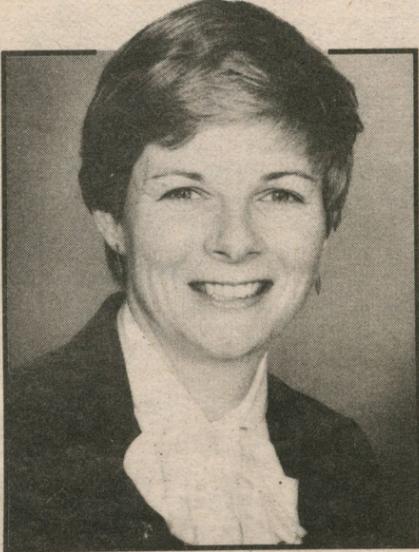


Stony Brook People

news

Upcoming issue:

Jazz is alive and well at Stony Brook thanks to the International Art of Jazz, Inc. We will take a look at this hot program as well as the new minor in Judaic Studies in the Jan./Feb. issue.



Fellowship, a Guggenheim Fellowship, a *Partisan Review* Fellowship and a Ford Foundation Grant-in-Aid. Mr. Baldwin is a member of the National Institute of Arts and Letters.

Spring Semester Schedule

Feb. 26	Bettina Gregory ABC-TV's Senior Assignment Correspondent	"Broadcast Journalism and the American Political Process"
March 5	Dr. Martin J. Klein Eugene Higgins Professor, History of Physics, Yale	"Niels Bohr: The Centennial of a Great Physicist"
April 29	Joseph Kerman Professor of Music, University of California, Berkeley	Sidney Gelber Distinguished Lecture

Prof. Bulloch named one of America's Top Young Scientists

In the December issue of the *Science Digest*, Karen Bulloch, assistant professor of research in neurobiology, was named one of America's Top 100 Young Scientists. Her citation is quoted below. "Karen Bulloch, Neuroimmunologist. Like a mapmaker giving definition to new terrain, Bulloch, 39, has traced an intricate network of nerve fibers that travel between the brain and thymus. She is convinced that the exchange of signals along these fibers plays an important role in the development of the thymus, a pivotal part of the body's defense system against disease. But she is uncertain in what way the nervous system governs the activities of T cells—those cells, produced by the thymus, that make up the cellular immune system. "In any case, Bulloch, an assistant professor at the State University of New York at Stony Brook, believes it's possible that a breakdown in the communication between the central nervous system and the thymus may be responsible for several neurologically related autoimmune diseases, such as *myasthenia gravis*, and that these avenues should be explored."



Author James Baldwin leads Distinguished Lecture Series

James Baldwin, the noted author of such novels and essays as *Go Tell It On The Mountain*, *Notes of a Native Son*, *Another Country* and *The Fire Next Time* will speak on February 14 at 8 p.m. in the Fine Arts Center Main Theatre as part of this spring's University Distinguished Lecture Series.

Lauded as one of America's finest writers, James Baldwin also has gained international prominence as a leader and spokesman for the Civil Rights movement. Mr. Baldwin has served for many years as a member of the National Advisory Board of the Congress on Racial Equality (CORE).

In *The Fire Next Time* (1963) Baldwin writes: "Yes, unspeakable—to be born, in a white country, an Anglo-Teutonic, antisexual country, black. You, very soon, without knowing it, give up all hope of communion. Black people, mainly, look down or look up but do not look at each other, not at you, and white people, mainly look away."

Baldwin has received many honorary doctorates and literary honors. He is the winner of a Eugene F. Saxton Memorial Trust Award, a Rosenwald



All-American swimmer honored with NCAA scholarship

A three-time All American swimmer has been awarded a \$2,000 postgraduate scholarship by the National Collegiate Athletic Association (NCAA).

Bjorn Hansen graduated last May from Stony Brook, having earned a bachelor's degree in only three years by completing a major in applied mathematics and statistics with a 3.82 grade point average. He is a graduate student this year at Stony Brook, where he will complete his fourth year of NCAA eligibility on the men's swimming team.

Hansen, a native of Denmark who lives with his family in Stony Brook, won All American ratings in NCAA Division III championships in 1982 and 1983.

Fred Jacoby, who chairs NCAA's Postgraduate Scholarship Committee, said, "Considering the number of potential candidates across the country, this award stands as a significant honor for the student and a tribute to your institution."



Conference aims to increase minority business transactions

Keith Hercules (right), deputy commissioner for the State Office of General Services, discusses processes for increasing minor business transactions with University President Marburger. Hercules was one of the speakers at Stony Brook's recent "Doing Business with SUNY" conference for minority and female businesses.

Although \$43,565.21 in purchases were made from minority and female businesses in August,

said SB Purchasing Officer Steve Wainio, it's "just a small percentage of the approximately \$3 million in overall purchases during that same month."

The objective of the conference was to increase the representation of purchases by Stony Brook from minority and female owned businesses, said Marion Metivier, director of Stony Brook's Equal Opportunity/Affirmative Action Office.



photo by Doreen Kennedy

Camelia Sadat speaks of Moslem women and late father

"With the technological revolution...Egyptian women can never go back," said Camelia Sadat. "They will maintain the pattern of feminine leadership established in recent decades."

The daughter of the late Egyptian president, Anwar Sadat, shared her views on the changing role of Moslem women with a campus audience recently.

She also recalled memories about her father, many of which will be included in a book she is writing titled *Sadat, My Father, My President*.



Dr. Rapaport stands with some of his kidney transplant patients

Prof. Rapaport heads NY transplantation program

Dr. Felix T. Rapaport, who heads the Transplantation Service in the Department of Surgery, has been elected president of the Regional Transplant Program of Greater New York, Inc.

The Regional Transplant Program, established in 1964, coordinates organ transplantation activities throughout the Greater New York region, functioning as a consortium of major hospitals and universities including Columbia/Presbyterian Medical Center, Cornell University/New York Hospital, Mount Sinai Medical Center, Albert Einstein Medical Center, Montefiore Hospital and Stony Brook.

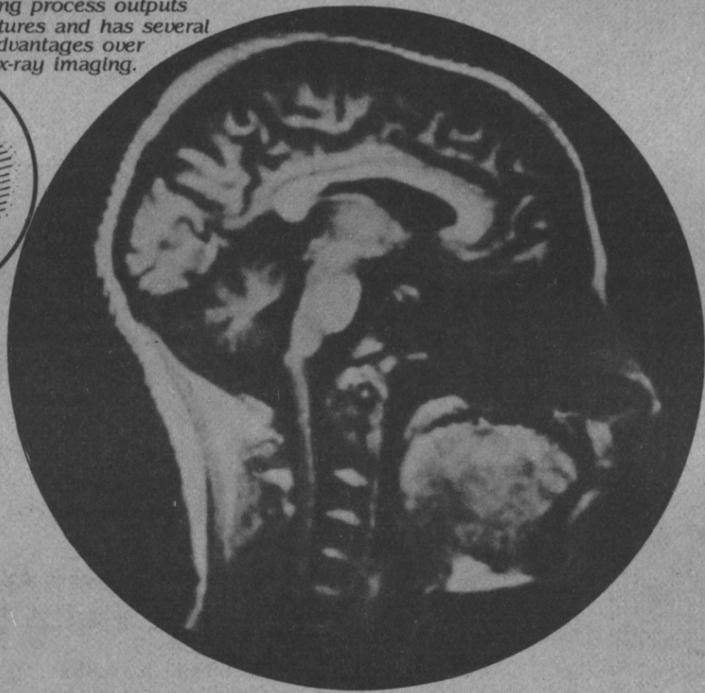
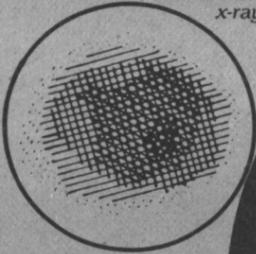
The organization has been obtaining an increasing number of major organs for transplantation operations. Last year it acquired 240 kidneys, 10 cardiac allografts and six livers.

Dr. Rapaport's program at Stony Brook, designated as Long Island's clinical and research center for organ transplantation, has achieved an 85 percent success rate with kidney transplants, nearly twice the national average. The program was established when University Hospital opened in 1980.

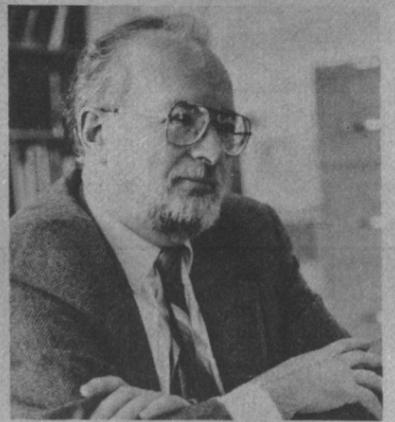
Dr. Rapaport is past president of the International Transplantation Society and editor of the journal *Transplantation Proceedings*.

(News continues on page 12)

When Prof. Lauterbur began his research, the Nuclear Magnetic Resonance Image was two-dimensional and shaded by hand. His first subjects, water tubes (left), were quite crude when compared to today's image (below). Because of improvements and the incorporation of computers, the imaging process outputs three-dimensional pictures and has several advantages over x-ray imaging.



Profile of NMR imaging father keeps growing



"The general idea began forming that same evening," said Professor Paul C. Lauterbur of a fall day in 1971. "A light bulb went off" and he began developing what would be a new generation of medical imaging machines which appear to have a number of advantages over traditional x-ray machines and even CAT scanners.

"I was with colleagues who were using NMR (nuclear magnetic resonance) to examine tissue cut from a cancerous tumor," Professor Lauterbur recalled. "It was interesting—they were getting some NMR signals from the tumor tissues that were different from those of the other tissues, but I thought it probably wasn't terribly important, unless you could do it without cutting into somebody."

So he began pondering and working. The result three years later was the first large-scale

nuclear magnetic resonance imaging machine. It's still in use, painted "blood-red," in a basement laboratory of the huge Chemistry Building where Professor Lauterbur does much of his current work on new NMR developments. But that "little red model T" of the NMR world already has been superseded by overlapping generations of more sophisticated NMR scanners—limousines or even space shuttles by comparison—already being used to examine patients in a dozen major medical centers.

For his theoretical and technical contributions which made possible NMR Imaging, Professor Lauterbur became one of five outstanding scientists receiving Albert Lasker Medical Research Awards, which are considered America's most prestigious.

The awards to Dr. Lauterbur and two other Americans, a Briton and a German were announced Nov. 14 by Mrs. Albert D. Lasker, President of the Albert and Mary Lasker Foundation. The winners were chosen by an international jury of scientists, chaired by Dr. Michael E. DeBakey, distinguished heart surgeon.

Dr. Lauterbur, who has been a faculty member at Stony Brook for 21 of its 22 years, received the \$15,000 Albert Lasker Award in Clinical Medical Research.

Scientists believe that NMR scanners developed through Dr. Lauterbur's work represent an invention as significant as the x-ray machine. The scanners reveal the body's internal structure more clearly than ever before through 3-dimensional imaging, without exposing patients to ionizing radiation and usually

without injecting contrast media.

The NMR scanning process involves placing objects within a magnetic field in a tunnel-like device, subjecting them to radiowave energy and recording the resulting signals to make internal images.

Dr. Lauterbur's original full-scale NMR imaging machine was built for just about twice as much money as he received for his Lasker Award. "That machine," he said, was "at least 50 times cheaper, with a magnetic field about 15 times weaker and a bore (cavity where object/subject is entered into the machine) about half the size of today's machines."

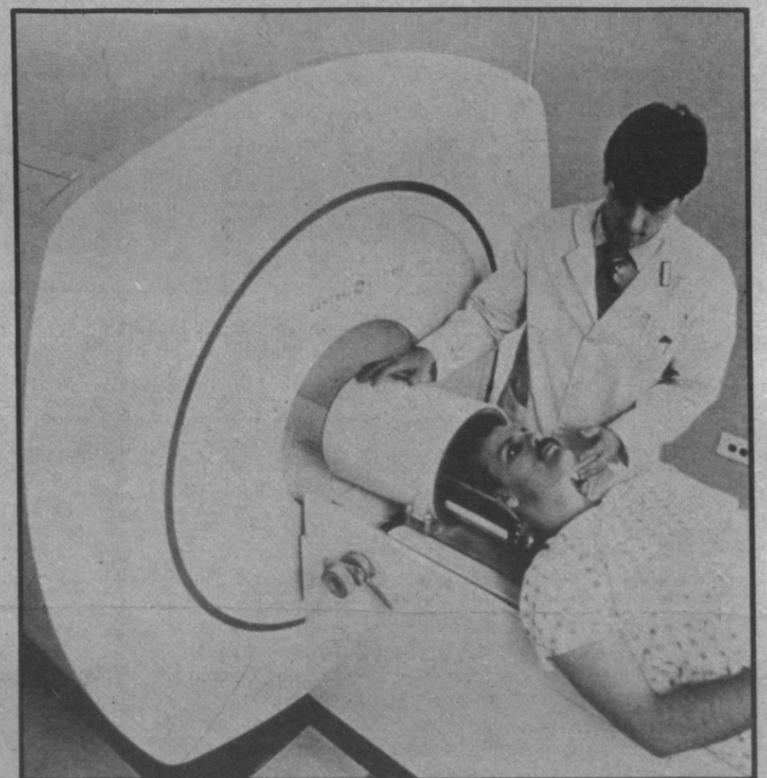
From 1981 to 1983, Dr. Lauterbur served as the first president of the Society of Magnetic Resonance in Medicine, an association of several hundred scientists working in the new NMR imaging field. He was editor-in-chief of that society's

journal, *Magnetic Resonance in Medicine*, 1982-83.

