brook, she said.

As an expert at solutions, she has thoughtfully arranged to depart the Frank Melville, Jr. Memorial Library staff in mid-semester. "Everything is hectic at the beginning and the end of each semester," she explained.

Elkin, 62, has already left her Port Jefferson Station apartment and is living temporarily with a sister in Setauket. She'll travel this fall with the aim of reaching her retirement home in Tucson, Ariz. in January. Has she picked out a home yet? "The hell I have," she said with a shrug, laughing and showing a bit of the independence and adventuresomeness her

Retirees join distinguished ranks

In the first 23 years after the founding of the University, only ten faculty members had acquired enough time and credit to retire.

But this year, a record number—six—are joining the list. Profs. Roman Karst and Daniel O'Neil have left the Department of Germanic and Slavic Languages and Literatures; and Betty Lee Elkin and Roberto Ravelo are retiring from the library staff. Also retiring this year are Simon Karasick of the Department of Music and Edward C. Lanning of the Department of Anthropology.

They join a distinguished roster of former faculty members. Stony Brook's first retirees are Prof. John Newfield of the Department of Theatre Arts and Prof. Lynette Brugmans of the Department of French and Italian. They retired in 1975, 18 years after the first classes of the new University had met in the campus at Oyster Bay.

The eight professors who retired between 1975 and 1981 are: Distinguished Professor H. Bentley Glass, biology, and Rudolph Wildenman, political science, 1976; Annie Mae Walker, Africana studies, 1977; James Hagen, chemistry, 1978; Burghardt Turner, history, and Charles Hoffmann, economics, 1979; and G. Norman Laidlaw, French and Italian, and Leopold Castedo, art, 1980.

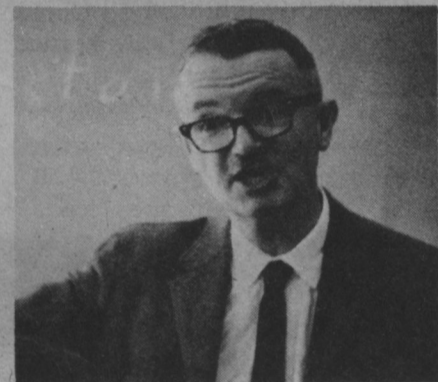
Edna K. Owens, assistant to the provost, took a look ahead at the request of *Stony Brook People*. She found that the 1981 "class" of retirees is likely to remain the largest for a few years. Only three faculty members are preparing to retire in 1982 and four in 1983, she said.

colleagues have come to admire.

When Betty Elkin came to Stony Brook, the library was a small structure about to be surrounded by a new, much larger building. "We had 300,000 volumes then; now we have over a million," she said.

Elkin's happiest times, she said, have been as a teacher. She has overseen the training of students and clerical personnel and helped Stony Brook staff members study for promotion exams.

Miss Elkin believes that living in Arizona will help her satisfy her lifelong fascination with Mexico and Latin America. And she's talking about taking up macrame and astronomy. "And," she said, "reading, of course."



O'Neil returns Upstate

Daniel C. O'Neil celebrated his 65th birthday in July, enjoying the luxury of having only light concerns—garden pests on his prized tomato plants and getting over the self-consciousness of using his senior citizens half-fare card on the Binghamton buses.

One of Stony Brook's faculty veterans, he was at Oyster Bay in 1960.

"That was the golden age," he said with a sigh. "It (1960) was a marvelous year. We had a sense of intimacy and shared purpose.

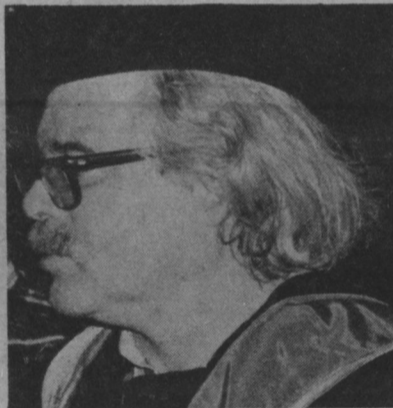
Some people, at the time the move to Stony Brook came, said, 'Let's refuse to go.' But what they failed to recognize was that if we had stayed, we would have transformed that lovely estate, and the 50 years of trees, into what Stony Brook had to go through."

Dr. O'Neil said, "The last couple of weeks at Stony Brook, I was just on the edge of tears. It was a great, wrenching experience. But I'm very happy now that I'm here."

"Here" is Binghamton, where he was born. He earned degrees at Cornell and taught at the universities of Massachusetts and

Vermont before joining the initial faculty at Oyster Bay. His specialty was 20th century German literature, but he drifted into administration and served awhile as an assistant dean.

Eventually, O'Neil thinks he will do volunteer work, especially with adult illiterates.



Lanning leaves memories

Edward P. Lanning is trying to decide whether he will go "back home" to California or remain in Manhattan in his retirement.

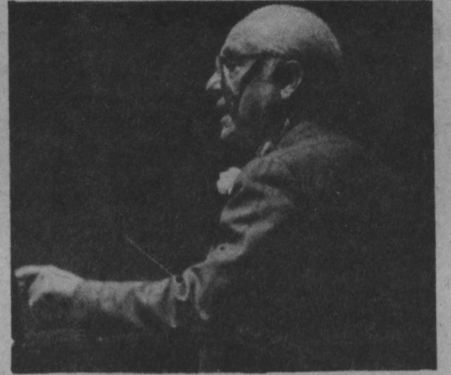
A native of Michigan, he spent a decade earning his degrees (Ph.D. in 1960) at the University of California, Berkeley. He taught at Columbia University nine years before joining the anthropology faculty at Stony Brook in 1972.

There is still much of Prof. Lanning at Stony Brook. His extensive collection of native South American sculpture is in storage in the Graduate Chemistry Building. He spent 55 months in the country on archaeology trips.

But Prof. Lanning is most alive at Stony Brook in the memories of his former colleagues and students. Gaynell Stone Levine, a teaching assistant and doctoral candidate, remembered him as "an inspiring lecturer."

Dr. Lanning smiled at that. "My best memories of Stony Brook are of the classroom. I never used notes. There was always a student to help stimulate the discussion."

Both faculty and students also remember him as being "demanding," perhaps more of himself than of others. His indepth research and scholarly production included two books. Now, ill health has forced him into early retirement as his 51st birthday nears.



And the band plays on

There was no Fine Arts Center in 1966 when Simon Karasick came to Stony Brook to recruit a University Band. And so the former concert trombonist took his undergraduate students and other campus community volunteers to a garage off Daniel Webster Drive.

For 15 years, as the University Band became a tradition, Simon Karasick was its sole director. Few members were music majors, and that presented a challenge Karasick enjoyed meeting each new academic year. He is proudest of the large number of former students who are now professional performers, spread from Texas to New York, from Denver to Pittsburgh and even to Venezuela.

A bouncy, youthful 70-year-old, Simon Karasick remains in his Jamaica home, tending his house plants and outdoor garden.

In September he will return to a limited schedule of teaching—at Queens College. The time freed by retirement from Stony Brook will be replaced, Karasick hopes, by recording. He wants to assemble a group of professional musicians whom he will direct.

Not far from his mind, however, will be the University Band, which he founded and made a large part of his life for so long.



Duo retires American way

Roberto and Maria Ravelo vowed at their wedding on Sept. 5, 1944, to share the good and the bad. And now they are sharing a new turn in their lives. They are retiring to what they hope will be the life of pensioned Americans.

