

Family Day Attracts Parents for Tours, Talks, Socializing

By Andrea Brooks Young

Many parents experienced a full day of activities on campus October 26 at the 2nd annual Family Day.

The Family Day program was initiated by the Offices of Alumni and Student Affairs in 1984 as an outgrowth of a continuing interest from both offices to enhance the quality of student life.

The Alumni Association organizes various programs both on and off campus that serve undergraduate students. These include scholarship awards, career information programs, activities of the athletic booster clubs, the Homecoming King and Queen contest and, now, Family Day. The Family Day program is an extension of the Alumni Association's interest in increasing the quantity and quality of student activities on campus.

The program has grown in one year to include a panel discussion, undergraduate advising seminars, and a parents' reception in addition to the "traditional" brunch, tours, and athletic events.

The parents' reception, held in honor of parents who support the University through the Annual Fund, was attended by 40 parents and students. Everyone spoke personally with President John H. Marburger, Vice President for University Affairs Patricia J. Teed, and Assistant Vice President for University Affairs Denise A. Coleman. The reception provided yet another opportunity throughout the day for parents and students to speak individually with University administrators about campus issues, current events, and future University plans. There was an interest among the participants in forming a parents' club.

Another highlight of the Family Day program was the panel discussion attended by 65 parents and students and held in the Stony Brook Union following the brunch. The Homecoming King and Queen, Fred Calabro and Alicia Hermo, introduced the panelists: Fred Preston, vice president for student affairs; Theodore Goldfarb, associate vice provost; Eric Levine, Polity president and Homecoming King, 1984; Dallas Bauman, director, Residence Life; Robert Francis, vice president for campus operations; and Cheryl Kurash, coordinator of outreach programs, University Counseling Center.

The panel discussion was extremely informative for parents as well as the University administrators. Questions regarding residence life, dormitory conditions, undergraduate academic curriculum, student life and counseling services available to Stony Brook students were answered. The rapport that developed between the parents and the University staff exemplified the unique accessibility of Stony Brook administrators to students as well as parents. Individual issues as well as campus-wide issues were raised. In some cases parents made personal appointments to further resolve their individual concerns.



Cordiality reigned at the parents reception. Here, Jack Emr, parent representative to the Annual Fund, meets President John H. Marburger.

The panel discussion was an excellent forum to exchange ideas and rationally discuss issues that often become confused and misinterpreted due to lack of communication between the parties involved. As a result, many parents expressed an interest in forming a parents' club, of which one of the purposes would be to establish a newsletter that would include campus news. Currently, *Stony Brook People* is sent to parents bi-annually and these issues include items of interest to parents of Stony Brook undergraduates.

Finally, Eric Levine, Polity President, provided the parents with a comprehensive list of student activities on campus. His description of the various student-initiated programs on campus exemplified the high caliber of Stony Brook students, and more importantly, their contributions and interest in maintaining and working to improve the campus. The enthusiasm and respect of the University administrators for the students' efforts were apparent from the discussion that Eric's speech generated.

As the campus grows and alumni activities and fund raising for the University increases, the pride for Stony Brook among the entire campus community is manifested in various ways. The tradition of Family Day and the interest among students, administrators, and parents in participating in this program is just one example.

Nice Place to Live

Nassau and Suffolk counties are the best places in America to live, according to a study made by SUNY College at Cortland geography professor Robert Pierce.

Ranking areas according to availability of jobs and affordable housing, safety of streets, climate, culture and recreation, he found the Nassau-Suffolk area No. 1. His results were published in *American Demographics* magazine.



Meet the King and Queen

King:

Class year:
Dormitory:
Hometown:
Organizations:

Fortunato (Fred) Galabro
senior
Benedict
Lindenhurst
Sigma Beta

Honor Student, Treasurer ('83-'84), President ('84-'85); Benedict Resident Assistant; Activities Committee Chairperson; James College Main Lounge Committee Member; Hotel Benedict Editor; H-Quad Office Assistant; First Faculty-Student Retreat Participant; Distinguished Professor Committee Member; Phonathon Volunteer

Queen:

Class year:
Dormitory:
Hometown:
Organizations:

Alicia Hermo
junior
O'Neill
Closter, NJ
O'Neill Resident Assistant, Legislative Representative; G-Quad Council Member; Sigma Delta Tau Pledge; Student Activities Board Security; Special Olympics Volunteer; Dance Workshop Teaching Assistant

Alicia was proud and excited when her name was announced as this year's Homecoming queen. Her parents showered her with roses and her friends provided a celebration that night.

"I don't think a lot of people took Homecoming seriously," she recalled. "But I did, and by the time I won, everyone around me knew how important it was."

Alicia was attracted to the queen contest because of the chance it would give her to represent the student body. "Even before this honor, I felt I always represented the students because of my involvement. I think a queen should be a well-rounded individual, very active, and have pride in her University. She should carry that spirit through both academic and social organizations."