He has earned numerous honors. He will receive the Pittsburgh Conference's 1985 Maurice F. Hasler Award. He received the Franklin Institute's Howard N. Potts Medal in 1984; an honorary doctorate earlier this year from the University of Liege, Belgium; and the American Physical Society Prize in Biological Physics in 1983.

Dr. Lauterbur is a University Professor, professor of chemistry and research professor of radiology. He came to Stony Brook in 1963 as associate professor of chemistry.

Born May 6, 1929 in Sidney, OH, he received a B.S. in chemistry in 1951 from the Case Institute of Technology and a Ph.D. in chemistry in 1962 from the University of Pittsburgh.



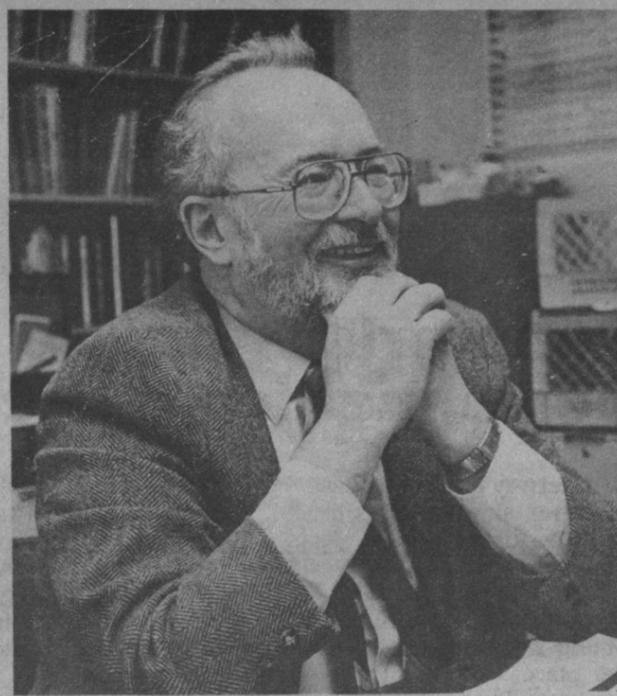
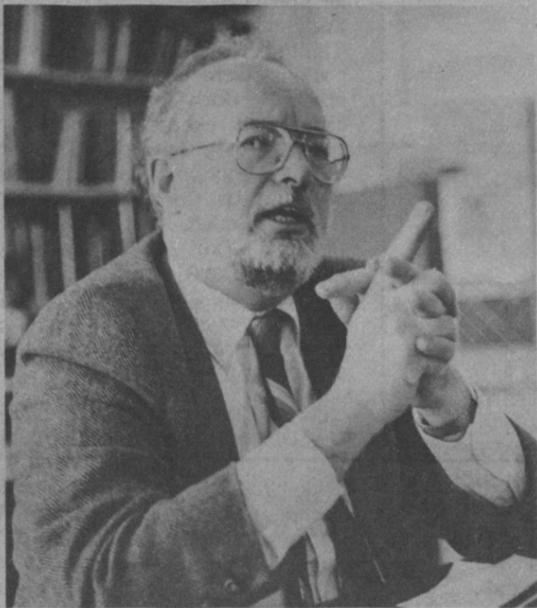
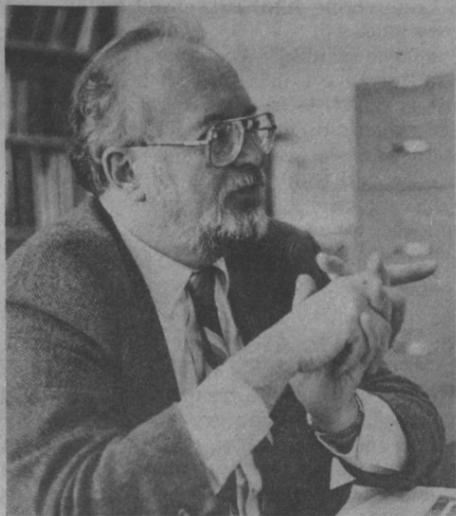
Stony Brook People

UPS 715-480

Vol. 15, No. 5 Nov./Dec. 1984

Editor: Margaret Shepherd
Writers: David Woods, Al Oickle
Alumni Director: Denise Coleman
Photos by HSC Audio-Visual Services unless otherwise noted.

Published six times a year in January/February, March/April, May/June, July/August, September/October and November/December by the State University of New York at Stony Brook, 335 Administration Building, State University of New York at Stony Brook, Stony Brook, NY 11794-0604. Distributed by the Alumni Association. Second class postage paid at Stony Brook, NY.



Gentle bear finds light in wilderness

In October 1982, a fiercely loyal secretary refused to interrupt Paul Lauterbur's busy laboratory work for a telephone call from the King of Sweden. Dr. Lauterbur, recently honored with the presentation of the 1984 Albert Lasker Clinical Medical Research Award, attracts that kind of loyalty from his friends and colleagues at Stony Brook and around the world.

Eventually, on that autumn day two years ago—about the time of year Nobel Prize winners are getting calls from the palace—Dr. Lauterbur was called away from his work for that phone call from Stockholm. It wasn't a Nobel Prize; the call was one of many Paul Lauterbur has received over the past decade with invitations to international events for the founder and pioneer of a new medical technique that provides more information, with less health

threat, than x-rays. With good humor, he thanked the secretary and made plans to attend the gathering in Italy that next spring to talk about his invention, nuclear magnetic resonance (NMR) imaging.

Enjoys music and wit

Those who have known the "gentle bear," as one friend described him, refer often to his capacity for sophisticated wit and the breadth of his interests in life.

Dr. Robert Schneider, associate vice provost for research at Stony Brook, cited Lauterbur's interests in music. "His tastes tend to range from country (he comes from Ohio, you know) to classical, with a little Kingston Trio in between. At one time he enjoyed folk singing with a campus group at a little inn just off the campus."

His reading is equally broad,

and from it has come a large vocabulary. Dr. Lauterbur is as precise in language as he is in laboratory note-taking. He wrote a description of his first efforts to create NMR images on Sept. 3, 1971—and had the entry witnessed and signed by a friend.

Dr. Schneider said Lauterbur is "a superb one-on-one teacher with graduate students." In fact, he added, "they don't always recognize immediately how much they have learned from him."

Bob Schneider also recalls a New Year's Eve party to which guests were invited to attend in costume. Paul Lauterbur "was sensational" dressed as a huge worm in a fabric costume with a dozen hoops.

Friends talk about his quiet wit and his modesty. Other Stony Brook faculty members who go back to the opening of the campus in the early 1960s still talk fondly of Saturday nights at Al Dowd's, an off-campus pub. "We would sit and talk for hours," recalled Dr. Thomas Irvine of mechanical engineering.

Pioneer of many trails

Dr. Sei Sujishi, dean of physical sciences and mathematics, is another who has enjoyed the easy humor of the research genius. "Not high humor," he said, "just easy wit." He remembers Lauterbur for more. "He was the chief architect of the (graduate) Chemistry Building. In fact, he took a semester off to help get it under way," Dean Sujishi recalled.

That pioneering role on campus, and in research, was cited by President John H. Marburger in his nomination of Dr. Lauterbur for the Lasker Award. He wrote: "We are particularly proud of Professor Lauterbur's achievements because he has been on our faculty since receiving his doctorate. Much of his development as a premier scientist parallels that of Stony Brook's rise to prominence."

Sharing the campus pride in Dr. Lauterbur's recognition is Dr. Francis Bonner, who hired the new Ph.D. when he headed the Department of Chemistry. Dr. Bonner, now dean of international programs, said, "By that time (1963) he was already known as the founder of Carbon 13 NMR spectroscopy. That has gone on to become an enormously important experimental tool for chemistry."

Dr. Bonner likes to tell the story of how the founder of NMR imaging first learned about nuclear magnetic resonance equipment. He was in the Army when an NMR instrument arrived on base. Nobody knew anything about it, so he and another Army chemist opened it up and figured out how it worked.

Natalie Feiss may know Dr. Lauterbur as well as anyone on campus. She is assistant to the chair of chemistry, Dr. Lauterbur's home academic department. "When I think of Paul Lauterbur," she said, "I think of all the years he waited in the wilderness—a long, long time—with little or no money, without recognition, but with a conviction that what he was doing was right."

Gains recognition galore

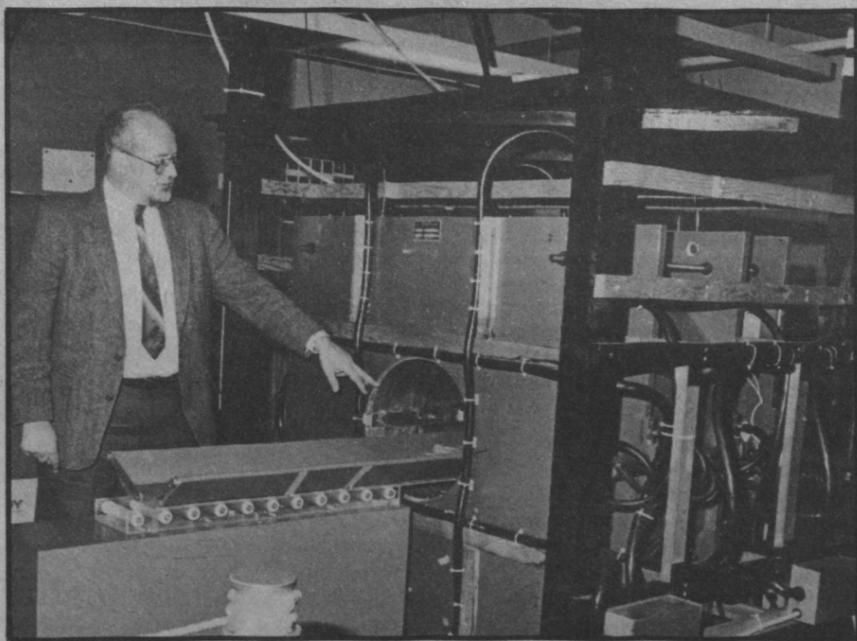
The recognition has come, of course. "It's great that he has this incredible ability to travel. He's all over now—Iceland, Italy, England, the Far East. He has been invited to so many meetings. He is so enormously in demand," she added.

With all that, however, he is still the man he thinks of himself as being—"just a guy doing his job." His chalky office has souvenirs from his travels and a few awards hung on the walls. He enjoys relating how graduate students named one of the first living subjects used for NMR imaging, a dog. He laughs when he says: "They called him 'Professor.'"

And there is Paul Lauterbur taking a call on a telephone line he shares with another faculty member and walking down the hall to leave a note on the colleague's office door. And when a photographer sets up her equipment, he jokingly pulls his jacket over his bearded chin and pretends he is hiding from cameras.

In his large office overlooking Long Island Sound, and in his laboratories in the Chemistry Building's basement, Paul Lauterbur works with the energy and the vision that have earned him the spotlight away from "the wilderness." But there is still time for tennis, a new undertaking, and other activities outside the research lab.

Prof. Lauterbur proudly exhibits his original NMR imaging machine (right), one of two still in use. The machine, painted "blood-red," was built for about \$30,000. Today's machine (left) is 50 times more expensive, he says, with a magnetic field about 50 times greater and a cavity twice the size as his original.



Teamwork is key to sports medicine section

Stuart Cherney is like a new home-owner showing a visitor through the dream house he is building.

He points proudly to new acquisitions and explains how everything will be used in his greater plan.

The visitor sees an impressive layout; Stu Cherney sees more—the visions of his dream.

The "house," in this case, is the new Sports Medicine Section at University Hospital in Stony Brook's Health Sciences Center. It's the first in a Long Island hospital. Stuart Cherney, M.D., who is assistant professor of orthopaedics in the School of Medicine, heads the Sports Medicine Section.

The section, designed to meet the instruction, research and public service missions of the University, was introduced to the public Dec. 4 at a reception attended by University officials (including J. Howard Oakes, vice president for health sciences) and scores of others from the University community who have helped prepare this newest Long Island health/research service.

Dr. Cherney has been working on establishing this intradepartmental activity since coming to Stony Brook more than a year ago. It's been a busy year; he logged 2,000 patient visits in his first year. "And Tom and I have made, I swear, at least a thousand telephone calls to get the equipment we want," he said, referring to Thomas J. Sansone, clinical assistant professor and director of physical therapy at Stony Brook's School of Allied Health Professions.

Patricia Connolly is the third member of the team (that's a word Dr. Cherney uses often in referring to the new service's personnel) and the only sports physical therapist on the staff at present. Meanwhile, trainers in the Department of Physical Education and Athletics and students in the School of Engineering and Applied Sciences are also involved. In the months ahead, Dr. Cherney hopes to involve other areas, including psychology and nutrition, which have special applications to sports medicine.

Not just for athletes

"Sports medicine," Dr. Cherney is quick to point out, "is more of a philosophy of treatment than a practice of medicine aimed at one type of patient."

A visit to the fifth floor facilities just down a hall from the University Hospital's main lobby shows that the clinic is not limited to athletes. On a recent afternoon, an exercise room had three patients—two women aged 60 or older and a young man in his 20s. Only the man was recovering from a sports injury,

yet all three required the same kind of medical help. Nevertheless, more than half of all patients are involved in athletics.

A distinguishing characteristic of the sports medicine practitioner, Dr. Cherney pointed out, is an understanding of the physical aspects of a sport. "What a pitcher throwing a baseball does with his shoulder, elbow, arm, wrist, hand, waist, legs and feet, for example, is important to know in treating a pitcher's throwing arm," he said.

"Pat Connolly can just look at a patient working out at running and pick out the flaws that can cause physical problems and be corrected," he added.