Such a time was not possible for them to foresee on the day in 1961 when they fled Castro's Cuba with a hollow promise—to return within 30 days—and 10 pesos (less than \$1). They left behind Roberto's position as a provincial court justice. But with them went their two sons and determination to start new lives even though they were already in their 50s.

Dr. Ravelo was able to arrange for permanent visas in the United States. He did social work in Florida and earned a scholarship that led to a master of library science degree in 1965 at Emporia (Kansas) State University. At age 55, he started his new career at the Sterling Memorial Library at Yale University.

In March 1969, Dr. Ravelo came to Stony Brook, and both he and Maria began work at the Frank Melville, Jr. Memorial Library. He attained tenure as associate librarian and senior cataloguer; she, working part-time at first, retires as a technical assistant.

The Ravelos will stay with a son in Miami Springs, Fla.—still together, still sharing.

Stony Brook campus beauty is showing...

First came the buildings. Almost one hundred of them have been raised in the fields where Nicolls Road ends at Route 25A.

And with them came the giants of construction—cranes, and mammoth trucks to carry and position the thousands of tons of bricks and steel beams.

Their muddy marks did nothing to improve the appearance of the Stony Brook landscape they were helping to shape into a modern university campus.

Now most of the construction is finished, and the wide, barren paths maintained for the behemoth vehicles of construction have been reclaimed by foliage. The pastures marked with ruts created by 18-wheel trucks have been turned into lawns and planted with shrubs and trees.

During the past two seasons, the Stony Brook campus has taken on a look of completion. More than 2,000 shrubs and plants have been planted. This year's list of new stock reads like a nursery's inventory: "20 American arborvitae (higra), 5



George Peabody Golden arborvitae, 150 Andorra junipers (3-3½ feet), 15 douglas firs (5-8 feet), 10 Canadian

hemlocks, 300 Wiltoni Blue Rug junipers..."

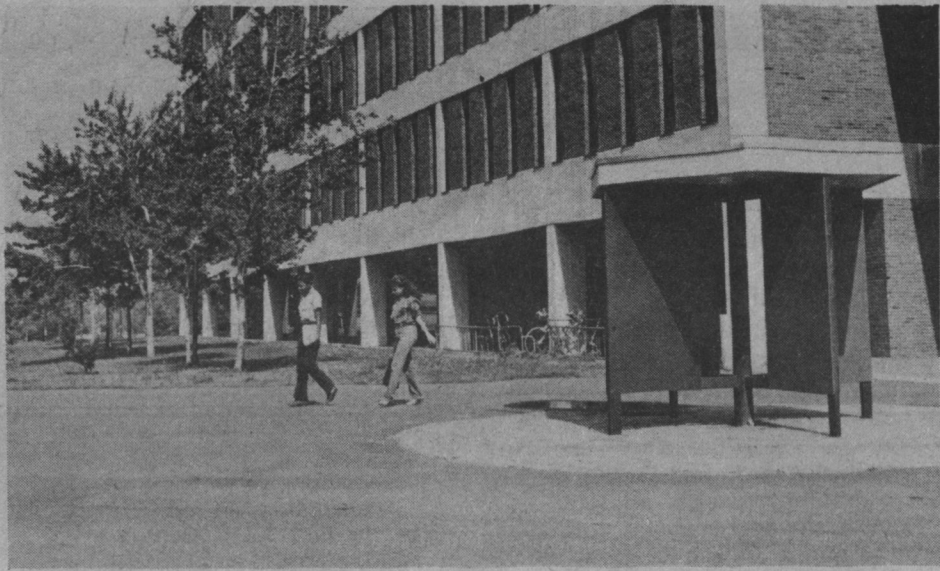
Physical Plant crews have been seeding acres of lawn; constructing sitting walls in bus-stop areas where shortcutting travelers overwhelmed each annual crop of grass; erecting kiosks to serve as bulletin boards in the central academic mall; replacing hard-to-maintain wooden benches with sleek, modern concrete models; and placing throughout the campus black pines, yews, holly, spruce and other greenery.

First came the buildings, and then the beauty.



The central academic mall (at top) is dotted with trees, shrubs, grassy knolls and benches. The University's newest residential area (above) is an apartment complex which provides a cozy atmosphere for graduate students, health sciences students, married students and families. Taking advantage of the sunny weather this summer, the Student Co-op operated an open cafe (above right) outside of the Union. Art projects (left and right) add some contrast to the buildings on campus and give students a chance to display their accomplishments. (photos by Michael Petroske)





As part of the beautification process, kiosks (left) have been erected in the central academic mall to serve as bulletin boards. Students may now relax on the sitting walls (right) that have been constructed outside the Union.
(photos by Maxine Hicks)



...And still growing

While building crews are not popular, the university is still expanding. In fact, more than \$40 million in new construction is scheduled to be done.

Greater than half of that—\$22 million—will be for a new home for the School of Dental Medicine at the Health Sciences Center. The design has been completed and the project awaits the sale of state bonds—projected for this fall.

A second major project, a proposed field house, accounts for \$10 million of the total. The State Legislature appropriated \$890,000 for the design this spring.

Already under construction or completed this summer are six projects worth \$3.4 million. An additional \$13.9 million is estimated for 15 projects awaiting or under design, and \$776,000 has been allocated for six projects in the bidding process.

Sanford M. Gerstel, assistant executive vice president, said construction of the Dental Medicine building and the field house could begin in 1982 if the funding processes are concluded.

The new dental building will include 89,000 square feet for teaching laboratories, research facilities, faculty offices and patient care. The four-story building will be connected by exterior walkways to the University Hospital on the fifth level and to the Clinical Sciences Tower on two levels.

Construction is estimated to require 2½ years, he said. The present dental facilities at South Campus will be utilized until the new building opens.

Design is expected to begin soon for a field house. This building will triple the indoor space now available for athletic facilities.

Located near the present gymnasium, the field house will be available not only for sports events and physical education but also for large gatherings. Mr. Gerstel said the University has projected a design that would allow seating for as many as 7,500 on the building's 43,000-square-foot clear central floor area. That same space would also be useable for five basketball or tennis courts simultaneously.

The \$10 million field house will have 72,000 square feet, equal to 1¼ acres. In addition to the main athletic area, the field house would provide two weight rooms, squash courts, a training room and many locker facilities, including separate rooms for varsity teams and special facilities for the disabled. Gerstel said the University hopes to have the design completed next year, the construction funded and under way in 1982, and the building in use by September 1984.

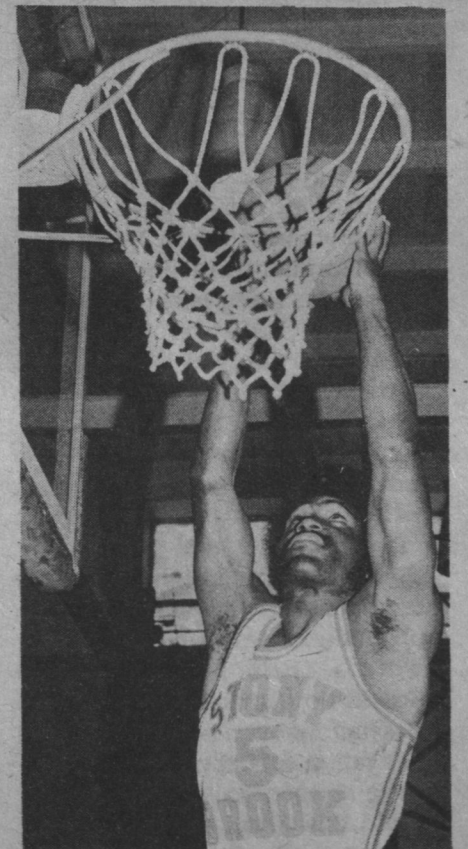
John Ramsey, acting director of the Department of Physical Education, said the new field house will accommodate the 800 students turned away each semester—about half the

number who apply—from the department's elective undergraduate courses.