As queen, Alicia expects to learn much as she attends many University functions and participates in the Annual Fund Campaign.

"Whatever it is a king is supposed to be, that's what I will do," said Fred.

But the most important task of the new king will be to inspire others. "I should embody the positive side of every scenario," he said. "It is simple to see the shortcomings but I'd like to think I foster an attitude of 'let's make it work.'"

Friends are still mock 'bowing' to him, and some students have voiced discontentment in the selection process because the final vote is made by a committee representing campus constituencies.

"But that would turn it into a popularity contest," he said. "And it's too hard for 16,000 students to know the candidates well. I think it's done democratically, since students have their say who they would like to nominate from their dorms. Usually they know the people they vote for on a first-name basis."

Officers, Students Contribute To Improved Campus Security

Several campus initiatives combined to make recent months "the safest in recent years in the residence halls at Stony Brook," said President John H. Marburger.

First, the new Residential Security Program, operated under the aegis of the Department of Public Safety, employs 35 students who patrol all the residence halls on the campus approximately every two hours from 11 p.m. to 5 a.m. The students monitor activity, secure doors that can be locked, and observe and report people that appear to have no business in the area.

Second, a new Residence Hall Squad of nine Public Safety officers and one lieutenant, has been created to improve dorm security. These people regularly patrol the residence halls from 8 p.m. to 4 a.m., screening individuals who have no apparent reason for being there. This squad also conducts crime prevention and education programs in the living areas.

Third, a well-publicized Community Service Unit, another group of 35 paid students, is on call to provide escorts for students during the night hours to get from one area of the campus to another.

Gary Barnes, director of public safety, feels that these programs have had "a major deterrent effect on crime and vandalism."

Another significant project now underway is an extensive program to install new vandal-resistant locks to

replace equipment in the dorms damaged by carelessness, inappropriate use, and vandalism.

In addition, the Department of Public Safety has placed guards in five academic buildings in "high-activity, high trespass" areas during late evening/early morning hours. These guards remain in constant communication with Department headquarters. Plans to extend this service to other buildings are under consideration.

Theatre Dept. Taps 'Tap Dance Kid' Director

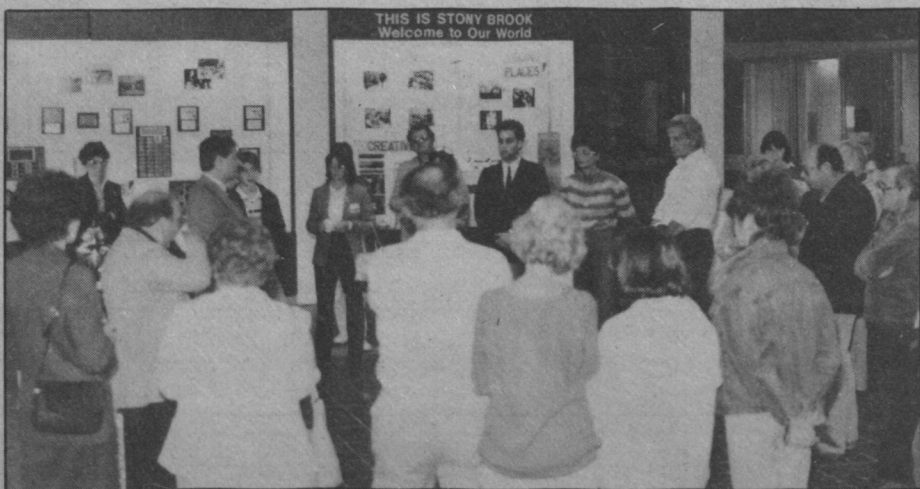
Vivian Matalon says he is a "maverick" Englishman who received his theatrical training in New York and whose career has flourished both on Broadway and in London. Director of such quintessential American plays as the Tony Award-winning *Mornings at Seven* and *The Tap Dance Kid*, both on Broadway, he has also directed British productions of American classics like *The Glass Menagerie* in London.

Now, he has come to Stony Brook as a visiting professor in the Department of Theatre Arts.

Matalon says, "At Stony Brook there's tremendous potential."

He considers Stony Brook's proximity to Manhattan an advantage. "There is a wonderful opportunity to develop new plays here, to use this as a pre-Broadway workshop setting."

Parents gather in the Administration Building Lobby for reception honoring parent donors to the Annual Fund.



Parents' Club

The possibility of forming a parents' organization at Stony Brook to which all parents of Stony Brook students would belong is currently being explored. The organization would be similar to those at other public and private colleges and universities. The purpose of such an organization would be to encourage interest in and support of the University's programs. The club's programs would focus on communication and services.

Please take the time to complete this questionnaire. It will help to determine what kind of program can be developed to meet student and family needs. Please contribute your ideas as the possibility of developing a Parents'

Association on the Stony Brook campus is considered.