Section grows toward dream

The Sports Medicine Section may have seemed to pop up full-grown



Thomas Sansone, (left) director of physical therapy is one of the links that form the new sports medicine team. Stuart Cherney (right) examines the knee of recent graduate Bob Greifenstein. The X-ray (below) shows Dr. Cherney's handiwork on Greifenstein's knee which included pins and staples.

with its opening reception Dec. 4. But, in fact, its conception took place more than two years ago when a campus group first sat down to explore the idea. That gathering, sparked by then Hospital Director Michael Elliott, included Dr. Roger Dee, who chairs the Department of Orthopaedic Surgery; Dr. John Partin, head of Pediatrics; Dr. David H. Cohen, who chairs Neurobiology and Behavior; Professor Henry von Mechow, head of Physical Education; Professor Sandra Weeden, director of women's athletics; and several others.

From that session came a determination to meet the need for sports medicine at Stony Brook, and from that came \$100,000 to establish the necessary facilities. Through careful planning, the Sports Medicine team was able to combine three former offices and part of a wide corridor with space next to existing exercise and training rooms in the University Hospital's rehabilitation area.

Then came the long chore of choosing the equipment. Most of it was ordered from a well-known Long Island Nautilus firm. The firm, for instance, supplied a Cybex II dual channel recording isokenetic dynamometer, which measures a range of motions in

Here is a summary of how the Sports Medicine Section is meeting the University's missions:

RESEARCH

Early efforts include evaluating effects of certain machines in muscle training. Research is the slowest in starting up because equipment and then patients were necessary in order to provide the resource material for research. Both Mechanical and Electrical Engineering have expressed an interest in researching motion, Dr. Cherney said.

The section is working on developing agility, teaching avoidance of motions that harm a joint (a knee, for example) for which surgery is not possible. Dr. Cherney said the goal of this research is to publish results.

Scheduled to start soon is evaluation of athletic injuries in University Hospital's Gait Laboratory, using computers to assist with analysis. Primarily knees and ankles will be researched. And, by mid-1985, the Sports Medicine Section hopes to be using high-speed video equipment and computers for motion analysis. "It will be possible to analyze, for example, a discus thrower's motions—using a net to catch the weight, of course," Dr. Cherney said, laughing.

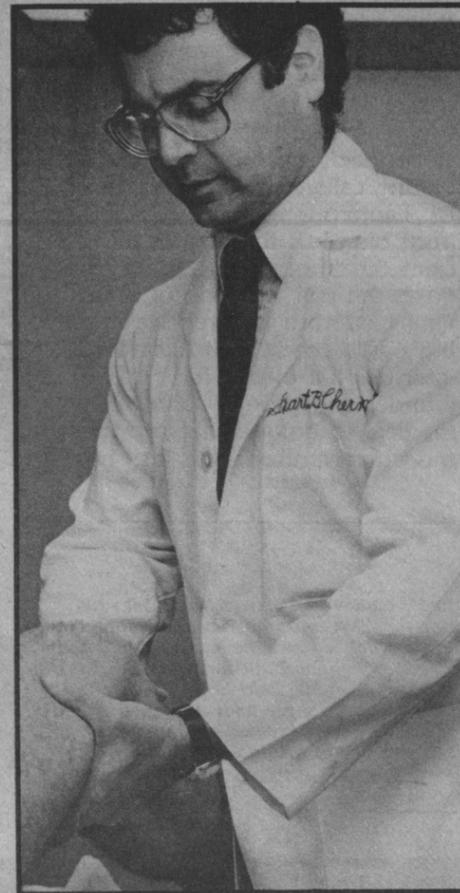
INSTRUCTION

The Department of Family Medicine is rotating its resident physicians through the Sports Medicine Section. The School of Nursing has had undergraduate students doing voluntary practicum there. Among them was Barbara Gubbins, who became Stony Brook's first cross-country All American runner in 1983 and, therefore, has a special interest in sports and medicine. The Physical Education Department's trainer, Kathy Koshansky, and assistant trainer, Ira ("Stu") Levine, have been assisted in working especially with post-operative and post-injury athletes.

And within the medicine/health community, Dr. Cherney has founded a Sports Medicine Journal Club. Members include both medical and physical therapy students and professionals. They circulate and read journal articles covering all phases of sports medicine from anatomy to x-rays and from mechanical technology to the application of physical therapy.

PUBLIC SERVICE

Those 2,000 patient visits the first year are the most apparent examples of public service. University athletes, other students and faculty and staff members, accounted for more than a third of the patients. Athletes from area secondary schools and colleges composed the rest of the cases. Dr. Cherney, working with Dr. Colin Martindale of the Department of Physical Education, arranged a Sports Medicine Colloquium on campus last spring for more than a hundred Long Island high school and college physicians, coaches, trainers and athletes.



Burn center fulfills community need

The only burn center on Suffolk County has opened at University Hospital.

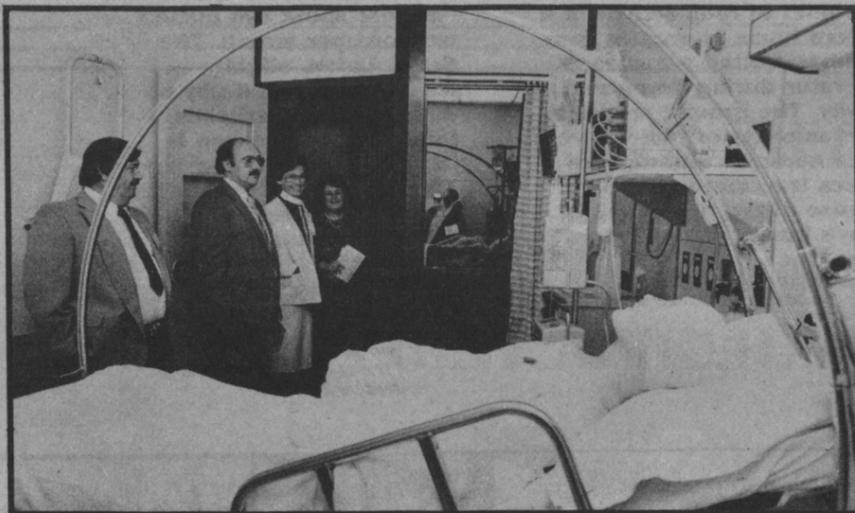
The \$1.3 million, six-bed unit will be the second on Long Island specialized to treat burn victims.

"It will fill a large gap in health care for our region as the first burn center serving all of Suffolk County and as a new center expanding the current burn treatment capability of the entire New York City metropolitan region," said the hospital's executive director, William Newell.

"It's something we've needed in Suffolk County for a long, long time," said Rick Doran, chief of the Setauket Fire Department, one of the dozens of fire companies represented at the center's dedication ceremony. "We won't have to helicopter burn patients to Nassau County Medical Center or New York anymore."

Fire officials, regional health planners and local legislators lobbied intensively for the center, the first to directly serve Suffolk County's 1.2 million residents. As a result of the opening of the facility, ambulance crews will save up to an hour, perhaps more, of critical transport time.

"Time is often of the essence"



Suffolk County's first burn center opens at University Hospital equipped with state-of-the-art units.

in treating burn cases, Newell said.

The Burn Center, which has already accepted its first patient, is located in a futuristic setting in a 20-room suite on the fourth floor of University Hospital. The unit has its own air flow system to protect patients from infection. Above each bed hangs a curved shield that can emit radiant heat over a patient's body to make up for the loss of body heat that

burn patients experience.

Computers in each room are capable of monitoring a patient's temperature, brain waves, blood pressure, heart rate, breathing and fluid balances. That information will be fed to a 25-foot, semi-circular computerized station at the center of the unit. The cost of staying in the unit is about \$1,000 per day per patient, said Newell.

Physical therapist
Patricia Connolly encourages Greifenstein to build up and test his knee on one of the center's various rehabilitation equipment.

Stiff knee becomes mobile



It probably would be wrong to say that soccer was Bob Greifenstein's whole life. But it was big enough that the Stony Brook 1983 graduate had hopes to take up the New York Arrows on their offer for a professional league tryout.

A Patriots soccer player during his undergraduate years, Greifenstein gave up those hopes early this year when, ironically, he injured his right knee in an indoor industrial soccer league game. He became first a patient of Dr. Stuart Cherney at Stony Brook's University Hospital...and then the most faithful, determined patient in the Sports Medicine Section.

Because of the care he received, and the sports medicine rehabilitation equipment and facilities that he still uses every Tuesday and Thursday from 2 to 4 p.m., the tall, rangy engineer will be able to ski and, he says, "play a little soccer with my kids some day." That's a remarkable gain for a young man whose right leg was stiff, unbending at the knee just a few

months ago.

Dr. Cherney had him in surgery for 5½ hours. Bob had torn two of the four major ligaments in the knee. Simply stated, he was on the operating table for "repair and replacement." But the surgery was a bit more complicated. One of the ligaments was repairable, and Dr. Cherney was able to close the tear by directly suturing the ends together as well as stapling the ligament back to the bone.

The other ligament was torn beyond repair. Dr. Cherney replaced it by moving another nearby ligament, a piece about 150 millimeters long and 15 millimeters wide. The substitute tissue was joined on both ends to replace the lost ligament; the other ligament was rejoined, sufficiently strong to provide Bob's knee the support it needs.

The knee was very stiff after the operation. Dr. Cherney and Physical Therapist Pat Connolly began a regimen that included exercising three times a week, an hour each time, and then whirlpool baths for the knee in order to reduce the swelling

and pain. Exercises were designed to help the recovering patient regain motion. Dr. Cherney explains: "Stretching and weights were most useful in helping to strengthen the leg's and knee's muscles without compromising critical surgery."

In late October, Bob Greifenstein began running, an activity that brings weight and pressure down on the knee and offers the surgery the greatest test yet.

Could this patient return to soccer? "He could," Dr. Cherney says, "but I would hope he wouldn't."

Greifenstein nods. "I hope I can kick a ball around informally with my kids eventually. But I've given up the idea of playing professionally, or even in the industrial leagues."

The 23-year-old Centereach resident walks now with only the slightest limp. For him, the new Sports Medicine Section has been a comfortable and pleasant place in which to recover from a potentially life-long disability.

FACULTY NOTES

The following professors have been awarded a 1984 John Simon Guggenheim Fellowship: **Frederick Brown**, French and Italian, for researching the life of Emile Zola; **Jeffrey Cheeger**, mathematics, Riemannian Geometry; **George Stell**, mechanical engineering and chemistry, "analytic applications of statistical mechanics;" **Amos Yahil**, earth and space sciences, theoretical astrophysics...**Seymour S. Cohen**, Distinguished Professor of pharmacology, has been named an honorary citizen of Montpellier, France, in recognition of his scientific achievements in the field of molecular biology...**Leslie Craig Evinger**, assistant professor of neurobiology and behavior, received a \$25,000 fellowship from the Alfred P. Sloan Foundation...**Donald Fry**, professor of English, has been chosen to receive a 1984 American Council for Learned Societies Fellowship...**Steven A. Kivelson**, assistant professor of physics, has been awarded a 1984 Alfred P. Sloan Fellowship. Dr. Kivelson was selected from among the 400 candidates nominated for this award by senior university scholars...**Lee E. Koppelman**, professor of political science, was recently named an honorary member of the American Institute of Architects...**Lynn Kuo**, assistant professor of applied mathematics and statistics, has received the 1984 American Statistical Association's and the U.S. Department of Agriculture's Statistical Survey Institute Fellowship...**Nina Mallory**, associate professor of art, has been named a recipient of the Samuel Kress Foundation Award for her translation and annotation of Antonio Palomino's *Lives of the Eminent Spanish Painters and Sculptors*...**Declan X. McMullan**, lecturer in physical education, has been named the Women's Metropolitan Collegiate Basketball Association's Division III Coach of the Year...**Jane Porcino**, assistant professor of health sciences, has been appointed by U.S. Representative Robert J. Mrazek (D-N.Y.) to his Health Care Advisory Board and by Suffolk County Executive Peter Cahalan to his Task Force on Aging...**Paul Baer**, chair of the Department of Periodontics, was elected president of the New York State Society of Periodontists in October for a two-year term...**Ruth Brandwein**, dean of the School of Social Welfare, has been named to the board of the United Way of Long Island...**Charles W. Kim**, associate professor of microbiology, was elected vice president of the International Commission on Trichinellosis at the Sixth International Conference on Trichinellosis held in Montreal...**Craig Lehmann**, clinical associate professor of medical technology, has been selected as an Outstanding Young Leader in Allied Health by the American Society of Allied Health Professions...Dr. **Steven Jonas**, associate professor of community and preventive medicine, has been named vice chair of the American Medical Triathlon Association...**Gisele Kapuscinski**, assistant professor of French and Italian, has been awarded the French Ministry of National Education's "Palme Academique"...**Rose Coser**, professor of community and preventive medicine, has been elected vice president of the American Sociological Association...**Joel H. Spencer**, professor of mathematics, has received the Mathematical Association of America's Lester R. Ford Award...**Lenora McClean**, dean of nursing, has been elected to a two-year term as vice president of the Middle Atlantic Region Nursing Association...**Herbert C. Hoover, Jr.**, associate professor of surgery and chief of surgical oncology, has been awarded a 1984 Charles B. Thornton Advanced Technology Achievement Award by Litton Industries for his work in the development of tumor-specific human monoclonal antibodies. The prize carries an election to the Inventors Hall of Fame...**Jay S. Schleichorn**, chair of the Department of Physical Therapy, has been named a recipient of a Lucy Blair Service Award by the American Physical Therapy Association (APTA)...The American Fisheries Society has given its 1984 Award of Excellence to Dr. **J.L. McHugh** of the Marine Sciences Research Center...**Sheldon Scher**, associate director of the Division of Laboratory Animal Resources in the Health Sciences Center, has received the first Joseph J. Garvey Award by the American Association for Laboratory Animal Science...Dr. **Edmund J. McTernan**, dean of the School of Allied Health Professions, was installed as the 18th president of the American Society of Allied Health Professions.