He listed six other purposes for the field house:

- Enlargement of the popular and overcrowded intramural sports programs for graduate students as well as undergraduates
- Improved conditions for intercollegiate teams' practice
- Improved and expanded recreational facilities for the University community
- Creation of a center of learning at Stony Brook for coaches through clinics and meetings
- Provision of a major facility for championship events for Suffolk County high schools
- Aid in providing a more appropriate setting for such events as the Special Olympics.

Heading the list of major projects under construction is a \$2.4 million parking garage at the University Hospital. J.F. O'Healy Corp. of Stony Brook holds the contract, which calls for a 950-vehicle, two-level facility to be completed by early next year. Kinney Parking System Inc. will operate this garage, as it does another at the Health Sciences Center and one on the main campus.



Proposed construction projects would benefit students such as those pictured here. A dental building has been designed near University Hospital and if funding processes are completed, the new home for the School of Dental Medicine could be constructed within a few years. A field house that will triple the indoor space for athletic facilities is being designed.

Men's soccer

Last year, the men's soccer team posted a 9-4-3 season record and earned themselves the ECAC Division III New York-New Jersey Co-championship.

Fifteen players return for the 1981 campaign including All-State goaltender Phil Lesko, All-State forward Tim Cusack, and last season's "most valuable player" Rich Campbell.

Coach Chris Tyson* says, "Stony Brook will be much stronger than they were last season, especially right up the middle (goalie, center, sweeper), where it really counts."

Adding to the strength of this year's squad will be Erick Erika, Bob Greifenstein and Caesar Campbell, who, according to Tyson, will be the Patriot's top midfielder.

Beginning on Tues. Sept. 22, the Patriots open a three-game home stand against Queens College, Baruch College (Sept. 26) and NCAA Division I Hofstra University (Sept. 30).

Women's volleyball

Following a 13-8 regular season record in New York State Division III, the women's volleyball team advanced to the AIAW finals where they placed sixth in the state. "We surprised plenty of teams last season," said Coach Fran Kalafer, "but in '81 they'll be watching for us."

Spearheading the Patriots' attack will be co-captains Janet Byrne and Carol Tompkins. Byrne was voted "most valuable player" by her teammates last season and was voted to the All-State tournament

Patriots arm themselves

With last season's winning records behind them and hopes of championship seasons ahead, the Stony Brook athletic department is preparing for the 1981 fall sports season.

Two alumni events are already scheduled. Saturday, Sept. 19, the alumni challenge the Stony Brook soccer team. In addition, the homecoming football game is Oct. 2 against Rutgers-Newark. Game time is 8 p.m. this year, under the lights at the Stony Brook football field.

team. Tompkins received All-State honorable mention. Also returning will be Kay Wilhelms, Michele Siroky and Ruth Levine, who had earned "most improved player."

The Patriots open their season on Tues., Sept. 15 at AIAW Division I's New York Institute of Technology, and then play at home on Thurs., Sept. 24 against Division II's C.W. Post.

Women's Cross Country

Last season, in only their second year in existence, the women's cross country team finished 9-0 in dual meet competition and tallied 13-7 in invitational meets.

"We have some of the best runners in the division returning," Coach Paul Dudzick said. "I have no doubt that the '81 season will be Stony Brook's best yet."

Co-captains Elena Naughton and Irma Cabrera are returning with Mary Bianco, Diane Kelly and Megan Hughes. The Patriots open their season on Sat., Sept. 19

against Nassau and Suffolk County community colleges, Adelphi University and Southampton College at Sunken Meadow State Park.

Football

Fred Kemp, head coach of the football team, says that his team is "even better than they were last year." Considering the Patriots lost once in eight regular season games last year and they made it to the national championship playoffs, a better season might mean a National Collegiate Football Association (NCFA) Championship.

A majority of players are returning, including nine defensive starters. Charlie Nicholas, a defensive end who received 1980 All-American honors from the NCFA, linebacker Geronimo Morales, and safeties Brian Fabricant and Tom Brusca return to the defense that allowed an average of less than 10 points per game in 1980.

Despite the loss of quarterback Jim McTigue and fullback Mike Marrone, Coach Kemp is confident

that the offense will be as strong, especially with speedster Tony McNair returning to his halfback position and Neil Russell as a probable starter at quarterback.

The Patriots open their season Sat., Sept. 19 at Fairfield University.

Men's Cross Country

"We will have one of the strongest Division III teams in metropolitan New York and Long Island," says Gary Westerfield, coach of the men's cross country team.

Steve Rigby and Ted Isoldi return for the '81 campaign. Both runners were among the six top competitors on last year's squad.

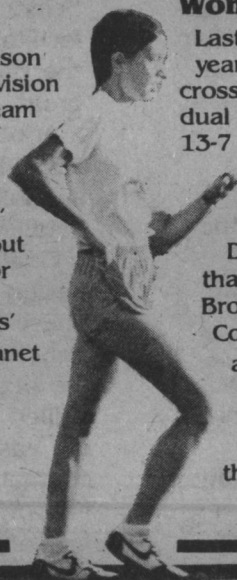
Highlighting the 1981 season will be the first Stony Brook/Ward Melville High School Invitational which will be an annual event, bringing top Division II and III schools from New York, New Jersey, Connecticut and Pennsylvania to Sunken Meadow State Park. The Patriots open their season Sept. 7 at the Labor Day Classic in Commack.

Women's Tennis

With the return of four of last season's six starting singles players, the women's tennis team will attempt to better last year's 7-5 record and earn a bid to the AIAW playoffs. Last season's co-captain Linda Mahoney will lead returnees Diana Merlino, Candace Farrell, Toni Epstein, and Catherine Wang.

The Patriots open their season Sat., Sept. 19 at home against Wagner College.

**Coach will not be returning to coach this year's team.*



Walking—not a leisure sport for these alumni

During the past six months Susan Liers '81 has firmly established herself as America's No. 1 woman race walker.

The breakthrough came dramatically at Madison Square Garden in New York City last February in a heel-to-toe encounter with Susan Brodock of California. Three times before, the Long Islander had raced the Californian. And three times Liers had finished second or third to Brodock. But the fourth match belonged to Susan Liers. That gave her the national indoor championship in the mile.

The 5 foot, 2 inch, 98 pound, 22-year-old champion will now test herself in an international competition next month in Valencia, Spain. It will be the second time that the International Amateur Athletics Federation has conducted a women's race walk, and wanting to win this event is characteristic of Liers.

She's grown accustomed to being first. Because race walking was offered only to men's track team members during her four years at Stony Brook, she competed on the men's team—the first woman to do that.

In fact, almost every time Liers competes she sets a new record. At last count, she owned 11 national records, four

of which are recognized as world records at distances up to 20 kilometers (approximately 12 miles).