The completed questionnaire should be returned to:

Denise Coleman
Assistant Vice President for
University Affairs
SUNY at Stony Brook
Stony Brook, NY 11794-1201



Mediation Services Help Students Resolve Conflicts

Personal problems and disputes, ranging from accidents to affairs of the heart gone awry, crop up everywhere in life. And college campuses, where thousands of students must deal with each other every day, are no exception.

Students at Stony Brook have a new option—they can get help with settling such disputes through a University program, begun last semester, called Student Mediation Services (SMS.)

Suppose two students contract for a telephone. The telephone company sees only one name. That person is responsible for the bill. A disagreement arises, and the students cannot resolve their differences. Mediation might.

Suppose a suede jacket gets damaged, accidentally. Who is liable for the repair bill? Mediation may help.

Or, picture this scenario: a couple splits up. One person persists in attentions to the other, not having gotten the message. What to do?

"If you can't relate, mediate," advises Gary Mis, special assistant to the vice president for student affairs and coordinator for the SMS program.

"Mediation can settle such disputes before they grow too big and become serious."

Mis also is a trained mediator for the Community Mediation Center in Coram.

As full-time coordinator of the University Judicial System, to which

alleged violations of the Student Conduct Code are referred, Mis saw many conflicts that were not in the realm of the judiciary. The Student Mediation Service provides a proper avenue for solving these problems.

"The goal is to develop a mediation center on campus, with a staff; a center that would be independent of the judicial office," Mis said. He reviews each case presented to him to determine if mediation can help. If the problem is too serious, such as a breach of the Student Conduct Code, the case must be referred to the university's judicial system.

"Mediation is a voluntary process," Mis said. "There is no forcing anyone into mediation. Mediation is separate from the judiciary. They are two totally different processes. There are no sanctions with mediation. It is done impartially, without taking sides. The mediators merely facilitate the reaching of an agreement, which is then signed by all parties present during the mediation session."

Most referrals come to Mis from the residence halls. Others come from walk-ins to his office in Room 347 on the third floor of the Administration Building.

Mediation on student conflicts is provided in pairs by a volunteer staff of 23 students, each having completed a 32-hour training course given by Ernie Odom, executive director of the Community Mediation Center in Coram, and Trina Droisen, a CMC staff member.

The Student Mediation Service also is the subject of a study by Dallas Garvin, a doctoral student in Stony Brook's Department of Psychology. Garvin is assessing the impact of mediation on the atmosphere within the residence halls.

Faculty Countdown

Stony Brook's prestigious faculty include the following honored members:

- 57 Guggenheim Fellows
- 44 Fulbright-Hays Fellows and Exchange Professors
- 41 Sloan Fellows
- 36 Recipients, SUNY Chancellor's Award for Excellence in Teaching
- 11 Members, National Academy of Sciences
- 10 Fellows, American Academy of Arts and Sciences
- 1 Member, National Academy of Engineering
- 1 Obie-winning playwright
- 1 Pulitzer Prize winner
- 1 Nobel Prize winner

Parent Resource Questionnaire

1. Program Interests

Communication - The University wants to keep parents informed. Please check below if you would be willing to:

- | | | |
|--------------------------|--------------------------|---|
| Father | Mother | |
| <input type="checkbox"/> | <input type="checkbox"/> | submit ideas about articles for a Parents' Newsletter |
| <input type="checkbox"/> | <input type="checkbox"/> | write Newsletter articles |
| <input type="checkbox"/> | <input type="checkbox"/> | offer planning suggestions for Family Day |

Admissions - The Admissions Office constantly seeks to identify and encourage qualified candidates for admission to Stony Brook. Please check below if you would be willing to:

- | | | |
|--------------------------|--------------------------|--|
| Father | Mother | |
| <input type="checkbox"/> | <input type="checkbox"/> | submit names of promising high school juniors or seniors who should apply to Stony Brook for admission |
| <input type="checkbox"/> | <input type="checkbox"/> | be contacted by parents of accepted students |

Careers - Career Services help students to identify skills and interests so that they may make thoughtful career choices. Please check below if you would be willing to:

- | | | |
|--------------------------|--------------------------|---|
| Father | Mother | |
| <input type="checkbox"/> | <input type="checkbox"/> | provide information and advice to student(s) interested in your field. |
| <input type="checkbox"/> | <input type="checkbox"/> | assist in establishing an on-campus recruiting program with your company or employer. |

Fund Raising Fund - The Parents' Club is an aspect of the University's Annual Fund which supports lecture programs, library resources and other components of the operating budget. Please check below if you would be willing to:

- | | | |
|--------------------------|--------------------------|--|
| Father | Mother | |
| <input type="checkbox"/> | <input type="checkbox"/> | review fund-raising materials and act as signator for fundraising letters |
| <input type="checkbox"/> | <input type="checkbox"/> | participate in regional phonathons |
| <input type="checkbox"/> | <input type="checkbox"/> | introduce university representatives to corporate and/or foundation officials who might have an interest in supporting Stony Brook |

2. Personal Information

Parent(s) of _____ Class of _____
 Father _____ Mother _____
 Address _____ Address (if different) _____
 Phone () _____ Zip _____ Phone () _____ Zip _____

3. Employment Information

Father	Mother
Professional Field _____	Professional Field _____
Business Name/Address _____	Business Name/Address _____
Phone () _____ Zip _____	Phone () _____ Zip _____
College(s) _____	College(s) _____
Major _____	Major _____
Graduate Degree(s) _____	Graduate Degree(s) _____

Contact Options (please check one) home by mail business by mail
 home by phone business by phone

Would you like to see a Parents Organization formed at Stony Brook?