And the professors said...

Seminar subjects ranging from nuclear concerns to the history of Long Island gave returning students much to choose from. Here are selected quotes from speakers:

"Two-thirds of the women in the workforce are single, divorced, separated or have husbands who earn less than \$15,000. Women have been traditionally ghettoized into what is now called the pink collar professions, the secretary, housecleaner, nurse, etc. which tend to be categorized into the positions earning lower wages."

Ruth Brandwein
Dean of the School of Social Welfare
"The Feminization of Poverty: What does it Really Mean?"

"The level of radioactivity in a modern home is greater than the level around a nuclear generator during its normal activity. The ground releases trace amounts of radioactive gases naturally and modern houses trap more of them because of the upgrading of today's insulation materials."

Dr. John H. Marburger
University President
"Nuclear Reactor Safety"

"We test about two nuclear weapons per month. The Soviet Union, slightly less....When asked why we have so many warheads, I think that one reason is because the industries and laboratories involved in the manufacture and testing of these weapons exert great influence."

Lester Paldy
Dean of Continuing Education,
Associate Professor of Technology and Society.
"The Elusive Comprehensive Nuclear Test Ban"

"Our current educational system passes a lot of information onto the student, but it doesn't spend a lot of time teaching under what conditions this knowledge can be used. Computer programs can be designed to tutor the student in this area."

David Ferguson
Assistant Professor of Technology and Society
"Computers, Learning and Knowledge Engineering"

A closer look:

Armed with lecture notes and a map of Southeast Asia, Professor Michael Barnhart spoke to his group about the events classified as the Vietnam War. A quote from his lecture follows, as well as an opinion from one of his students.

"The CIA did remarkably well in reading the situation in Vietnam in reporting that the bombing campaigns were not completing any of their military objectives."

Michael Barnhart
Assistant Professor of History
"Vietnam after Ten Years"



"I enjoyed Prof. Barnhart's seminar on the Vietnam War very much. Having attended Stony Brook during that war, I was particularly struck to be sitting in a Stony Brook classroom listening to someone about my own age lecture on the war as history."

Catherine Minuse '72



COLLEGE DAY '84

Attentions were captivated by the stimulating professors speaking at this year's College Day. Chair Lillian Thurau '78 relaxes because her planning is over and enjoys the intellectual give and take not readily available after graduation.

"Are academic standards still as tough as when I went to school?"

This question is foremost in the minds of many alumni when thinking about their alma mater. Somehow, it makes us feel proud to recall the rigors of our college education and we continue to demand academic excellence from our successors.

To prove Stony Brook's commitment to high educational standards, Dean Paldy passed out quizzes to the astonished alumni that attended his College Day 1984 lecture. "This should reassure you," he said with a smile. He added that the good news is that it was a take home quiz.

Dr. Paldy's seminar on nuclear weaponry was just one of nine stimulating lectures held during the fourth annual College Day. Dubbed as one of the most important experiences this office can offer you" by Director Denise Coleman, College Day 1984 brought back 70 alumni.

The returning students did not

outwardly appear much different than the students that attend Stony Brook today. Some were dressed as if ready to make a business presentation, others were more casual in jeans and sweaters. But perhaps there was a bit more attention given their instructors, as students, some starved of this type of classroom experience, listened eagerly, scribbled notes and asked questions.

"The exhilaration of having such extraordinary minds available in such a setting is always a delight," said Norman Thurau of the faculty. "The ideas, thoughts and material really demonstrated that Stony Brook is an intellectual centerpiece on Long Island."

College Day Chair Lillian Thurau '78 reminded the returning students what University President John H. Marburger told last year's group: "He said that he felt as if his intellectual universe had collapsed after graduation from Princeton." Typically, after graduation the learning process

continues, but the scope of learning narrows.

Dr. Marburger, the luncheon speaker, explained the basic make-up of a nuclear reactor, how it works and how and what radioactive materials can escape from one. The president headed a state commission reporting on the Shoreham nuclear reactor and its potential affect on the surrounding communities.

Whereas most of the day was spent deliberating upon current research and theories, lunch provided the alumni with a chance to converse and look back with their former classmates.

"Remember when the Van de Graaff couldn't fit under the end of the bridge so they had to build a whole new road in order to install it into its building?" said Rosanna H. Berger '69 to friend Cheryl Zuckerman '69. Memories mingled with a real curiosity about Stony Brook's modern day students, which, if even for just a day, alumni got a taste of what it felt like to be again.

More from the professors...

"I think we will find that there is much more on Long Island than meets the eye. Keep in mind as you're trampling along the coast that you may be walking upon some early settlements that may date back 10,000 to 11,000 years ago."

Kent Lightfoot
Assistant Professor of Anthropology
"The Study of Prehistoric Hunter-Gatherers: A Case Example from Eastern Long Island."

"Chronic pain requires treating the somatic, affective and cognitive components to effectively help the chronic pain patient."

Harold Pass
Director of Psychology, University Hospital
"The Treatment of Chronic Pain: An Overview"

"The authors are aware that Latin America is somewhat distant from reaching its Utopia. It lives in both the jet age and the mass production age. It also lives in the feudal age. The contemporary novel tries to address this world in a dual fashion."

Roman de la Campa
Associate Professor of Hispanic Languages and Literature
"Latin American Literature in a Revolutionary Age: The Writer and the Critic"

"There are more teachers of English in the Soviet Union than there are students of Russian in the United States. That can give you some idea as to the lack of effective communication between the two countries."

Nicholas Rzhewsky
Assistant Professor of Russian
"Confrontations and Other Problems in Dealing with Soviets"



A year ago the University presented a challenge to its graduates; contribute to the Annual Fund and support your University. The challenge was accepted and hundreds of alumni contributed. Some gifts were for restricted purposes through the Patriots Club, VIP Club and the Class of 1970 Scholarship appeal, or individually designated for purposes.

The University benefits greatly from unrestricted gifts. The State of New York has been supportive in providing for basic operating expenses. But excellence can only be maintained by offering our faculty and students quality opportunities in education and research. Private dollars make the difference and *your* contribution is vital.

The 1983-84 Annual Fund was geared to raising dollars for the enhancement of undergraduate life. Already your contributions have gone toward athletic equipment purchases, better coaching, physical plant improvements, campus beautification, and the effort by the vice president for student affairs at initiating the first major conference for students, faculty, staff and alumni. This conference will take place off campus and be a vehicle for improving communications between the University's major constituencies.

THE ANNUAL REPORT of the State University of New York at Stony Brook FIRST ANNUAL FUND

1982-83	Total	—0—
1983-84	Total	\$32,701.94

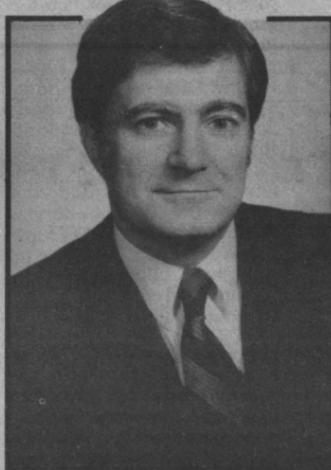
Wow, What a Difference!

Last year, Stony Brook asked all alumni and friends for financial help in the first systematic Annual Fund campaign ever mounted at our University. It was high time. Squeezed budgets and rapidly mounting expenses have widened the gap between what the State of New York provides in our basic operating budget and what it takes to offer the quality education that our students deserve.

We need your help again this year to close the quality gap and to make it possible for talented young people to earn a Stony Brook degree. Tuition and expenses for an in-state student living on campus now total more than \$6,000 per year. That's a bargain for a Stony Brook education, but it is still more than many of our students can afford, even after state and federal aid.

Stony Brook's outstanding academic reputation continues to soar. Our graduates are moving on to the world's best post-baccalaureate programs (including some right here on our campus). There is a new focus on student life and on the undergraduate experience. Our new hospital, new research programs, new curriculum and new athletic teams all add to a new excitement at Stony Brook.

We need your help to keep up the momentum. Your Annual Fund contribution is a vote of confidence in Stony Brook's future. Thank you.



The 1983-84 Annual Fund was Stony Brook's first comprehensive campaign that offered alumni an opportunity to share in the enhancement of our University. Thank you for accepting this offer and making the campaign the success it was. Each contribution brought us one step closer to our goal.

The funds that were raised went directly to the enhancement of the quality of life for undergraduates. As graduates of the University, we all can point to fond memories, special friends and the excitement of education. Yet as students, we all understood the need to improve the "quality of life."

Campus has changed since many of us left; out of mud has grown beautiful buildings, landscaping and a sense of belonging. The alumni constituency of the University is as much a part of this new look as the current students. We are the University's product; its history.

I invite you to come back to campus and experience the excitement once again.