"She's best at distances," says her husband, Gary Westerfield '75, M.A., who is the men's cross country and track coach at Stony Brook. He has been Susan's only coach for race walking over the past 5½ years.

A former world-class race walker, Coach Westerfield attributes his star pupil's achievements to her self-discipline, style and ability to overcome pain. "The efficiency of the style is what separates Susan from the rest of them," he explains.

Liers asserts she is never bored while training, even on hot evenings when she makes 20 tours around a 400-meter track. She explains, "It depends upon how I'm feeling. If I'm feeling good I think about racing and how I am in good shape, and it gets me really psyched up."

Keeping in racing condition has been a bit harder this summer for Liers. She had spent the spring as the girls track coach at Hauppauge High School, an activity that helped her train for the June national outdoor championships in California.

But in July she began work at Business Solutions Inc. (B.S.I.), in quality assurance. Liers was a computer science major at Stony Brook. Since B.S.I. is a new firm in Kings Park, she has been working long shifts, occasionally from 9 a.m. to 11 p.m.

Lier's self-discipline enables her to work and compete successfully.

In July, she swept the women's events in the Empire State Games for the fourth consecutive year. She won in both the 5,000 and 10,000 meters—again. Since the events

were introduced in 1978, only Susan Liers has won the gold medals, eight in all.

And in the 10,000 meters, she set a new U.S. record at 49:10.3.

Now it is on to Valencia and the 5,000-meter world title. "That's probably a little short for Susan," says Coach Westerfield. "But we'll be ready for it. The last few weeks we will concentrate on speed so she can walk in the low 23s (23 minutes) and place higher than 10th, which is what she did in 1979." The world record is 23:09, almost a second less than Lier's best time.

Walking in the Family Tradition

A second member of the Class of 1981 has been making headlines in national and international race walking competition the past few months.

Peter W. Timmons walked off with the gold medals in the 20 kilometer and 50 kilometer races at the Empire State Games in Syracuse in July.

The 50,000-meter race belonged to the Timmons family. Following Pete was his brother Rob, Jr. in second place...and their father, Robert, Sr., in fourth.

Pete Timmons was already an established race walker when he arrived at Stony Brook in the fall of 1979.

Coach Gary Westerfield said Timmons entered competition for the first time as a Stony Brook varsity athlete March 28, 1981, because his transfer had left him ineligible in his junior year. The Phi Beta Kappa history major went on to win the Hartwick Invitational and the CTC (College Track Conference) meets. That qualified him to compete in June in Philadelphia in a major national

meet, the Intercollegiate American Amateur Athletics Association. He won the 10,000 meters race walk, qualifying him for an international meet in Europe.

Early in July, Peter Timmons competed in the University World Games in Bucharest, Romania. "It was a fiasco," he recalled last month at his Sayville home. "They made the two Americans go around a mile-and-a-half loop an extra time." As a result, instead of going the 12.4 miles that constitute 20 kilometers, Timmons went nearly 14 miles. His time placed him eighth among a dozen walkers. The Americans' protest was disallowed.

Timmons will continue to compete around Long Island for the next year. He said he plans to teach and work part time in a gas station while preparing for law school in 1982.

Coach Westerfield believes Peter Timmons has not yet been tested as a race walker. "He was a national caliber walker who had no competition in college," the coach said.

Alumni to experience school days again

Eleven of Stony Brook's well-known faculty members will offer alumni an opportunity "to re-experience the excitement of academic life here" at the first Alumni College Day.

The professors will give lectures on topics ranging from the publishing industry and the family to Asian religions, space exploration and women's history on Saturday, Oct. 24.

Alumni Director Denise Coleman said that the Alumni College Day program will be "our first major academic venture involving faculty and alumni."

The program is from 9:30 a.m. to 4 p.m. in the new Social and Behavioral Sciences Building on main campus. Registration fees are \$10 for members of the Alumni Association and \$15 for other alumni and guests with a uniform \$5 charge for the luncheon.

Two faculty members will give 45-minute lectures during each of the three morning and two afternoon Alumni College segments. The luncheon address, by Prof. Tobias Owen, a member of the NASA

research team for the Viking landings on Mars and the Voyager missions to the outer planets, will be, "New Worlds Revealed: The Voyager Missions to Jupiter and Saturn."

The program was arranged by the Alumni Association's Committee on Faculty-Student Relations, headed by Prof. Aldona C. Jonaitis '69, of the Art Department.

"As an alumna who is now a faculty member, Prof. Jonaitis was able to offer special insight into the kinds of sessions and faculty speakers that would give alumni an opportunity to re-experience Stony Brook's academic atmosphere," Ms. Coleman said.

The Committee includes another faculty member/alumnus, Lester G. Paldy '62, Dean of the Center for Continuing Education, and three other alumnae: Mary Britton '73, of Mount Sinai, a new member of the Alumni Association Board of Directors; Eileen McSherry '75, of Port Jefferson; and Arlene Prentiss '76, of Smithtown.

The sessions are as outlined in the schedule provided below with abstracts about the speakers.

William Arens

William Arens is an associate professor of anthropology who came to Stony Brook in 1970. He has done field work in East Africa, and has written on various aspects of East African ethnology. *The Man-Eating Myth: Anthropology and Anthropophagy* (1979), Prof. Arens' recent book on cannibalism, was greeted by both critical acclaim and controversy. A member of the editorial board of the journal *Anthropology*, he is currently investigating the symbolic significance of incest.

Lewis A. Coser

Lewis A. Coser is a distinguished professor of sociology who specializes in the sociology of knowledge and intellectuals, conflict and violence, and political sociology. Among his numerous publications are *The Functions of Social Conflict* (originally published in 1956), translated into six languages including Japanese, *Men of Ideas* (1965), and *Greedy Organizations* (1974). He is on the editorial boards of *Political Science Quarterly*, *Journal of Political and Military Sociology*, and *Dissent* and was president of the American Sociological Association. Prof. Coser came to Stony Brook in 1969.

Ted Goldfarb

Ted Goldfarb is an associate professor of chemistry and has been on the faculty since 1959 when he taught at Oyster Bay. In 1978-79, he received the State University Chancellor's Award for Excellence in Teaching. Prof. Goldfarb has done research in molecular spectroscopy, chemical kinetics, science policy, energy demand and supply options. In recent years, he has been active in community organizing on energy issues and in the Stony Brook chapter of the Science for the People organization. He has been a frequent speaker and debater on safe energy options and a critic of the Shoreham Nuclear Power Plant.

Norman Goodman

Norman Goodman is a professor of sociology and the chairperson of the Department. A recipient of the State

9:00-9:30 a.m.

Coffee and registration

9:30-10:15 a.m.

Distinguished Professor Lewis A. Coser, "The Publishing Industry: A Sociological Portrait"
Prof. Norman Goodman, "The Future American Family"

10:30-11:15 a.m.

Prof. Lee Miller, "Dependency and Authority: The Student, the Poor Nation"
Prof. Robert Neville, "Asian Religions in America"

11:30 a.m.-12:15 p.m.

Prof. Ted Goldfarb, "Demystifying the Energy Crisis"
Prof. Lester Paldy, "The Control of Nuclear Weapons: Is it Too Late?"

12:30-1:15 p.m.

Lunch, Senior Commons

1:15-2:00 p.m.