Yes No Undecided

COMMENTS: _____

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Chancellor Speaks Out for Equal Opportunity

SUNY Chancellor Clifton R. Wharton spoke out about the problems of black scholars, the controversy over equal opportunity, and the value of diversity in an address delivered before the SUNY-wide Black Faculty-Staff Association, meeting at Stony Brook in November.

"On a variety of fronts, we appear to be in a period of retreat from commitment," he said. "It may be Washington's current apathy, even outright hostility toward affirmative action in employment. It may be the growing exposure and vulnerability of curricular reforms that attempted to inject black contributions and perspective into the general education experience. Or it may be the continued under-representation of blacks and minorities in graduate programs...."

He spoke of "a kind of social backsliding." "After a century of struggle, and particularly the strenuous moral exertions of the postwar civil rights movement, it is as if the United States has lowered itself into the unappealing posture of an ostrich with its head in the sand...."

He championed "the institution that makes diversity its own, the institution that defines an obligation to respond to diversity as basic to its mission and thus to its very nature, an institution that sees diversity as a life-giving force instead of as a source of inconvenience and deviousness, that institution is on the track of excellence of the rarest kind—and by the lights of our own American values, the highest kind."

"Only an all but mind-erasing delusion," he said, "could explain the torturous mental gymnastics by which the attempt to reverse the effect of centuries of deprivation could be deemed 'preferential treatment' for its victims."

The black scholar is caught "in a cruel double bind," he explained. "If he or she undertakes research or other scholarly activities on strictly black issues...the scholar will be criticized as excessively parochial, or even as a sort of ethnic apologist. Questions will be raised automatically as to methodological rigor or personal impartiality."

On the other hand, investigations undertaken by black scholars outside black issues "will be viewed with raised eyebrows, if not thinly-veiled hostility."

Speaking of SUNY and of Stony Brook, he said, "it is within public higher education that blacks, minorities and others have from the outset found the least restrictive field for action and progress.... And public higher education is still the sector where the largest numbers of blacks and other minorities will find an open door to learning, growth and a brighter future."

Professors Assist State's Project 2000

Dr. Glenn Yago, assistant professor of sociology and director of the University's Economics Research Bureau, has been named to direct two of the eight projects that together comprise New York State Project 2000.

Dr. John Truxal, distinguished teaching professor of technology and society at Stony Brook, has been named to one of the eight project advisory panels.

Originally proposed by Gov. Mario M. Cuomo in his 1985 State of the State address, Project 2000 is an initiative being undertaken to identify and examine key opportunities, challenges and options facing the state throughout the remainder of this century and into the next.

Economic Structure 2000, the first of the projects to be directed by Yago, will, he said, "attempt to provide a historical overview of economic structural change in the state. The report will focus especially on potential problems and solutions regarding barriers to future investment, labor force participation, international trade and the availability of natural resources."

The second project being directed by Dr. Yago is called Economic Development 2000. This project, Yago said, "will examine the agencies, departments and programs currently engaged in economic development activities in New York State."

Javits Conference Draws Public Figures

A bevy of important senators, historians, researchers and academicians attended a fall conference on "Congress and U.S. Foreign Policy: The Javits Years, 1946-80."

Senator Jacob K. Javits, adjunct professor of political science, twice addressed the three-day affair. Other speakers included: Christopher Dodd, D-Conn.; John F. Kerry, D-Mass.; and Charles McC. Mathias, Jr., R-Md.

The event was the Jacob K. Javits Collection Inaugural Conference. Sen. Javits gave his collection of public papers and memorabilia to the State University of New York and they are now catalogued in the Special Collections area of Stony Brook's Frank Melville, Jr. Memorial Library. At the urging of students, the Jacob K. Javits Lecture Hall was so named two years ago.



Building the stage for a Fannie Brice Theatre production, student director Peter J. Rajkowski displays dexterity and initiative.

Students Reviving Fannie Brice Theatre

Students and young artists at Stony Brook have set forth to re-establish a tradition in theatre in the name of the famed comedienne, Fannie Brice. The Fannie Brice Theatre, located in Stage XII, was used as one of the primary production locations before the Fine Arts Center opened in 1977. Following the establishment of the Fine Arts Center, the Fannie Brice Theatre was no longer used and much of the equipment was transferred to the Fine Arts Center.