Sincerely,

Denise Coleman

Denise Coleman '77
Director, Alumni Affairs
and Annual Fund

Sincerely,

John Marburger

John H. Marburger
President





Honor Roll of Contributors

Mary Abad '82	Carol Berlinghof '62	Jacqueline Cassel '82	Gertrude Delchmann '72	William Eisner '83	Jean Friedman '73	Holly Johnson '73	Howard Newman '72	Janice Spillane '78	\$50-\$100	\$100 and over
David N. Abatian	Christine Castaldi '82	William Deller '80	William Deller '80	Clare Frost '70	Nancy J. Stambler '78	Pamela Kalres '69	Susan Nudelman '76	Nancy J. Stambler '78	Amy J. Abrahams '72	Joseph Buscareno '66
Arthur Abelman '74	Mary A. Bernero '72	Joyce A. DeLuca '69	Joyce A. DeLuca '69	Norman J. Kanter '75	Vivian Stein '80	Susan O'Brien '79	Johanna O'Brien '79	Vivian Stein '80	Mark W. Allen	Gary DiPillo '70
Larry Abowitz '75	Raymond J. Belgun '69	Vincent DeLuca '77	Vincent DeLuca '77	Frederica O'Connor '79	Ellsworth Stephenson	Tom Galgano '71	Frederica O'Connor '79	Ellsworth Stephenson	Richard Averback '73	Leonard Dreyfuss '72
Joseph Abramo	Iris Bing '68	Mildred DeMarco	Mildred DeMarco	Edward Galias, Jr. '74	Daniel Strauss '72	Brenda L. Kasper '82	Thomas D. O'Hara '77	Daniel Strauss '72	Lois Brody	Robert A. Geary '68
Lisa Abrams '79	Glenn Bianco '82	William G. DeMers '78	William G. DeMers '78	Harold Z. Ollin '78	Richard T. Strauss '77	Chester Katz '72	Harold Z. Ollin '78	Richard T. Strauss '77	Sandi Brooks '78	Andrew Glass, Jr.
Sylvia Abualy	Brian Bilnderman '74	Robert A. DeMotta '74	Robert A. DeMotta '74	Claire Olsen '78	Maurena Taylor '69	Robert J. Kaufman '72	Claire Olsen '78	Maurena Taylor '69	Robert E. Burns '73	Carl E. Hanes, Jr.
Dr. Michael Ackley '82	Mary Blundell '69	Gerl DeNardo '83	Gerl DeNardo '83	Linda Owens '75	Janet Testaverde '74	Richard Kennedy '73	Linda Owens '75	Janet Testaverde '74	Hugh Cassidy '74	Walter H. Jacobs
Richard Adamo '82	Angela M. Boccio '81	Michael DePaoli '76	Michael DePaoli '76	Joanne Pantoliano '82	George Thomann '73	Ann Kloitsche '71	Joanne Pantoliano '82	George Thomann '73	Paul W. Chase	Erik Kusko '82
Frank Agovino	Steven Bodmer '82	R.S. Feder '71	R.S. Feder '71	Mark Pass '76	Norman Thurau '78	John T. Koehler '77	Mark Pass '76	Norman Thurau '78	Anne Clarke '82	George R. Lee '78
Laura I. Aldala '74	Phillip Boehn '77	Theodor Feigelman '72	Theodor Feigelman '72	Kaye Pinc '81	Lillian Thurau '78	Stephanie Kogan '74	Kaye Pinc '81	Lillian Thurau '78	Kay L. Cowan	Dr. Denise Logan '77
J. Aiello	Thomas Bondanza '72	Marc C. Leavitt '70	Marc C. Leavitt '70	Dr. Melvin L. Reich '62	Robert Tierney '78	Theresa Gehm '71	Dr. Melvin L. Reich '62	Robert Tierney '78	Kathleen Darling	Joseph W. McDonnell '73
Peter Albert '75	Geraldine Bone	Richard Rels '67	Richard Rels '67	Jeffrey Resnick '70	Maureen Tillwitz '71	Richard Lee '72	Jeffrey Resnick '70	Maureen Tillwitz '71	Gary Alan DeWaal '76	Catherine J. Minuse '72
Rodolfo Alforque	Stanley Borenstein '83	Peter V. Ribuffo '79	Peter V. Ribuffo '79	Leonard A. Levitt '72	Robert E. Turchler '82	Sam Germana '81	Leonard A. Levitt '72	Robert E. Turchler '82	Nancy R. Ehrlick	Kenneth Filmanski '75
Al Allo	Thomas Bory '73	Raymond Rieff '78	Raymond Rieff '78	Joan Germeroth '82	Joseph R. Vargas '79	Joan Germeroth '82	Joan Germeroth '82	Joseph R. Vargas '79	Kenneth Forseth '71	Adrienne Mirro '75
Kathleen Aliperti '76	Janet Bossert '80	Regan Rockhill '72	Regan Rockhill '72	Sanford Gemstel	Sergio Vargas '75	William Lim '82	Sanford Gemstel	Sergio Vargas '75	Steven Gasner '77	Bobak Movahedi '82
Clyde Albaugh '75	Brederick Botway '79	John Lucas '70	John Lucas '70	Dennis Gianconiere '80	Barbara Geller	John Lucas '70	Dennis Gianconiere '80	Barbara Geller	Barbara Geller	Anne Oaks '77
Audre Allison '75	James Boyle '78	Willia G. Makow '75	Willia G. Makow '75	Suzanne Feustel '82	William Graham '74	Willia G. Makow '75	Suzanne Feustel '82	William Graham '74	Carol McVilly '83	Dr. Howard Oaks
Kathleen Allorto '76	Walter J. Boyjes '81	Lois Ann Gibney '80	Lois Ann Gibney '80	Frank G. Marcovitz '79	Keith Johnson '81	Lois Ann Gibney '80	Frank G. Marcovitz '79	Keith Johnson '81	Gary P. Visco '71	Susan Pickman '80
Mr. & Mrs. Simon Altabet	Anne Bozza '69	Daniel Goldbeck '73	Daniel Goldbeck '73	Carol Mazarese '74	Marc H. Klee '75	Daniel Goldbeck '73	Carol Mazarese '74	Marc H. Klee '75	Richard Vollaro	V. Ramanathan '74
Frances Altomero '65	Gregory Bradley '75	Eric A. Goldstein '77	Eric A. Goldstein '77	Naomi Rosenthal '77	Alan Rosofsky '67	Gregory Bradley '75	Naomi Rosenthal '77	Alan Rosofsky '67	Gene Vuozzo '81	Ted Klinghoffer '75
Richard Altieri '71	George Cosgrove '74	Michael S. Goldstein '74	Michael S. Goldstein '74	Anthony Mazzurco '72	Maureen Walsh '76	George Cosgrove '74	Anthony Mazzurco '72	Maureen Walsh '76	Robert Wallace	William Siroy '77
Steven Amara '77	Daniel Costello '80	Peter J. Goyette '81	Peter J. Goyette '81	John McClure '76	Catherine Wang '82	Steven Amara '77	John McClure '76	Catherine Wang '82	Leslie Wapnitsky '75	Leonard Spivak '64
Giovanna Amato '80	David Braverman '81	Sheila E. Meehan '79	Sheila E. Meehan '79	Robert McKee '73	John R. Warkentin	David Braverman '81	Robert McKee '73	John R. Warkentin	John R. Warkentin	Todd J. & Lisa Swick '71, '73
Richard Amato '69	Richard Bravman '78	Mary Kay Melden '78	Mary Kay Melden '78	Rhonda Rubin '80	Glenn Weltzman '78	Richard Amato '69	Rhonda Rubin '80	Glenn Weltzman '78	Donald Sanders '70	Mark D. Turkel '70
Michael Ambrosino	Marian Breitbart '71	Joanne D. Salustri '75	Joanne D. Salustri '75	Jonathan Salant '76	Fredric Wessler '79	Michael Ambrosino	Jonathan Salant '76	Fredric Wessler '79	Ronald Sarner '69	Lourdes E. Villamil '81
Diane L. Anderson '71	Anne Breitstela	Donald Sanders '70	Donald Sanders '70	Joanne D. Salustri '75	Gary Westerfield '75	Diane L. Anderson '71	Joanne D. Salustri '75	Gary Westerfield '75	Edward L. Hall '72	
Marisa Andreati '77	Mary Ann Brennan '81	Edward L. Hall '72	Edward L. Hall '72	Michael Miccliffe '78	Sanford White '70	Marisa Andreati '77	Michael Miccliffe '78	Sanford White '70	Doris Wiener '69	
Mary C. Andrucki '76	Muriel Bressler '77	Herbert Dreyer '69	Herbert Dreyer '69	Steve Mintz '79	Gregory Wist '69	Mary C. Andrucki '76	Steve Mintz '79	Gregory Wist '69	Todd J. Wiener '69	
Inge Anselm '81	Martin Breznick '73	Jack Quameri '68	Jack Quameri '68	David Scarlsbrick '79	Robert A. Schloss '72	Inge Anselm '81	David Scarlsbrick '79	Robert A. Schloss '72	Barbara Wiggers '76	
Celia Applestone '82	Joel Brockner '72	Steve Mintz '79	Steve Mintz '79	Richard Schantz '74	Mary E. Scleppi '80	Celia Applestone '82	Richard Schantz '74	Mary E. Scleppi '80	Robert J. Wittmer '68	
Gale R. Arbeit '73	Alfred Bromm	Robert J. Morales '74	Robert J. Morales '74	Lynne Call Scheibel '75	Emily Sheridan '70	Gale R. Arbeit '73	Lynne Call Scheibel '75	Emily Sheridan '70	Barbara Woodard '72	
Alice Ardito	Diane L. Burkhardt '74	Willa Morris '66	Willa Morris '66	Rena Schild '79	Malda Silver '71	Alice Ardito	Willa Morris '66	Malda Silver '71	Brian D. Young '82	
Amy S. Arkind '82	Michael I. Burns '78	Charles Moser '74	Charles Moser '74	Leonard J. Moss '80	Karen Simpson	Amy S. Arkind '82	Charles Moser '74	Leonard J. Moss '80	Francis X. Young '76	
Janet Arnold '73	Irene Burstein '83	Leonard J. Moss '80	Leonard J. Moss '80	Robert A. Mozes '80	Carol Slotnick '72	Janet Arnold '73	Leonard J. Moss '80	Robert A. Mozes '80	Sid Zafron '75	
Kenneth C. Arnold '75	Stuart Byrne '76	William Smatlak '80	William Smatlak '80	Nicholas Navarro '81	William Smatlak '80	Kenneth C. Arnold '75	William Smatlak '80	Nicholas Navarro '81		
Diane Atkinson '81	Guy Cagnetto '76	Maureen Smilgw '75	Maureen Smilgw '75	Lynne Nemeth '75	Maureen Smilgw '75	Diane Atkinson '81	Maureen Smilgw '75	Lynne Nemeth '75		
Janet Attard '66	Alan Cahelly	Barbara Helene Smith '64	Barbara Helene Smith '64	Malda Silver '71	Thomas Smyth '79	Janet Attard '66	Barbara Helene Smith '64	Thomas Smyth '79		
Linda Aumock '79	Mark Cain '80	Mark Snyder '69	Mark Snyder '69	Karen Simpson	Steven Soare '75	Linda Aumock '79	Mark Snyder '69	Steven Soare '75		
Vivian J. Avery '78	Lori Calabrese '83	Lisa Sokol '74	Lisa Sokol '74	Carol Slotnick '72		Vivian J. Avery '78	Lisa Sokol '74			
Elizabeth Baldwin '83	Richard L. Calderone			William Smatlak '80		Elizabeth Baldwin '83	Richard L. Calderone			
Robert Balfour '80	Robert Calloutin '81			Maureen Smilgw '75		Robert Balfour '80	Robert Calloutin '81			
Edward Balzer '77	Vito Calla '78			Barbara Helene Smith '64		Edward Balzer '77	Vito Calla '78			
Jay Barris '75	Evelyn Callahan			Thomas Smyth '79		Jay Barris '75	Evelyn Callahan			
Rosanna Barnett '71	Tessie Calligeros '75			Mark Snyder '69		Rosanna Barnett '71	Tessie Calligeros '75			
Flora Barone '78	Frances Campani-Rule '76			Steven Soare '75		Flora Barone '78	Frances Campani-Rule '76			
Gary Barth '73	Michael Canaliere			Lisa Sokol '74		Gary Barth '73	Michael Canaliere			
Rosemary Beaudon '74	Lisa Cane '77					Rosemary Beaudon '74	Lisa Cane '77			
Helene Becker '74	George J. Cangero					Helene Becker '74	George J. Cangero			
Henry S. Beers '77	Edward F. Cantrell '77					Henry S. Beers '77	Edward F. Cantrell '77			
Barbara Behrendt '81	Rhonda J. Cantwell '75					Barbara Behrendt '81	Rhonda J. Cantwell '75			
Ellen Bell '81	Ray Capotosto '79					Ellen Bell '81	Ray Capotosto '79			
Morris Beller	Susan Capozzola '76					Morris Beller	Susan Capozzola '76			
Richard Belvin '68	John R. Cappelluto '74					Richard Belvin '68	John R. Cappelluto '74			
James E. Beloyannis '71	Antoinette Carbone '79					James E. Beloyannis '71	Antoinette Carbone '79			
Patricia Bennett '77	Ronald T. Carnicom '81					Patricia Bennett '77	Ronald T. Carnicom '81			
Susan Benson '74	Jacqueline Carway '74					Susan Benson '74	Jacqueline Carway '74			
	Allithea Cary '69						Allithea Cary '69			
	Barbara Casey '68						Barbara Casey '68			
	Ed Casper						Ed Casper			



Stony Brook Patriots Club

The Patriots Club is a football booster club designed to support the teams effort by soliciting financial contributions and working to increase spectator participation. Through the efforts of the club, the once stark football field now boasts an electronic scoreboard (donated by Coca Cola), a press box and raised bleachers

Jeanne & Irving Brodsky
Robert Brodsky
Dr. Roy Brown
Joe DiBuono
Arlene Clay
Alberta Cibrano
Denise Coleman

John Emr
Brian Fabricant
Joseph Gillin
James Gould
Walter Hawrys
Joan Horn
John Jacobsen
Robert LeRoy
Ray McKenna, Sr.
James McTigue
Debra Posner

Antonio Rotunno
Stuart Sharoff
Darrell Valenti
Ronald Valenti
Ron Wilemsty

Stony Brook football is now in its second NCAA season. Attendance at games has significantly increased, with the 750-person seating capacity already not sufficient. So much more is needed for Stony Brook to be competitive with and attractive to our opponents.

Robert Appel
Mavis Beckles
Norman Berhannon
Charles Bernston
Barbara Bischoff
Mildred Bloom
Richard Bloom
Mochel Bodart
Starling S. Bradley
Rose Brennan
Patricia Byrne
Blake Cambey
Lorraine Card
James Casey
Kevin Cavallo
Austin Chen
Robert J. Chemosky
Anthony Cincotta
Denise Coleman
Brenda Coven
Samuel Cox
John DeMarie
George Dennis
Gaetano DeRico
Charlotte Doherty
Denis & Claire Driscoll
David Fallon
Kim Farber
Barbara Fletcher
Helene Flint
John K. Flores

Roger Fluhr
Kathleen Forster
W. Allen Fritts
Bonnie Gardner
Berhane Ghebrehwet
Charles Goldman
Jack Guameri
Ann Hamilton
Isaac Hannon
Kenneth Havery
Terrance Hazel
Rosilyn Heller
Thomas Higgins
Joy Hildebrand
Ruth E. Hollmann
Barry Immerman
Richard Jackofsky
Janine Kao
Kerry Kehoe
Mr. & Mrs. John Kelly
Eileen Koch
Donna Bedross Lance
Luke & Kathleen Lawe
Helen LeMay
Gary Leski

Richard Leuchuck
George R. Lippner
Helen Loftus
Dr. Denise Logan
Russell Long
Charles Masarovich
Linda McDermott
Shawn McDonald
Grace Minerva
Victoria Moncello
Lisa Monterosso
Dr. Jay Morgenstern
Marie Mundy
Joan Murphy
Peter Newman
Harold Niegocki
Keith S. Noll
Thomas Noonan
Ronald Peskin
Elizabeth O'Hara
Thomas Petty
Lucille Pitocco
Annie Polowczyk
William Polvent
Richard Punell
John Ramsey
Gail Reilly
M. Roberta Rice
Terence Rowan

Donald & Ann Russell
Guy Russo
James J. Ryan
Joseph Santangelo
Joseph Schuchman
Karen J. Schwartz
Diane Schweizer
Leslie Siegle
Stephen Soloway
Dr. Graham Spanier
Janet Steins
Christine Stewart
Thank V. Tang
Angelika K. Teresky
Mariet L. Varban
A. Henry VonMechow
Frank Wakely
Susan Walker
James Walsh
Gary A. Westerfield
Nelson H. William
Joseph & Alan Yallowitz
Virginia Zafonte
Sonia Zanmataro
Irving & Rita Zaroff



Very Important Patriots

The Stony Brook VIPs are a booster club for intercollegiate athletics. There are 18 varsity teams that benefit from the activities of this club. In addition to individual contributions, several fundraising events have been

sponsored, including a road race on campus. Stony Brook also received a \$5,000 cash award for having the greatest number of women running in the Leggs Marathon in Central Park last June.

Funds have been used to purchase office automation

equipment, an electronic scoreboard for the softball and baseball teams, storage trailers and a PA system. In addition, championship banners now hang in the gym and a VIP Hall of Fame Lounge is under construction.



Some contributions become scholarships

A \$1,000 gift by Martha F. Staudte will be used as a scholarship award honoring (the memory of) her late husband.

The Kenneth Staudte Scholarship will recognize significant environmental contributions by graduate students in the Marine Sciences Research Center (MSRC) through the Alumni Association. Kenneth Staudte received a degree in earth and space sciences in 1972.

The new award will be presented annually "to the graduate student in the Marine Sciences Research Center who demonstrates the most innovative and important contribution to the resolution of a complex environmental program through application of the results of research." The award recipient will be selected on the basis of published research articles and/or theses reviewed by a committee of distinguished marine and environmental scientists to be

convened by Dr. Jerry Schubel, MSRC director.