Luncheon Speaker: Prof. Tobias Owen, "New Worlds Revealed: The Voyager Missions to Jupiter and Saturn"

2:15-3:00 p.m.

Prof. Egon Neuberger, "The Kibbutz and Yugoslavian Enterprise: Explorations into Worker Self-Management"
Prof. Judith Wishnia, "The Emergence of a New Discipline: Ten Years of Women's History"

3:15-4:00 p.m.

Prof. William Arens, "Ceremonial Incest and the Symbolism of Power"
Prof. Glenn Prestwich, "Termite Defense: Chemical Warfare Among Insects"

University Chancellor's Award for Excellence in Teaching in 1975-76, he specializes in the sociology of marriage and the family and social psychology. His books include *Personality and Decision Processes: Studies in the Social Psychology of Thinking* (1962), *Society Today* (4th ed., 1981), and *Marriage, Family and Intimate Relationships* (1981). Prof. Goodman came to Stony Brook in 1964, was very active in organizing and running the College Master Program and was himself college master of O'Neill College.

Lee Miller

Lee Miller has been on the Stony Brook faculty since 1973 and is currently an associate professor of philosophy. An active participant in the Federated Learning Communities, and the recipient of the 1979-80 State University Chancellor's Award for Excellence in Teaching, one of Prof. Miller's main concerns is quality in undergraduate education. His research interests include medieval philosophy, particularly the writings of Nicolas of Cusa, issues of learning-theory, and contemporary ethical problems: love and friendship, parents and children, health, hunger and poverty from an international perspective.

Egon Neuberger

Egon Neuberger is a professor of economics and specializes in comparative economic systems and in Soviet and Eastern European economics. He is particularly interested in the Yugoslavian economic system. Among his numerous publications are *The Impact of International Economic Disturbances on the Soviet Union and Eastern Europe: Transmission and Response* (1980) and "Comparative Economic Systems: An Overview," to be published in the forthcoming *Encyclopedia of Economics*. Prof. Neuberger has been on the faculty since 1967.

Robert Neville

Robert Neville is a professor of philosophy and a professor and the director of the Program in Religious Studies. Among his numerous publications are *God the Creator* (1968), *Cosmology of Freedom* (1974) and *Creativity and God* (1978). A recipient of the State University Chancellor's Award for Excellence in Teaching in 1974-75, Prof. Neville has been with the University since 1977. He teaches philosophical theology, philosophy of religion, value theory and ethics, and T'ai Chi Ch'uan, the ancient Taoist series of postures and exercises. He is also associate

editor of *Encyclopedia of Bioethics*.

Tobias Owen

Tobias Owen, who came to Stony Brook in 1970, is a professor of earth and space sciences, specializing in planetary astronomy. His research has included laboratory studies, observations with ground-based and Earth-orbiting telescopes, and participation in the Viking landings on Mars and the Voyager missions to the outer planets. Prof. Owen is a member of the Voyager Imaging Sciences Team at the Jet Propulsion Laboratory that is maintained by the California Institute of Technology.

Lester Paldy

Lester Paldy is the dean of continuing education and an associate professor of technology and society. An alumnus of Stony Brook (class of '62), Dean Paldy has done research on the interaction of science, technology and public policy. Most recently, he has led seminars which examine issues and problems related to arms control. He joined the Stony Brook faculty in 1967.

Glenn Prestwich

Glenn Prestwich started teaching at Stony Brook in 1977 and is currently an assistant professor of chemistry, specializing in organic chemistry. His recent investigations on termite biochemistry have revealed that termites synthesize a whole range of chemicals which enable them to defend themselves. These chemicals include a glue which is "shot" at ants, an insecticide which is "painted" onto enemies and a poisonous fluid which is "exploded" onto predators.

Judith Wishnia

Judith Wishnia received her Ph.D. in 1978 from the Department of History and has since been an assistant professor in the Interdisciplinary Program in Social Sciences. Prof. Wishnia helps administer the Minor in Women's Studies. Her research interests include French labor history and the history of feminism.

Alumni Profile

Carlucci redistricts states with 'smart maps'

Carl Carlucci '72, '75 M.S., exemplifies Stony Brook's youth and dynamism. Starting his undergraduate career while the University was completing its first decade, he elected to undertake graduate work in the emerging field of public policy analysis and management, and finished when the W. Averell Harriman College for Urban and Policy Sciences was still an interdisciplinary program. His present position involves the application of space-age technology to one of the most tradition-bound of public policy programs, legislative reapportionment.

"Zoom in."
"Window by area."
"Update."

Commands like these control the operation of a million-dollar computer installation that is helping to redraw New York State's legislative and congressional district boundaries.

In response to instructions, a grid-like map of Manhattan draws itself on a green video display screen. One section is manually outlined with a stylus. The large map shrinks away, to be replaced by a map of the smaller, outlined section. Another step magnifies the

section map, enabling various election district configurations to be tested in rapid succession. The system is also equipped with printers that can produce both typewriter-sheet and blueprint-size hard copy of the redrawn maps.

In this pioneering application of modern technology to the reapportionment process, the State's elected leaders are relying heavily on the expertise of 32-year-old Carl P. Carlucci '72, '75 M.S., executive director of the 40-member Legislative Advisory Task Force on Reapportionment staff.

The introduction of information processing techniques to legislative redistricting has not removed the political element from the activity, according to Carlucci. "Because reapportionment is about the basis of political power in our system of government—where the votes are—the Constitution gave the decision-making authority to the state governments' representative branch, the most accessible to the electorate. The Supreme Court's reapportionment opinions established parameters to ensure that the Constitutional requirement for equality of representation would be met, but the responsibility for drawing the lines remains with those who are elected. The electronic 'pencil' enables their decisions to rest on the best possible information."

"Essentially, what we do is turn dumb maps into smart maps," said a staff member. Over two months are required to input the necessary information, such as geographical information, voting results and census data, in Manhattan's 25 congressional and legislative districts. Although the manual methods used earlier might have taken only six weeks for the same

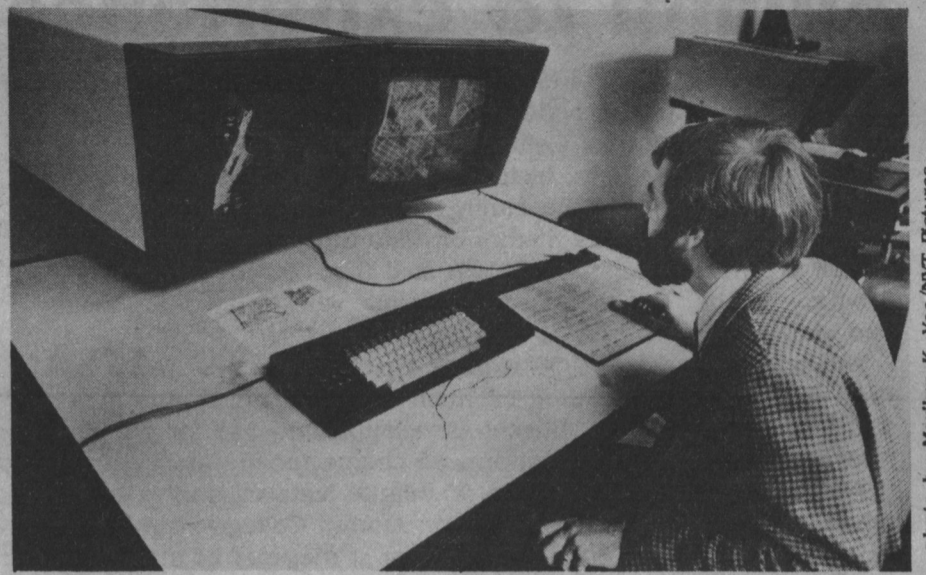


photo by Marilyn K. Yee/NYT Pictures

task, a second copy of the manually-produced design would have taken another three weeks of work, while the computer system can produce another copy in thirty minutes. And the manual process had none of the potential applications of the computer system.