Currently, Fannie Brice Productions, the parent organization supervising the theatre's rebirth, has made tremendous headway toward re-establishing the artistic ideal and professional standard set for the theatre. The organization is a student group recognized by Polity and staffed by a faculty advisor, Leonard Auerbach.

The Fine Arts Center has contributed equipment and the Graduate Student Organization has donated \$1,000 toward the organization's efforts to restore the theatre. The theatre will provide students with the opportunity to gain experience in

directing as well as acting.

"Furthermore," said student director Peter J. Rajkowski, "with the new drinking law in effect, it is expected that the theatre's activities will provide more on-campus entertainment for undergraduate students."

Thus far, the Fannie Brice Theatre hosted "The Tonight Show" in October, 1985, attended by 130 people. It was a production of comedy and music that featured prominent guests from the University community. The theatre is also being prepared for open art exhibitions, and plans for a full scale renaissance fair in the fall of 1986 are underway.

However, despite the hard work of Fannie Brice Productions in restoring the theatre, the facility is desperately in need of some basic repairs. Anyone interested in contributing to the restoration of the Fannie Brice Theatre can send a tax deductible donation to Annual Fund, designated for the Fannie Brice Theatre, 330 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794-0604.

WUSB Wins Honors From Across LI Sound

Being the second most listened to college radio station in Connecticut may not seem like the pinnacle of broadcast popularity—unless your radio station is in New York.

The students who run WUSB at the University are enjoying their high rating in another state. The ranking came from a poll conducted by the *Fairfield County Advocate*, a weekly newspaper published in Connecticut. It ranked WPKN, at the University of Bridgeport, as "the best" and named Stony Brook's FM 90.1 station as runnerup.

Steve Miller, WUSB program director, said, "A significant portion of our listenership is in Connecticut. Our programming is geared not strictly to the college community but to people of all ages and lifestyles in the surrounding area. Connecticut is only 12 miles away, across Long Island Sound, and very much in our listening area."

Univ. Hospital Starts New Epilepsy Program

Suffolk County's first fully comprehensive outpatient program for the screening, treatment and management of epilepsy has opened at Stony Brook's University Hospital.

The program, run by Arthur Rosen, M.D., professor of neurology, meets Tuesdays at 6 p.m. For information or an appointment, call 444-2599.

One of every 200 Americans has epilepsy, Dr. Rosen explained. "Its symptoms, and the sometimes unusual behavior of patients affected, have contributed to age-old superstitions and prejudices. Still widely misunderstood, epilepsy is not a disease but a set of symptoms associated with abnormal nerve cell activity in the brain."

Seizures can be successfully controlled in the majority of patients with epilepsy through daily medication, with the use of anti-epileptic drugs, Dr. Rosen said.

New Alcohol Policy Signals Changes in Campus Social Scene

No more beer fests or pubs in the dorm areas.

New walls and barriers dividing the alcoholic drinkers from non-alcoholic partiers at the End of the Bridge, Rainy Night House and weekend parties in the Stony Brook Union.

Plastic hospital wrist tags indicating who is 21 and who is not.

'Proofers' requesting two ID's.

These are signs of the times.

State legislation effective Dec. 1, 1985 raised the minimum age for the purchase of alcoholic beverages in New York State to 21.

Since most undergraduates are not yet 21, changes were inevitable. However, students of legal age may still drink in their rooms, suites and apartments, and in campus pubs, which are no longer located in the residence halls.

The University has set in motion several initiatives coordinated by the Office of the Vice President for Student Affairs. A committee made up of students, faculty and staff was formed to review alcohol policy and make recommendations. Headed by Gary G.S. Mis, special assistant to the vice president for student affairs, the Alcohol and Drug Abuse Advisory Panel (ADAAP) meets often to discuss such concerns as enforcement of the new legislation, campus policy, alcohol awareness and creative programming for students.

How are students adjusting? "They're not happy with it," said Mis. "But there is a realization that the campus is obligated to support adherence to the State law."

"Long-term goals of ADAAP will be centered around setting up education programs for faculty, staff and students, as well as assistance and intervention programs in cooperation with the University Counseling Center and the Employee Assistance Program," said Mis.

Faculty and staff, as well as students, must adhere to the guidelines prepared by ADAAP. These guidelines govern

the amount of alcohol permissible at campus events where it is served, according to how many persons are present at an event, and also recommend specific amounts of non-alcoholic beverages and food to be served. The standard of one drink per person per hour has been adopted by ADAAP.

A year ago, Stony Brook's alcohol awareness program won national recognition when the National Association of Student Personnel Administrators' board of directors selected it for the organization's annual award of merit. The group cited the University's "outstanding programming during National Collegiate Alcohol Awareness Week."

Last fall, the third annual Alcohol Awareness Week on campus again included speakers, films, breathalyzer test demonstrations, information tables and several alcohol-free social events.

The latest ADAAP proposal is to establish a campuswide alcohol and drug resource center for counseling, referrals and education projects.