"This award will provide professional and financial recognition for researchers at an early, pivotal time in their careers," Dr. Schubel said, "and we're very happy that Mrs. Staudte has made it available to our students."

Denise Coleman, director of alumni affairs and annual fund, said each year's award, beginning this spring, will consist of \$200 and an inscribed plaque.

Alumni restricted gifts to the Annual Fund provide several scholarship and award opportunities. Leonard Spivak '64 provides five \$1,000 scholarships each year in memory of his parents through the Esther & Jack Spivak Memorial Scholarship.

Babak Movahedi '82 has instituted a senior leadership award carrying a \$250 cash award. The purpose of this award is to recognize a graduating senior for outstanding achievement in bridging communications between students and faculty, staff and administrators.

In addition to these restricted gifts, 5 percent of all membership dues to the Stony Brook Alumni Association are designated for scholarship purposes. While not a part of the Annual Fund, it is worth noting the combined contribution of alumni to scholarships.

The Alumni Association gives a \$250 cash award to four students each year. This year the amount will be increased to \$500. The categories are: Class of 1970, freshman; Ashley Schiff, sophomore; Elizabeth Coney, junior; Alumni Scholarship, graduate student.

TOTAL MATCHING GIFTS

\$1,710.00

Alumni director named New England Alumni Trust Chair

The New England Alumni Trust has grown to include more than 110 members and a new chair, Denise Coleman.

Director of Alumni Affairs and Annual Fund, Coleman has been named chair of the board of the multi-million dollar trust. She has served on its executive committee since 1981 and is the first woman to be named to the position.

The New England Alumni Trust (NEAT) was formally established in a 1977 agreement stating the following as objectives:

- To assist alumni associations and their respective educational institutions in stimulating greater involvement in all of their purposes and activities by their alumni.
- To provide a vehicle for financial

contributions to educational institutions through the medium of insurance dividends, and death benefits payable to such institutions by reason of group life insurance on the lives of individual participants.

- To provide life, health and other types of insurance and equity fund benefits for individual participants, and to encourage and promote reciprocal contributions by participants to their respective alumni organizations.

The Stony Brook Alumni Association has participated in NEAT since 1975. There are currently 125 Stony Brook alumni taking advantage of the

various programs, totalling \$4,144,000 of insurance. Many younger alumni view the program as an opportunity to cover themselves with low-cost life insurance and supplemental health insurance.

Director Coleman is a double graduate of Stony Brook, receiving a bachelor's in 1977 and a master's in public affairs in 1981. She has been alumni director since 1980 and in 1982 she assumed the responsibility

of directing the first Annual Fund. She functioned as coordinator of university affairs during a vice-presidential vacancy from July 1983 to October 1984.

Director Coleman accepted tenure on Dec. 6 at the Annual Meeting of the Board of Directors and will serve for one year.



Ray McKenna, Jr., the Patriot's quarterback, enjoys a reunion with his parents. Ray McKenna Sr. and his wife were two of 250 parents to spend some time with their sons or daughters during the first Parents Weekend. Sponsored by the Alumni Association, Parents Day included a football game and HOOPLA, which is a celebration including a men's and women's basketball game. Parents also had the opportunity to learn about student life on campus and the implications of the "new genetics."

New members join Alumni Board

Four alumni attended their first Board of Directors meeting on October 13. Frank Maresca '68, Babak Movahedi '82, Thore Omholt '64 and Willa Prince '74 were new board members introduced to the returning 17 members at a short meeting prior to Homecoming festivities.

The board expresses its thanks to the outgoing board members: Lynn King Morris '83 Ph.D., Jeanne Behrman M.A.L.S. '73, Jay Baris '75 and Mary Maher '73 for all their time and effort on behalf of the association.

Agenda items for the board this year include increased programming, an in-depth examination of the membership structure and the initiation of a long-range planning committee. A full-day workshop will be held in February for board members and volunteers. Speakers from Stony Brook and other universities will discuss the role of alumni associations in today's university.

If you are interested in becoming involved in the Alumni Association or one of its chapters, please contact Andrea Brooks Young at (516) 246-7771.

The current board, in its second year under the revised by-laws, is constituted as follows:

Mel Morris	1962
<i>past president</i>	
Les Paldy	1962
Thore Omholt	1964
Leonard Spivak	1964
<i>president</i>	
Nancy Pav	1965
Joseph Buscareno	1966
Jack Guarneri	1968
<i>vice president</i>	
Frank Maresca	1968
Audrey Mandel	1969
Hugh J.B. Cassidy	1974
<i>treasurer</i>	
Willa Prince	1974
Leonard Steinbach	1975
Richard Gelfond	1976
Lou Manna	1976
Jonathan Salant	1976
Earle Weprin	1977
<i>secretary</i>	
Robert Brodsky	1978
Grace Lee	1978
Robert LeRoy	1980
<i>vice president</i>	
Babak Movahedi	1982
Dara Tyson Weisman	1982



Alumni office happenings...

The fall semester began with an Albany reunion dinner Sept. 7 at the Yorkstone Pub. Twenty-five people attended the reception that was organized by the Albany Chapter under the direction of Frank Maresca. It was a lot of fun to get together and we are looking forward to a spring dinner in Albany and to seeing each other at alumni events in Manhattan and Stony Brook. If you are interested in serving on the planning committee for the Albany Chapter, contact the Alumni Office at (516) 246-7771.

Alums get ball rolling

Two sports reunions were held in mid-September: women's volleyball and men's soccer.

Lauren Beja '83, Janet Byrne '82, Carol Tompkins '83, Kay Wilhems '84, Janet Travis '81, Kerry Kehoe '85 and Lori Morrit '82 returned to play the varsity team in four hard-fought games. The Stony Brook team managed to edge out the alumnae. A reception in the new VIP Lounge followed the games. Teri Tiso, the women's volleyball coach, is interested in hearing from alumnae to help her plan a spring reunion game.

The following alumni returned to campus for the men's soccer reunion: Scott Walsh, Steve Shapiro, Scott Remily '77, John

Goff, Rich Hurly, Phil Meyers '77, Pete Goldschmidt '73, Walter Mayer '77, Joe Graziano '81, Danny Nieves '82 and Randy Raska '78. Despite the inclement weather, the alumni and varsity teams played a great game, with the alumni outscoring the varsity players 3-2. MVPs were awarded to Joe Graziano of the alumni team and Constant Beebe of the varsity team. A reception in the new VIP Lounge followed the game.

Corporate alums gather

A reception for Stony Brook graduates who are now employed at Grumman Aerospace Corporation was held at the E.A. Bentley Restaurant in Syosset Oct. 25. President Marburger and engineering Dean Stewart Harris attended and were both pleased to see that Grumman graduates are interested in furthering their association with Stony Brook. Several ideas for joint projects between the two institutions were discussed, and we look forward to expanding upon this theme both at Grumman and at other corporations with large Stony Brook graduate populations. Unfortunately, our employment list of graduates is not complete. Therefore, if you are interested in attending a reception for Stony Brook graduates employed at your company, please send us your name, address, and your place of employment.

The squash reunion was held Dec. 15. Reunions are being planned for Washington, D.C. and Boston. If you are interested in planning these events, please contact the Alumni Office at (516) 246-7771.



"We don't need to look back on what we did (in the "Baby Jane Doe" case) but rather forward to what we can learn from it," said Vice President of Health Sciences J. Howard Oaks at a recent conference examining issues surrounding the treatment of handicapped newborns.

Summary: making medical decisions

What will come out of the conference as its participants look back on their discussions and Stony Brook moves toward publishing their observations and conclusions? Perhaps nothing more—or less—than heightened awareness of the overlapping concerns involved, as indicated by this first draft summary from a position paper by a conference working group on "Making Medical Decisions" which appears here in print for the first time:

"There was consensus that it is the uncertainty about both diagnosis and the consequences of treatment that makes decisions about the treatment of handicapped newborns difficult. These difficult decisions must be made in a social context in which the roles of physicians in decision-making and the rights of parents are not well defined, and in which there is a pluralism of values.

"It was also agreed that parents must be involved in decision-making, and that involvement must include access to and understanding of diagnostic and prognostic information, professional judgments and the range of choices. There was disagreement about the responsibilities of physicians. Is their responsibility to provide parents the

best possible medical information and professional judgment as a basis for decision-making, or do they also have a role to play in moral decisions? Other actors, such as the courts and institutional ethics committees may be involved in some medical decisions, but they should not be central to the process.

"Medical care—as distinguished from treatment—must always be provided to newborns. It is decisions about the treatment of severely handicapped and very premature newborns that are difficult. Life support systems are powerful, relatively new tools, that can be used to gain time during which a more informed and reasoned judgment may be made. There should be a bias in favor of initiating life-support for this reason, but then a decision to terminate life may be among the range of choices that emerges.

"Medical decisions should be made 'in the child's best interest,' and parents generally act in the child's best interest. However, the child's interest is socially defined. By influencing quality-of-life judgments, views toward the handicapped may have an effect on treatment decisions."

Stony Brook conference asks:

How do we treat severely handicapped newborns?

They came from the Stanford University Medical Center, the University of Texas Health Sciences Center in Houston, the University of Michigan, Georgetown and dozens of points in between, to the Health Sciences Center at Stony Brook. It was almost a year to the day after the "Baby Jane Doe" case made the headlines.

They were about 75 faculty members and officials of academic health centers and large teaching hospitals around the country—the medical people most likely to be faced with the rapidly increasing number of cases like Baby Doe. Invited by officials at Stony Brook, they attended a conference on the "Treatment of Handicapped Newborns: Medical, Ethical and Social Issues" late in October.

They spent an evening, two 12-hour days and an additional morning in non-stop sessions. They heard papers presented by distinguished scholars, but mainly they exchanged their own

hard-earned "firing line" expertise in confidential work sessions.

The results will not become public knowledge for at least a year, probably in the form of a book to be edited by the conference coordinator, Dr. Daniel M. Fox, professor of humanities in medicine at Stony Brook.

"The conference was designed to help professionals dealing every day with these matters benefit from the experience of their colleagues," said Dr. Fox. "Everyone seemed to agree that it succeeded in this, and the published proceedings should permit the sharing of this experience widely among health professionals and public officials.

The dilemma of Doe

"Baby Jane Doe" was born Oct. 11, 1983 at St. Charles Hospital in Port Jefferson with birth defects for which the hospital was not equipped to provide care. That same day, the baby was transferred to the neonatal intensive care unit at the Health Sciences Center's University Hospital for evaluation of her birth defects and possible surgery.

She was diagnosed as having spina bifida, an opening in the spinal column; hydrocephalus, a buildup of fluid on the brain; microcephaly, an abnormally small brain; partial paralysis of the lower limbs and bladder and kidney problems.

That evening, after consulting with physicians, nurses, relatives, religious advisers and a social worker, her parents elected a non-surgical course of treatment. Four days later, a right-to-life attorney in Vermont heard about the case and a nearly year-long controversy began; one which personally involved the U.S. attorney general, drew strong editorial comment from the Vatican and almost reached the supreme court. It culminated with congressional passage of the Child Abuse Amendments of 1984, signed into law by President Reagan Oct. 9. Guidelines for the implementation of these amendments are still to be

developed and the Stony Brook conference may have a major impact on how the new law will work.

Meanwhile, "Baby Jane Doe" achieved a more stable health condition and her parents permitted a surgical procedure to be undertaken. The baby has been at home since being discharged from the hospital in late March.

The case remains very much alive as a benchmark for handling what participants at the October conference seemed to agree are hundreds and hundreds of "Baby Doe" cases. They occur in ever greater numbers around the country as medical advances make life or death choices possible in once hopeless cases.

"Certain events catalyze and epitomize the history of an era and 'Baby Doe' was one of them; part of a complicated tapestry that has changed the history of this country," said Dr. Stanley J. Reiser, the conference's opening speaker. Dr. Reiser is professor of humanities and technology in health care at the University of Texas.

SB Prof wins Javits award

A Stony Brook professor has been singled out for the first grant accompanying a special award established at the request of Congress.

Joseph D. Fenstermacher, the recipient of the first Jacob K. Javits Neuroscience Investigator Award—and an accompanying seven-year grant worth nearly \$800,000—was honored along with former U.S. Senator Javits at a seminar and reception Oct. 4 at the Health Sciences Center.

Formal recognition of Dr. Fenstermacher, who is professor in the departments of Neurological Surgery and Physiology/Biophysics in the School of Medicine, was made by Dr. Murray Goldstein, director of the National Institute of Neurological and Communicative Disorders and Stroke, National Institutes of Health (NIH).

Addressing the HSC audience, Dr. Fenstermacher said, smiling, "I didn't even know about the Javits Award." He had applied, he explained, aware only that NIH would be considering proposals from scientists around the country.

Dr. Fenstermacher will be studying the cerebrovascular system—the arteries, veins and capillaries of the brain—measuring the similarities and differences in capillary function throughout the brain and spinal cord. He said in a *New York Times* article, "There may be regional and local differences in capillary function throughout the central nervous system. Also, local capillary function may be altered

Senator Jacob K. Javits presents his first Neuroscience Investigator award to SB Professor Joseph Fenstermacher as University President Marburger looks on (right). Dr. Fenstermacher (below) is studying the cerebrovascular system.



Photo by Michael Petroske ©

by physiologic conditions, drugs and by various diseases." Therefore his research will include examining the effects of multiple sclerosis, Parkinson's disease and the other slow degenerative central nervous system diseases which may result from vascular manifestations or possibly cause these conditions.