Other levels of government within the State have consulted the system for their own reapportionment efforts, and the State's executive agencies have begun exploring its promise as a tool for improved planning and management of some of their operations. Other states are using computers, but the scale of New York's enterprise is nationally unique. Carlucci's travels to explain the system included an appearance this summer at the annual meeting of the National Conference of State Legislatures, where another speaker on the program was President Reagan.

Born in Syracuse, Carlucci came to Stony Brook to pursue an early interest in basic sciences research, but was attracted by the capabilities of quantitative techniques for program and policy analysis and public planning. After completing a bachelor's degree in economics, he worked for what is now called the Office of Institutional Studies—the University's technical planning staff—while still a student in Harriman College. He became the Office's director, under former President John S. Toll.

Carlucci looks back upon those years with obvious affection: "Stony Brook reflected the national mood of the Sixties. There was the sense that, if sufficient intelligence and stamina were applied, great things could be done. The evidence for that proposition was everywhere around us—a

University that aspired to the best was being built literally from the ground up. It was often raw and messy and the development of the campus was uneven, both physically and administratively. It was also exhilarating! I suppose those qualities are characteristic of any process of birth."

Carlucci met President Marburger a few months after his arrival at the campus and was "immediately impressed by his quick grasp of the University's priorities at its present stage of development and his commitment to academic excellence. He has a different set of tasks before him and he is approaching them with vigor."

Dr. Toll, now president of the University of Maryland system, recently commented: "I was particularly grateful to work with Carl at Stony Brook and I am proud of what was accomplished there. During my tenure, the campus was in a creative period that provided a wonderful opportunity for brilliant young people like him, with great initiative and dedication, to test their abilities and make important contributions to the University's growth. I am delighted that his talents continue to be employed so effectively in public service." Carl directed the Assembly Higher Education Committee staff and served the Temporary State Commission on the Future of Postsecondary Education before assuming his present position.

Assembly Speaker Stanley Fink has said that he "is one of the ablest of the new generation that has been attracted to government service. I am pleased to have him undertaking this critically important responsibility for our State."

Alumni Association Board of Directors

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Ellen Schlesier '67
Patrick Gavin '68
Jack Guameri '68
Audrey Mandel '69
David Skulnik '69, *Vice President*
Jeanne Behrman '70, *Vice President*
Linda Rawluk '70
Alan Wax '71
Sam Taube '71
Sarah Inglima '72
Mary Britton '73
Susan Graff Stopek '73
Michael Kape '74
Larry Starr '74
Jay Baris '75
Leonard Steinbach '75
Carl Carlucci '75, *affiliate*
Richard Gelfond '76
Jon Salant '76
Adam Sherman '77
Earle Weprin '77
Ronald Cohen '78
Grace Lee '78, *Secretary*
Lynn Zoller '80
David Herzog '80

CEB

Cindy Starr '75
Paula Warmuth '71, *Treasurer*

Graduate

Hugh J.B. Cassidy '74
John Finnerty '72
Lynn King Morris '70

Health Sciences Center

Jeff Sachs, *dental* '78

Affiliate

Larry Bozman '74
Floyd Linton '75
Gary DeWaal '76
Lou Manna '76
Margaret Macauley '72

Delegate at Large

Carol Hochbrueckner '69
David Woods

Executive Director

Denise Coleman '77

Alumni Events

Alumni Soccer Reunion

Sept. 19, 2 p.m.
Buffet to follow. Adults-\$6, children under 12 free

Alumni Weekend '81

Oct. 2-4
Class of '71 Ten-year Reunion

Homecoming Game

Fri., Oct. 2, 7:30 p.m.
Stony Brook Patriots vs. Rutgers-Newark

Post Game Beer Blast

Fri., Oct. 2, 10 p.m.
SB Union Auditorium. Alumni and Guests-\$3, Students-\$1.50

Alumni Tennis Tournament

Sat., Oct. 3, Sun., Oct. 4
\$5 per entrant

Annual Dinner-Dance

Sat., Oct. 3
Victoria House 1890, East Setauket, NY. Cocktail Party, 5:30 p.m.; Dinner, 7 p.m. \$15 per person

Annual Alumni Run

Sun., Oct. 4, 9 a.m.

6.2 Kilometers. \$4 registration fee prior to Sept. 15; \$5 late registration (Proceeds will go the Alumni Scholarship Fund)

Alumni College Day

Oct. 24
(See related story on page 5)

Alumni Dinner Talks

Dec. 4
Dr. Beverly Harrison, guest speaker.

CLASSNOTES

63

Henry E. Ostman toured Switzerland this summer, then took a cruise down the Rhine.

64

Edwin C. McCullough has been named to the Radiation Physics Committee of the American College of Radiology and to a task group of the International Commission on Radiation Units; **Charles Mindel** teaches at the University of Texas at Arlington in the Graduate School of Social Work. He and his family traveled to Germany this summer.

65

Kenneth McMahon is completing his 15th year of teaching and his 10th year as vice president for grievances of the Connetquot teachers union; **Anna M. Panzarino** has worked for the Department of Defense for 13 years in Okinawa and Germany.

67

Michael Glasser is clinical director of the Young Adult Program at a private psychiatric hospital and is assistant clinical professor in psychiatry at U.S.C.; Currently president of the Nassau County Mathematics Teachers Association, **Nathan Janoff** has taught high school mathematics since January 1968.

68

Promoted to full professor at the University of Louisville this semester, **Ronald Atlas** co-authored *Microbial Ecology*, a textbook, and is working on an introductory microbiology text for MacMillan Publishing Company; The father of two children, Tara Suzanne and Shawn Darin, **Arnold Winters** has had a private dental practice for six years.

69

After four years as a stockbroker and professional commodities futures trader with a major New York brokerage firm, **Linda English** has moved to Virginia, where she is an active real estate broker; **Dr. Joe Zweig** and his wife **Michell Bloch '70** live in New York City with their two children. She will receive an M.B.A. in pharmaceutical marketing in the fall of 1981. He is a psychologist in private practice.

70

Lawyer **Marc J. Leavitt** recently played an active role in many housing rehabilitation efforts in the city; A doctoral candidate in social psychology at CUNY Graduate and University Center in Manhattan, **Harvey Shindelman** has been awarded funds which will enable him to carry out his dissertation research in humor and gender differences; **Leslie Weightman** works as project manager for Halco Engineering, Inc. in Rockville, MD.

71

Maude Brown is a senior technical writer for EBASCO Services, Inc., a U.S. engineering/construction firm; After her senior year at the Hebrew University in Jerusalem, **Evelyn Chonigman** attended the Middlebury College Russian Summer School. She is an international folk dancer.

72

Dr. Joel Brockner is a faculty member of the Psychology Department at Tufts University in Medford, MA; Living in the Back Bay section of Boston, **Dr. Ted Feigelman** commutes to Wrentham State Hospital where he is chief medical physician; **Dr. Al Franchi** has earned a fellowship in orthopedics at Boston City Hospital.