Surgery Prof. Explores Possible Vaccine for Colorectal Cancer

Colorectal cancer, the cancer for which President Reagan underwent surgery some months ago, is the target of a possible vaccine being investigated by Herbert Hoover, M.D., associate professor of surgery at Stony Brook, and Dr. Michael Hanna of the Litton Institute of Applied Biotechnology in Rockville, MD.

The researchers are attempting to develop a way to combat recurrence of the disease when not all the tumor cells are removed surgically. They are testing the effectiveness of administering a bacterium in combination with the patient's own killed cancer cells after a tumor has been removed. It is hoped that the bacterium will activate the body's immune system, and that the killed cancer cells will direct the immune response against any cancer cells alive in the body.



June Jordan Honored For Literary Success

June Jordan, professor of English, has had her 16th book, *On Call: New Political Essays, 1981-1985*, published by the South End Press in Boston.

Professor Jordan's first collection of political essays, *Civil Wars*, was published in 1981 by Beacon Press. It was the first book of its genre published in the U.S. by a black woman author.

Her current collection of original essays features such topics as the political implications of language, the political realities of American relations with Nicaragua and South Africa, and an examination of the conditions of women, blacks and the poor.

The acclaimed novelist, Alice Walker, has praised Professor Jordan's latest book as "one of the most insightful, powerful and internationalist collections of political essays I have ever read. These ideas, feelings, passions and commitments should be eagerly read by people around the world."

Professor Jordan's recent honors include:

- Massachusetts Council on the Arts Award in Contemporary Arts for her essay, "On the Difficult Miracle of Black Poetry in America, Or: Something Like a Sonnet for Phyllis Wheatley";
- 1986 Chancellor's Distinguished Lectureship, University of California at Berkeley;
- Poetry reading and performance, Canadian-American Poetry Festival, Detroit Institute of the Arts, Oct. 1;
- Poetry Society of America: director of the poetry workshop, Oct. 2-Nov. 20;
- Introduction of Alice Walker at the American P.E.N. International Writers Congress Benefit at the Booth Theatre, New York City, Oct. 6;
- Speaker at the 100th anniversary of the New York Library Club, Lincoln Center Library, Oct. 17;
- Poetry Society of America: poetry reading at the National Arts Club, Oct. 25;
- Forbes*, November 1985, poem: "Financial Planning";
- 1985 New York Foundation for the Arts Fellowship in Poetry;
- 1984 National Association of Black Journalists Achievement Award for International Reporting.

Museum Sets Programs, Comet Watch for March

A variety of events—comet watches, nature walks, trips, courses and lectures—have been set for March by the University's Museum of Long Island Natural Sciences.

For families, a Halley's Comet watch (March 15-20), trip to the New York Botanical Garden, earthquake lecture, marine demonstration, and nature walk along the Connetquot River have been planned.

For adults, courses on Long Island's natural history and introductory botany will be taught.

Children's programs on the March wind, spring, microscopes, crystals, dinosaurs and Long Island geology are scheduled.

For more information, schedules and costs, call 246-8373.

Hispanic Studies Triple in Enrollment

In the past decade, both the undergraduate and graduate student populations have tripled in Stony Brook's Department of Hispanic Languages and Literature. The program is so popular, in fact, that doctoral degree applicants in recent years have come from the People's Republic of China, Poland, Holland and Italy.

The numbers show how popular Stony Brook's Hispanic studies programs are. Enrolled are approximately 1,500 undergraduate students—nearly one of every seven candidates for bachelor's degrees. In addition, there are nearly 50 graduate students, coming from at least eight Latin American countries, Spain, China and the United States. The department has 10 full-time faculty members, 4 part-time lecturers and 26 teaching assistants.

Dr. Roman de la Campa, department chairperson, said 18 Ph.D.s have been granted since the doctoral program was founded in 1975. Among the 18 graduates, one is teaching at Harvard University, another is on Columbia University's faculty, and several are teaching at Puerto Rican and Mexican universities.

"All our Ph.D. graduates are employed, except for one who is in law school," Dr. de la Campa said. "We are attracting some of the best graduate students in the country and placing them in the best universities in the country."

Dr. de la Campa expects the increased interest in Hispanic studies to continue, and the quality of graduate students to remain outstanding.

Lu Weizhe, who has been a translator for the minister of commerce in the People's Republic of China, expects to spend the next five years working toward her Ph.D. in Hispanic studies at Stony Brook. Weizhe explained that interest in Spanish and Latin American culture has gained momentum in China in the past few years.

When she graduates, Weizhe hopes to teach, translate and do research in the comparative studies of Latin American and Chinese literature in her native country.

She acknowledged that she was initially afraid of not fitting in at Stony Brook, but now she realizes her fears were unfounded. "From the head of the department to my classmates, no one has made me feel like a foreigner," she said.

Stony Brook Named Educational 'Best Buy'

Stony Brook is termed "one of the nation's powerhouses of scholarly research" in the latest edition of Edward B. Fiske's *The Best Buys in College Education*, published by Times Books.