The national Javits Award was created at the request of the U.S. Congress by the NIH. The NIH determined that each award will be granted along with a commitment for seven years of support. For Dr. Fenstermacher, the first year's grant is for \$148,808 and the total NIH commitment is for \$787,118 over seven years.

Sen. Javits, who suffers from

amyotrophic lateral sclerosis, also known as Lou Gehrig's Disease, represented New York State in Congress for 32 years. He has given his collection of public documents to Stony Brook, where he frequently lectures from the wheelchair to which his illness has confined him.

University President John H. Marburger said: "This is a signal honor and I am particularly glad that [Professor Fenstermacher] has brought it to Stony Brook in light of our close association with the Senator. The unusually long term of support should be very useful and encouraging. It recognizes that major advances are the result of long and careful work."

Dr. Fenstermacher noted that this program is being watched carefully. Three-year NIH awards are the usual; an occasional five-year grant has been made in the past. But, he said, "this is the only one of its type." Turning to Senator Javits, he said, "I'm happy to say, 'Thank you, Senator Javits.'"

Dr. Fenstermacher, 50, joined the Stony Brook faculty last year. He earned a Ph.D. in physiology in 1964 at the University of Minnesota and served with the National Cancer Institute for 15 years, the last decade as head of the Membrane Transport Section in NCI's Division of Cancer Treatment, Bethesda, Maryland.

(News continued from page 1)

Patriot's freshman kicker puts feat in football

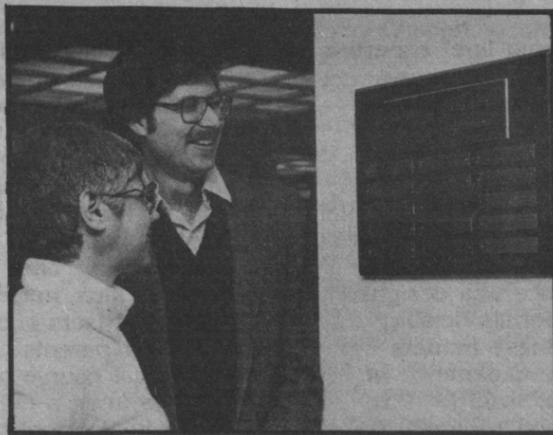
Chuck Downey, a freshman who plays on the kickoff and punt return teams, has been chosen Rookie of the Week in the Eastern College Athletic Conference (ECAC).

Downey, a 5-foot, 9-inch, 175-pound wide receiver scored all of Patriots' 18 points on three touchdowns—two by kickoff returns of 98 and 95 yards and one on a 75-yard punt return—in the team's 51-18 loss to Trenton State Oct. 5.

His 279 yards on seven kickoff returns set a new single-game record for Division III play in the NCAA. On the season, Downey's per return average on kickoffs is 26.7 yards and 39.9 yards on punts.

The wide receiver also ran in an NCAA record for the most touchdowns in a game on all kick returns.

Downey broke two Stony Brook records. His 75-yard punt return exceeded the old mark, 58 yards against SUNY/Maritime on Sept. 27, 1975, by Bud Spence. And Downey's 98-yard kickoff return broke the 90-yard mark set Oct. 4, 1975, against Fairfield University by Gary Walker.



Buskin Award for Campus Journalism plaque unveiled

Sandra Buskin, whose late husband was Newsday education editor and SUNY at Stony Brook journalism instructor Martin Buskin, unveils plaque listing recipients of the Martin Buskin Award for Campus Journalism. The plaque was donated by former Buskin student William Stoller '71, now with WABC Radio News. In 1977, Stoller helped to establish the Martin Buskin Memorial Program, administered by a campus/community committee that oversees an annual commencement award and annual public campus lecture by a professional journalist. The plaque was installed in the periodicals reading room of the Frank Melville, Jr. Memorial Library.

University Hospital opens chronic headache clinic

The Department of Neurology, in conjunction with the Department of Psychiatry and Behavioral Science, is now offering a program at University Hospital for treatment of patients suffering from chronic, intractable headaches.

All patients in the program will be seen first by a neurologist and will be given a thorough neurological evaluation and medication as needed. Additionally, a carefully constructed behavioral program will be provided in a group format under direction of a behavioral psychologist.

The behavioral portion of the program will consist of an individual psychological evaluation, including the collection of a detailed, specifically constructed headache history record. In a group format, patients will be taught techniques of self-monitoring, using a headache diary, and also will be taught various techniques, including relaxation exercises, to be used as coping responses to the onset of headache episodes.

The 10 group sessions will be distributed over a seven-week period. Midway through the program, each patient will be individually evaluated by a neurologist with the goal of eventually tapering and discontinuing medications. The psychologist and neurologists will be working closely together to monitor each patient's progress.

For further information, call (516) 444-2599.



Hunter lands All-American status

"Take it for a long ride," Coach Kim Hovey encouraged Cheryl Hunter as the Stony Brook athlete's turn came to throw the discus in the national championships at Carleton College in Northfield, MN in May. She did.

The 2-pound discus sailed 145 feet and three inches, the second best throw in the NCAA Division III championships. With that silver medal, Cheryl Hunter earned an All-American rating, the first such honor in women's track for a Stony Brook student-athlete.

Not bad for a youngster who wasn't sure a year earlier that she would be able to handle college.

Cheryl Hunter is a tall (5-foot-10) junior, only 19 years old. She lived in her native Jamaica until she was 12 years old and still has a trace of a Caribbean accent. She was introduced to the discus as a high school freshman in Nyack and was "fairly good—second in the Rockland County finals—but not sensational."

That remark was somewhat typical of Hunter. It's not a put-down, but it suggests the shakiness of her self-confidence. Her coach for the past two years, Kim Hovey considers Hunter one of the best athletes with whom she has worked, but instilling confidence has been harder than helping the Roth Quad resident student learn the techniques of her sport.

Said Coach Hovey: "She needs to know she worked hard to earn her honors." Once she accepts that, the coach said, her confidence soars.

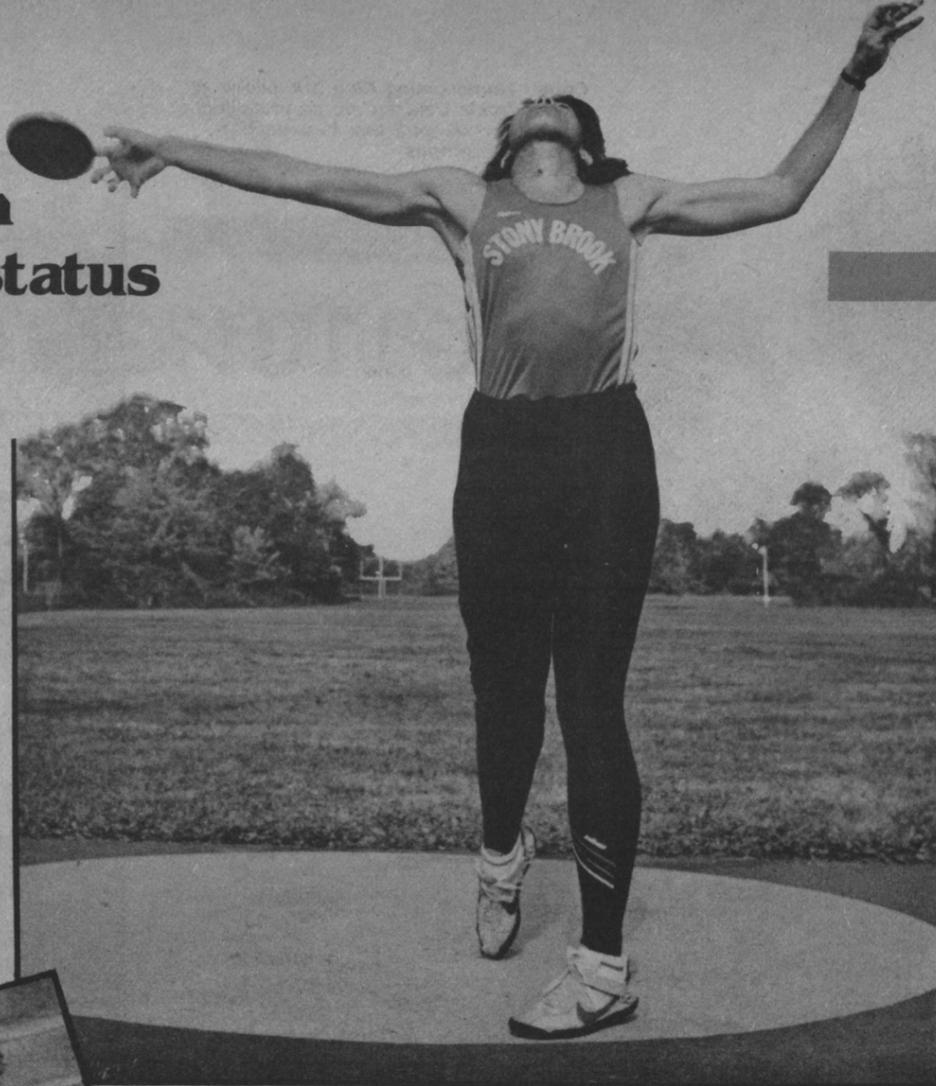
Added Hunter: "It becomes a part of your personality. Knowing that there's an area in which you can do well is bound to make you feel good about yourself and carry over into other activities."

Triumph over academics

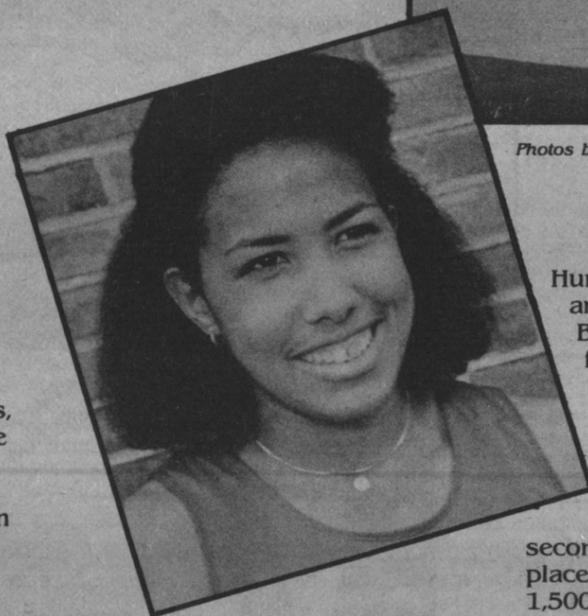
Cheryl Hunter's first semester at Stony Brook was, she says, "a disaster." She had difficulty balancing all aspects of campus life and for the first time as a student had problems with grades. Now she recalled it with a smile and said, "I really wondered if I could make it."

She's making it. Last semester, her grade point average in a political science major was 3.2. Now she talks—with confidence—about going to law school and becoming an attorney "with a business focus."

Besides studying, she keeps busy with track. She throws all three weights—discus, shotput and javelin—and runs a 440-yard leg in the mile relay. She's feeling good about having learned techniques that lead to improved records. Coach Hovey has taken her, for instance, through the intricacies of rotary and linear movement ("The whole secret is in moving the hips") as well as speed and balance. Result: Cheryl Hunter is throwing the discus beyond 150 feet, 5 feet farther than her All-American effort.



Photos by Michael Petroske ©



Hunter is outstanding among a group of Stony Brook women track and field athletes who ran up a long list of records during the 1984 season. Five women qualified for the national championships.

Cheryl Hunter's second in the discus and a ninth place by Barbara Gubbins in the 1,500-meter run earned Stony

Brook 16 points and 26th place among 73 teams.

Cheryl Hunter brings something special to the team—a sense of family. Coach Hovey said, "She's very thoughtful, always doing little things. Last year she remembered every team member with a Christmas gift. Because of her personality, the team is more a team than it was before."

Hunter is seen, then, as a true All American—not only as an athlete, but as a student and as a human being.

24 All Americans in half as many years

Here is the complete list of All Americans:

1973	Stu Goldstein	Squash
1974	Kent Witt, John Gist	Football
1975	Bob Carley, Al Lynch, Dave Nestor, Leo Roulhac, Brian Seamon, Bud Spence, Kent Witt, Rich Domenech	Football
1978	Bob LeRoy	Football
1979	Earl Keith	Basketball
	Bob LeRoy	Football
1981	Jan Bender	Swimming
1982	Jan Bender, Tom Aird, Bjorn Hansen	Swimming
	Neal Vohr	Squash
	Dino Delany, Mike Infranco, Jorge Taylor	Football
1983	Jan Bender, Bjorn Hansen, John Denny, Howie Levine, Jim Donlevy	Swimming
	Barbara Gubbins	Cross Country
1984	Tom Aird	Swimming
	Cheryl Hunter	Track and Field

(NOTE: While every effort was made to compile a complete list in the Office of Sports Information, this list may be in error or incomplete. Additions and corrections are welcomed. Send correspondence to: Al Oickle, Sports Information Director, 328 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794-0605.)

Cover: Homecoming King Eric Levine & Queen Jackie Delaney are crowned during a reignition of spirit that is sweeping across the campus.