73

Gary Gordon received an M.D. from The Johns Hopkins University in May; In December 1979, **Ron Landau** was awarded a Black Belt in Judo; **Sharon Dichman** is teaching elementary school and has a "terrific" 7-year-old son; **Laura Wishnoff** is a freelance artist and graphic designer. Her husband, **Bob Wishnoff**, maintains a private practice in psychotherapy and specializes in industrial mental problems.

74

Frank S. Segreto received an M.D. from SUNY Downstate in July, and will return to Stony Brook's University Hospital as an orthopedic surgery resident in July 1982; **Christine Knockenhauer Vicedomini** is the educational director of the Ivy League School in Smithtown.

75

After receiving an M.S. in computer science from the University of Arizona in Tucson, **Michael Beblo** is living in San Jose, CA. He is a systems programmer for Foyr-Phase Systems; Having completed her doctoral work at M.I.T. in the Department of Material Sciences, **Dr. Jeanne L. Courter** works at American Cyanamid Co., Stamford CT; **Susan Dostis** has lived in Israel since 1978 with her husband and 1½-year-old son; Since receiving a master's in English from Brown University, **Helene Gittleman** joined the staff of *Business Week* magazine in Manhattan; **Anne Hudson** is a member of the International Association of Cancer Victims and Friends; **George H. Kroecker** retired from Nabisco, Inc. after 30 years. He then started a new career in teaching at Suffolk County Community College with the "wonderful help" he received from the Mid-Life Assessment Program at Stony Brook; In July **Donald Trepashko** was appointed a first-year surgical resident at the Stony Brook University Hospital.

76

Jodi Lee Alper passed the New York State Bar Exam in February; After completing a one-year medical/surgical residency at St. Mary Hospital, **Dr. Warren L. Kent** will enter into private practice in Coram; **Gail Krasner** is an international media planner for B.B.D.O. Advertising and lives in Flushing; **Dr. Mitchell Rubin** is chief resident in General Dentistry at Nassau County Medical Center; **Fay Sharit** was awarded the degree of Doctor of Podiatric Medicine from the Pennsylvania College of Podiatric Medicine. She plans a residency at John F. Kennedy Memorial Hospital, Stratford, NJ; Among the juris doctor degree recipients from the School of Law at Western New England College was **Rhonda E. Thon**; A member of the New York and Florida bar associations, **Richard P. Weiss** practices law in New York City.

77

Paul Lockwood is married, with a 2-month-old son. He is an administrator of an adult home in Orange County and a partner of another facility in Babylon; **Robert H. Allen** has worked for two years with a San Francisco engineering consulting firm, and is studying for a Ph.D.; In April, **Marjorie Bollar** became director of nursing services at Central Islip Psychiatric Center; **John Damaskos** is attending dental school in Thessaloniki, Greece; **Louis A. Evans** is an attorney for enforcement of laws regarding hazardous waste disposal sites for the New York State Department of Environmental Conservation; **Kevin McClancy** was awarded a J.D.L. degree by the University of Bridgeport School of Law; **Elias R. Quintos** takes senior electives and subinternships at New York hospitals; **Marilyn Alttagracia Ramirez** attends medical school in Santo Domingo, Dominican Republic; **Dr. Ron Schmeltzer** will open a joint chiropractic private practice with his fiancée, Dr. Alyson Andres, in September on the Upper East Side of Manhattan; Now that her five children are older, **Adelaide Silvester** and her husband enjoy traveling. She also works as head nurse of a 40-bed medical unit at Northport V.A. Medical Center.

78

Ralf Klaus Kiehl was recently awarded a master of arts degree in the Ball State/U.S. Air Force-sponsored graduate program in Europe; **Melwyn Kloor** is a counterintelligence officer with the U.S. Army in the Dallas-Texas area; Living in the Port Jefferson area, **Bill Langert** is a laser technician for Quantronix Corporation in Smithtown; Since January, **Ralph Marinaro** has been working on his doctorate in air pollution research in the Civil Engineering-Environmental Department at Virginia Polytechnical Institute and S.U.

79

Donna Bedross has been with ABC News since graduation. This year, she was responsible for conceiving and executing the electronic animation for "ABC News 20/20"; **Nicholas Gabriele** is working on his M.B.A./J.D. from Hofstra University; Concentrating in the area of microwave receivers, **William Hallbert** is working for Grumman Aerospace on the FF-111 Aircraft in subsystems engineering.

80

In March of 1982, **Karen Berka** plans to travel to Israel, Egypt and Jordan; **Richard Buckheit** is a platform assistant trainee at Marine Midland Bank; **Jonathan I. Cohen**, poet and translator, was awarded the National Endowment for the Arts 1981 Fellowship for Translators; **David Mernoff** enters his second year at the N.Y.U. School of Medicine; **Larry Riggs**, former *Statesman* managing editor, is radio editor of *Cash Box* magazine in New York City; **Jim Ripka** is enjoying the challenge of being a Ph.D. student at the Albert Einstein College of Medicine, Department of Cell Biology.

81

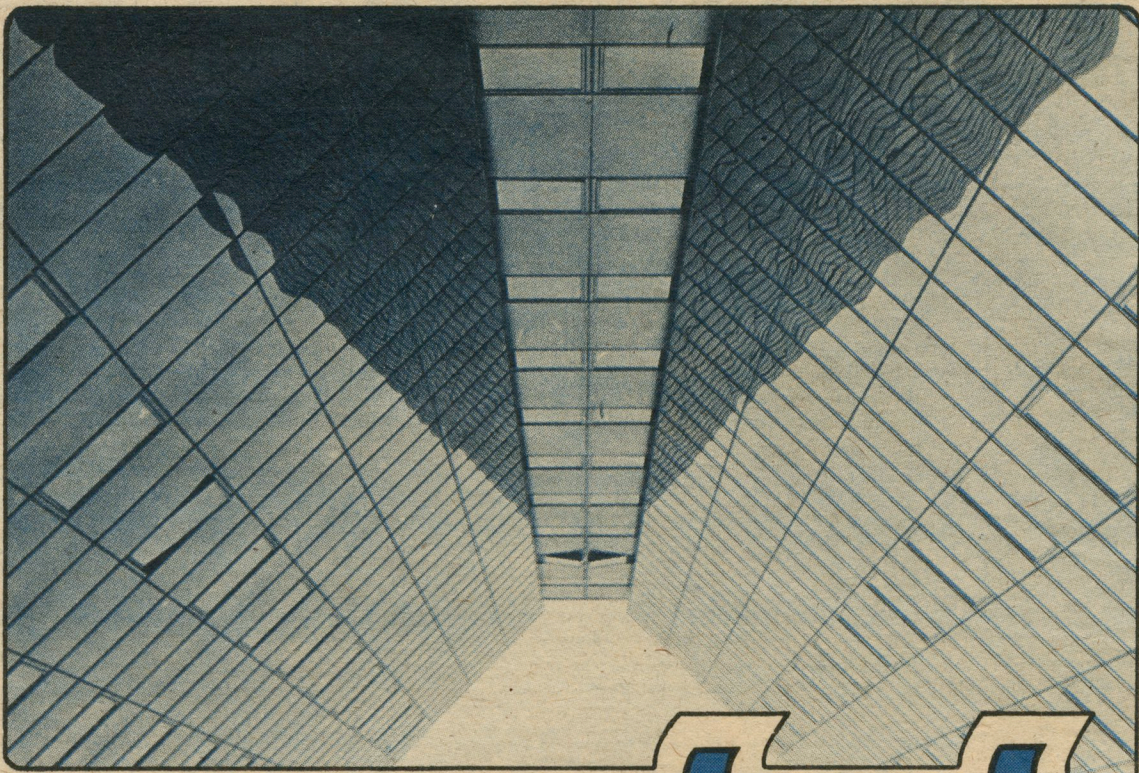
Bernadette Alcamo-Galante graduated in June from the School of Nursing, Health Sciences Center; Pursuing an M.B.A. in personnel management, **Stewart Feitel** attends Syracuse University; **Mark Dunayer** is enrolled in the University of Pennsylvania School of Dentistry; **Harry Dunham** reports that Stony Brook graduates are well respected in the engineering occupational fields; At the age of 61, **Frank J. Gelo** may go back to the work force and/or hopefully attempt to write a novel or two; Unable to attend her graduation ceremonies due to a move to Phoenix, **Patricia Mongelli** was delighted when a Battlestar Galactica Robot at Universal Studios presented her not only a diploma but a kiss; After serving as the University's sports information director for three years, **Ray Stallone** has accepted a graduate position in the Sports Information Office at Princeton University.