Fiske, education editor of the *New York Times*, ran a two-page listing on Stony Brook. Following are a few excerpts from the book's listing:

"Nowadays an incredible number of Stony Brook students—better than four of every five—are going on to graduate study...."

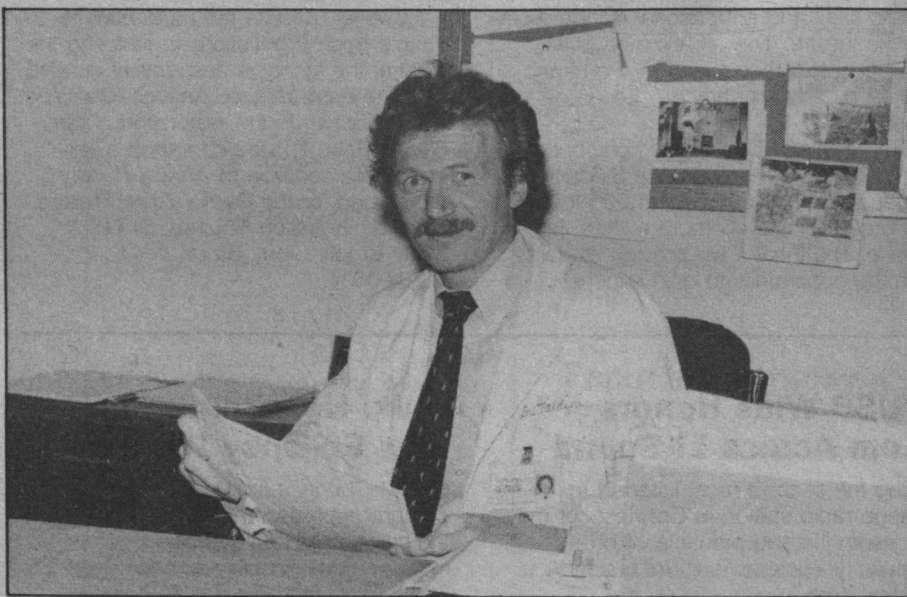
"Stony Brook is widely known for its respected faculty and offerings in the sciences, particularly physics, biology, psychology, mathematics, computer science and health sciences. It is also at the forefront of efforts to give non-scientists an understanding of technology. Music, English and sociology are also highly rated...."

"Introductory courses can be dauntingly huge, and gaining access to professors can be difficult. But the advantages of size are extensive research facilities, a huge and still-growing library, and internships and unusual course offerings not available at smaller schools. Options for study abroad are myriad: England, Poland, Israel and Peru are just a few...."

"Nourished by a larger student-activities fee, clubs are sprouting as never before: there are clubs for parachute jumpers, horseback riders (who compete nationally), sailors (on the Great South Bay), bowlers and scholars of all stripes...."

"Despite the active social scene,

Researcher Probes Causes of Fatigue



Fatigue may be symptomatic of anything from worry to serious illness, says Dr. Valdini.

By Alvin F. Oickle

The patient who goes to a physician complaining of fatigue presents the doctor with a dilemma. Is the fatigue caused by a dietary deficiency? Does it indicate physical or psychological illness? Whatever its cause, fatigue can be debilitating to the patient, and difficult to diagnose.

In an effort to simplify diagnosis of the causes of fatigue of unknown etiology, a researcher at the University is studying patients suffering from fatigue.

Anthony F. Valdini, M.D., assistant professor of family medicine, said, "The problem of fatigue is very amorphous, very slippery. Fatigue may be symptomatic of anything from worry to a serious illness. We're hoping to find

out what features about a person are predictive of serious medical or psychological problems."

To do this, the subjects in Valdini's study are given complete examinations—a history, a physical, computer diet analysis, a complete lab battery and a self-administered psychological test. The subjects must pay for the workup, which is usually covered by medical insurance, but Valdini said, he sends all results back to the subjects' personal physicians.

Thus far, Valdini has seen approximately 200 patients. Anyone suffering from fatigue who wishes to become involved in the study—or physicians wishing to refer patients—should call 444-2300.

students are serious about learning. Those with the self-confidence to make the most of a large, research-oriented university will find it an exhilarating experience."

Paper Names SB Four 'Men, Women of Year'

The local weekly newspaper *The Village Times*, in this year's special "Men and Women of the Year" edition, recognized four Stony Brook faculty members for their contributions to the quality of life in the Three Village area.

Cited were:

Medicine—Dr. Rose Walton, director, and Jane Holmes, coordinator of the Long Island AIDS Project, which is based at Stony Brook's Health Sciences Center. Walton, also a clinical associate professor and chairperson of the Department of Allied Health Resources, and Holmes, a research assistant in the School of Allied Health Professions, were honored for their "dedication, compassion and service, often in the face of prejudice and misinterpretation." The Long Island AIDS Project provides information, services and referrals to people with AIDS, their loved ones and others concerned about AIDS.