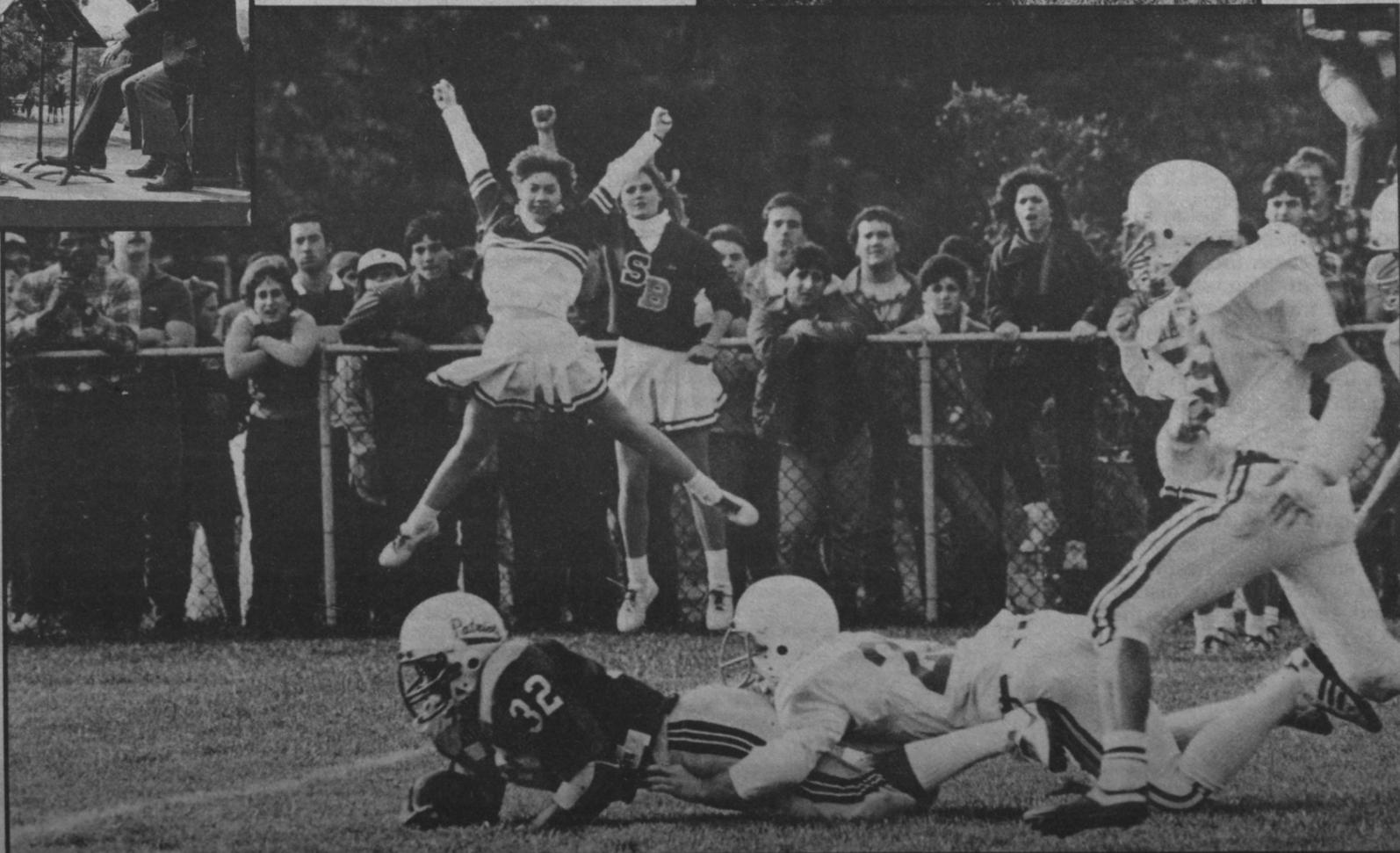
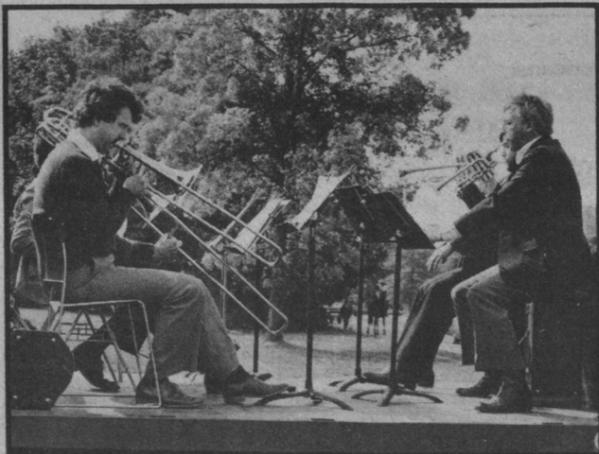
A shout of a Homecoming

"S" could stand for spirit but in this case stands for Stony Brook as this feisty cheerleader encourages the Patriots to down Homecoming day opponents SUNY Maritime, 35-0. Overall, spirit had to be the winner of the day as alumni, students and administrators showed their support in various ways:

To prepare for the long day of shouting and gesturing to help the Pats move forward, these alumni and family (top right) join others at a tailgate luncheon arranged by the Alumni Office.

"Welcome to Fantasy Ammann" blares a bright banner (right) labored over by students in Ammann College in G Quad. It was judged tops in a banner contest held for the first time.

The Long Island Brass Guild (below), composed mostly of alumni, lends a musical note to the day for the first time. Senior Jorge Taylor almost adds another to his SB all-time scoring record (bottom) as enthusiastic cheerleaders and spectators cheer the running back onward.



CLASSNOTES

63 Dr. **Martin L. Meltz** is a member of the advisory board of a new "Health Careers High School" in San Antonio, TX. He is founder of the Science/Math/Engineering Support Network for the new school.

64 **Joan Lundberg Friedman** worked for seven years as a writer/editor for the University of Minnesota until the birth of her son in 1975. She now does part-time freelance work and had a second son in 1979.

67 **Bruce (Swami) Betker** has been named project manager of Data Reduction and Operational Support for the Western Space Shuttle launch site at Vandenberg Air Force Base, CA...**Judy (Lieberman) Davis** says "Yes, there really is a Kalamazoo," MI. She lives there with her daughter Elizabeth, 10, and son David, 8...**Robert Galluci** received a Ph.D. from Brandeis in 1973. He is married and has two children: Jessica, 4; and Nicholas, 18 months.

69 **Robert Briell** is the new director of the Warren-Trumbull County Public Library System in Warren, OH...**Jeffrey R. Klein** and wife Joanne Lane opened a unique and exciting gallery/antique shop, Bartholomew Fair, Ltd. which specializes in antiques of childhood and rare children's books...**Ayn (Senft) Male** received an M.S. in special education in 1973 from Fordham and gave birth to her second daughter Jessie on July 29, 1983...**Mark J. Snyder**, president of CAS advisory services, Patchogue, has been selected for inclusion in the International Association for Financial Planning speakers bureau directory.

70 **Michael P. Conlon** is an assistant professor of computer science at SUNY Potsdam and produces remedial mathematics software. Wife **Jeanne McGuire-Conlon** '70 is a therapist. They have a son, Sean, born in January...**Paul G. Epstein**, N.D., is a naturopathic physician specializing in preventive medicine. A graduate of the National College of Naturopathic Medicine, he is currently the medical director of the Preventive Medicine Department there...**Howard Newman** is an assistant attorney general in the New York Bureau of Investor Protection and Securities. He and wife Jody had their second child, Kathryn Gloria, in September.

71 **Carol Dahir** notes that Kids for Kids Productions is celebrating its eighth anniversary as Long Island's largest performing arts center for young people. Carol, founder and executive director, reports that many alumni have taken an active part in the organization...**Vincent Di Mattina** graduated from the Air Command and Staff College at Maxwell Air Force Base and also received an M.A. from Auburn University in international politics. He is assigned to the Pentagon in the Directorate for Operations, Airspace and Air Traffic matters...**Ronald Goldberg**, Ph.D., has expanded his psychology practice by opening a second office in New Hampshire...**Paul** and **Leslie (Wagshol) Miskovitz** '72 have two children, Sharyn and Steven, and live in New Jersey, where Paul practices medicine...**Bernard Schmadtke** is a corrections officer at the Fishkill Correctional Facility.

72 **Patricia Gaignon** is a clinical social worker practicing in Port Jefferson...**Ronald J. Hartman** has been appointed administrator of the Mass Transit Administration...**Bruce C. MacIntyre** received a Ph.D. in musicology from CUNY last February. In June, he was married to Mary Paul. They are now living in Brooklyn and Bruce is teaching at the Brooklyn College Conservatory of Music.

73 **Stan Arkow** is married and living in Riverdale. He is an assistant professor of clinical psychiatry at the Columbia University College of Physicians and Surgeons and has a private psychiatric practice...**Martin Breznick** practices law in New York and New Jersey concentrating on immigration law...**Judith Duhl** was the director of the National Conference of Jewish Community Senior Advocacy Groups in Washington, D.C. This conference represented the first attempt by Jewish community groups throughout the country to meet on issues concerning the elderly...**Gary Felberbaum** is starting a consulting company for software development...**Daniel Harris** has been named director of market research at Metropolitan Hospitals Inc...**Elisabeth Lison** has been named Seaford Harbor School principal...**Antonia B. Markiet** has been promoted to editor in the Junior Books Department at Harper and Row. She is the architect of a new science fiction program, and has worked with authors Isaac Asimov, Pamela Sargent, G. Zebrowski and Chelsea Quinn Yarbro.

74 Dr. **Fred Beck** was named 1983-84 "Chiropractor of the Year" by Broward County Chiropractic Society. He is active on many local and national chiropractic societies and is a Diplomat of the National Board of Chiropractic Examiners...**Helene Becker** has been awarded a Fulbright grant to train English teachers in Italy...**Michael Goldstein** is practicing labor law in New York City...**Aaron A. Sporn**, M.D., has been appointed medical director in the Institute for Medicine in Sports of Hamilton Hospital, Trenton, NJ...Dr. **Nancy Uscher** has returned from Jerusalem, where she was principal violinist of the Jerusalem Symphony Orchestra for six years. Her first solo album has been released from the Musical Heritage Society.

75 **Ronda Brooks** is the audio-visual specialist at Sagamore Children's Psychiatric Center and is doing graduate work for an M.S.W. at Stony Brook's School of Social Welfare...**Marian Hoover** is president of the Suffolk Music Guild...Dr. **George Lipkowitz** is chief resident in surgery at Downstate Kings County Hospital Center. He and wife **Keri (Heitner) Lipkowitz** '78 have a son Adam...**Leslie Wapnitsky** is controller of B.N.R. & R., Inc., a New York-based firm involved in the exploration and management of oil and gas properties for individuals.

76 **Steven Langona** is a systems analyst and just bought a new house in Jersey City, NJ...**Felico (Phil) and Mary Matera** and their daughter Laura, just want to say "Hi"...**Denise D. O'Doherty**, R.N., M.W.N., has joined West Oaks Hospital in Houston, TX as a unit coordinator in children's services...**Edward Reiner** is a senior financial analyst for PW Communications, a medical communications company that publishes medical journals, pharmacological research and also markets and advertises pharmaceutical products. Recently married to Susan Axelrod, Ed now lives in Greenwich Village...Now living in Virginia, **Richard Strauss** is department chair of the Blair Jr. High School Science Department and is running Norfolk's Jr. High Science Center for the Gifted...Dr. **Scott Zucker**, who received an M.D. in 1981, has joined a practice in pediatrics and adolescent medicine in Ridgewood, NJ.

77 Dr. **Ira B. Lamster** is assistant dean for research affairs and director of the Oral Health Research Center at the Fairleigh Dickinson University School of Dentistry in Hackensack...Dr. **Esther Starr** has opened Starr Chiropractic Center, specializing in lower back pain and headaches.

79 Dr. **Lisa Bunin** received a medical degree from The Johns Hopkins Medical School in Baltimore, MD...**Doran Fertig** will be an instructor in The Graham School of Management at Saint Xavier College in Chicago, IL.

80 **Christine Greenfield** graduated from California Western School of Law in San Diego, CA...**Martin J. Malone** has been appointed principal of J. Lewis Ames Junior High School...Dr. **Keigh Nelson** graduated from the New York College of Podiatric Medicine. He has received a surgical residency at Memphis Eye and Ear Hospital in Tennessee.

81 **Ann M. McCarthy** has been appointed to the Industrial Development Finance Authority in Springfield, MA. She is assistant principal of Technical High School and is a doctoral candidate in administration at the University of Massachusetts.

83 Dr. **Ralph W. Bastedo** has joined the professional management of The Gallup Organization, Inc. as a pollster...**Nancy Carrington**, (M.S.), has been commissioned a second lieutenant in the U.S. Air Force upon graduation from Officer Training School at Lackland Air Force Base, TX. She will now be assigned with the Air Force Institute of Technology at Wright-Patterson Air Force Base, Ohio.

Births

Patricia (McManus) '72 and Martin Hannon: daughter Elizabeth Alice...**Richard Gelfond '76** and wife Linda: daughter Pamela Nicolle, Oct. 9.

Marriages

Glenn Taubman '77 to Marie Jennifer Rose, April 15...**Kenneth Teitelbaum '77** to Madeline Joyce Bernard, June.

Deaths

Ellen (Rothchild) Regal '71, Sept. 19, after a bout with cancer. She was a mother of two children.



Jonathan Cohen '80 Ph.D. has translated a selected collection of early poems by Ernesto Cardenal titled *With Walker in Nicaragua and Other Early Poems*.

Cardenal is a priest and a left-wing revolutionary, but he is preeminently a poet. His poetry is rooted in a strong, spiritual love of his native Nicaragua and South America, and of the world. These are the significant early poems of this activist poet, written between 1946 and 1954, the only part of his canon not formerly available in English.

Jonathan Cohen has translated and written extensively on Ernesto Cardenal. A graduate of Columbia University (M.F.A., 1976), Cohen has received grants from the National Endowment for the Arts and the National Endowment for the Humanities and many other awards and fellowships. He is writer/editor in the Stony Brook Department of Surgery and lives in Port Jefferson.