Marriages:

Robin Cohen '76 to Stuart Mendel. A graduate of NYU Law School, Robin lives in Manhattan and works at RCFLC; **Julia Gervasio '77** to Robert Del Gatto. Currently a member of the Suffolk County Chapter of New York Civil Liberties Union, she is also affiliated with Adelphi's Lawyers Assistance Program; **Donna Marie Naylor** to E. Keith Edwards, an attorney. She is a second-year law student at Howard University of Law in Washington, D.C.; **Stephanie Sakson '79** to Doug Ford in October 1981; **Robin Shapiro '78** to Tom Onorato; **Howard Shtulman '78** to Deborah Gordon in July 1982. Howard is a senior at NY Chiropractic College; **Scott Simmons '74** to Leslie Nissew in the Fall of 1980; **Robert B. Steen** to Jana Rogers in June 1980. He received an M.S. in counseling and personnel services from Purdue University 1975 and they both teach in Eugene, OR.

Deceased:

Robert Froehlich '72 of Elmont; **William R. Hahl '61** of Lindenhurst; **Anton Schiver '70** of Patchogue; **Dr. Arthur Seelig '74** of Dix Hills; **Sally H. Waghorn '72** of West Babylon.



Stony Brook People

University
Hospital:
Reflecting
the dreams
of its planners
(p. 4)

Sept./Oct. 1981
Vol. 13, No. 1

A People interview

Students have a stake

The new president of Polity, the student government organization for Stony Brook's 11,000 undergraduates, told **Stony Brook People** how he views the University community, and of his hopes for his term of office.

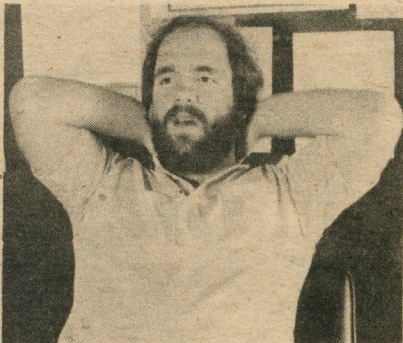


photo by Steve Grillo

This is James Blausvelt Fuccio's third year in Polity. Last year he was vice president. This summer, he worked on campus as Polity president. A senior, he calls East Norwich "home" and speaks fondly of his high school alma mater, Oyster Bay. Fuccio is thinking of earning a double major in chemistry and political science, a combination that reflects his interest in environmental public service.

People: There's a feeling among some observers of the Stony Brook campus that, like many other campuses, there is a relatively small group of students who, like yourself, are interested in politics, the politics of students.
Fuccio: First of all, I don't think that my interests are just on campus. I watch the political process in America and New York

State, especially now with what's happening to programs that help students on this campus—financial aid programs, most notably, the raises in tuition. I wouldn't say that students are apathetic. I'd say that they have to "have their consciousness raised." I think if I impress them that they do have a stake in the political process, we will get more participation. We want to run a voter registration drive.

People: When you were elected president April 30, you were quoted by *Statesman* as saying, "I just hope I can bring a few changes for the betterment of Stony Brook and I'm looking forward to the betterment of life on campus."
Fuccio: I don't think I was that redundant. (Laughs.)

People: Does it capture the spirit of your administration?
Fuccio: Yes. There are a number of social issues that have to be worked on. I mention the whole thing about dormitories. I'm a firm believer that students should have basic control over their living space, with some constraints, within reason. We want to have more campus-wide activities and programs. Right now we're working on Fallfest, which will be a big weekend carnival. We'd like to have something for the returning students, the incoming freshmen, and the incoming transfers: something that will give them a good attitude towards Stony Brook the first week of school. It might encourage people to go home less on the weekends.

People: There's been some feeling expressed on campus that there should be more interest in varsity athletics. What do you think about that?
Fuccio: Well, I support athletics: bottom line. I think the programs should be improved, expanded if

necessary. But I do have some reservations about the direction it could conceivably go. I wouldn't like to see the improvement or expansion at the expense of the intramural program. Right now we have a high participatory rate for students in intramurals, and I don't want the focus to go to spectator sports where only the most highly talented students participate.

People: Has anyone suggested that it's an either/or situation?
Fuccio: No. But I don't want to see at Stony Brook what happens at a helluva lot of other universities that have top-flight athletic programs, where kids are, basically, recruited and are used until their eligibility runs out, and they don't get the academics that they should get. The philosophy (at Stony Brook) is still the emphasis on the academics.

People: Generally, are the faculty available for office hours?
Fuccio: Yes, they're available. I think the typical student is a little put off by office hours. Maybe I'm wrong.

People: Are we back to the ease of access you mentioned with voting?
Fuccio: No. It's just that they're under the impression that office hours are just for when you're having a problem, instead of just sitting down with a professor and saying, "Look, I'm interested in this field, what do I do?"

People: You're still a student carrying five courses. You have some outside interests, some social interests, you get home once

in a while to visit the folks in East Norwich. Do you have a job?
Fuccio: Actually, this is my job. They give me a stipend but it isn't what I could earn on a job.

People: You'll devote 20-25 hours a week to student government?
Fuccio: That's a good estimate.

People: Is there a way to streamline Polity? Does it need streamlining?
Fuccio: I think we have been running more efficiently. And do you know why? For a year now we've had an executive director (who) takes care of the day-to-day work of running the office.

People: How much money does Polity handle during the course of a year?
Fuccio: We handle around a million dollars, if you count the receipts we get from running concerts and so forth.

People: But \$732,000 comes from the student activities fee?
Fuccio: Yes, but the fee was cut from \$80 to \$75 last year. We shouldn't be cutting our budget. We should be keeping it the same if not increasing it. And the increases would go to things like expanding sports.

People: We're just in the early weeks of your administration. Let's skip ahead. Now we're in the last weeks. You know that you are all done. What do you hope we'll all be saying about you and your administration?

Fuccio: That I was honest, that I didn't mislead people, that I tried to do what I felt was best, and that I had some success.

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