Politics—former U.S. Senator and Stony Brook adjunct professor of political science Jacob K. Javits. In 1982 Javits donated his collection of papers and photographs to the University. Since then, he has spoken several times on campus before local and national political figures as well as community members and University faculty, staff and students. These endeavors, plus his high level of energy and activity despite ill health (Javits has amyotrophic lateral sclerosis, a degenerative disease of the spinal cord), prompted his recognition by *The Village Times*.

Media—Dr. Jane Porcino, assistant professor and director of the Gerontology Project at the University's Center for Continuing Education. She is editor and founder of *Hot Flash: A Newsletter for Midlife and Older Women* and author of the book, *Growing Older, Getting Better: A Handbook for Women in the Second Half of Life*. Porcino, 62, began her graduate education at age 48, receiving her Ph.D. in gerontology at 57.



Physical Therapy alumni are pinpointed on a map by Dr. Jay Schleichkorn.

Physical Therapy Grads Rated Highest in State

Baccalaureate graduates of the School of Allied Health Professions' 1984 physical therapy program achieved the highest composite scores in the state on the physical therapy licensing examination given a year ago, according to a report issued by the New York State Education Department.

The report showed that Stony Brook's 25 candidates who took the exam achieved a composite 92% pass/fail rate. The next highest rate was 20 percentage points below Stony Brook.

Dr. Jay Schleichkorn, physical therapy department chairperson, said his students annually achieve exceptional scores. "The 1983 graduates who took the licensure exam in June of that year also ranked first in the state, achieving a 95% pass/fail rate," he said.

A map in Dr. Schleichkorn's office shows the location of the 289 graduates of the physical therapy program. Colorful pins cover the map, dominating the eastern seaboard, but including Alaska and Hawaii, too.

"I remember when these students took the licensing exams," he reminisced. "It seems like only yesterday that we accepted our first class of 10 students. Now they are in the field 13 years," he said. The program began in 1971.

Physicists "Stop" Atoms Dead in their Tracks

By Sue Risoli and Charles L. Keller

An atomic physicist at Stony Brook and his colleagues have stopped the atom dead cold—or at least as "dead" and "cold" as science will allow.

Atoms at ordinary temperatures generally move at speeds of up to 300 meters per second (more than 700 miles per hour). Stopping atoms literally "cold" for up to one second gives scientists a rare opportunity to measure and study them, to do further testing of various theories in physics and to become more exacting than ever in arriving at standards for measurements.

Research by Dr. Harold J. Metcalf, professor of physics at the University, and Dr. William Phillips of the National Bureau of Standards (NBS) led to the discovery of how to stop atoms by "laser cooling"—directing light into an atomic beam contained in a vacuum chamber.

Working with Metcalf and Phillips are senior research associate Tom Bergeman and graduate student Ivan So at Stony Brook, and Drs. John Prodan and Alan Migdall at NBS.

The scientists heated a bar of sodium metal to hundreds of degrees until it turned into liquid and then into gas. Out of a pinhole in their oven came a stream of hot, speeding sodium atoms. The atoms collided head-on with a beam of light from a laser. Each time an atom scattered the laser's light, that light's opposing momentum slowed the atom slightly. It takes 30,000 such head-on collisions to slow an atom to the point where it can be stopped for up to one second, then measured and observed.

"The development of standards is not a trivial problem," Metcalf said. "The NSB is charged with maintaining a system of weights and measures. It has been expanded to include electrical standards."

It has been known for years, Metcalf explained, that the atom is the best device for setting measurement standards for such endeavors as timekeeping. "Timekeeping is always based on something that oscillates, that moves back and forth," he said. "We use atoms not only because they have an inherent internal vibration frequency, but because that frequency is always the same among atoms of the same type. All hydrogen atoms have the same frequency, all sodium atoms have the same, etc."

He continued, "A watch is based on a tiny quartz crystal that vibrates. An atomic clock is very accurate."

Use of atomic clocks, rather than timekeeping based on astronomical observations, was first proposed in 1939, Metcalf said, but it wasn't until the 1960s that the time standard was switched. However, one difficulty remained: the fact that atoms move so quickly.

"When you have to work with something that quickly, you can't be as accurate as you might like," Metcalf pointed out. "But slowing down the atoms, as we now have, has increased accuracy."

"Plus, this improves electrical, mechanical, voltage and length standards as well. It is the job of the measurement scientists to convert one kind of measurement into another, so they are all interlocked. When one is improved, the accuracy of all measurements improves."

In physics, perfection "is impossible to reach," said Metcalf. "One can never arrive at absolute zero, or at the absolute center of things. But physics also is a continuing attempt to be exact."

"Now that we can stop the atom in this way, we can be more exact than we were before."



A magnetic coil of the type used in their experiments is examined by Prof. Harold Metcalf, graduate student Ivan So and senior research associate Tom Bergeman.

Atom Stopping Earns Researchers Place Among *Science Digest's* "Top Innovators"

Researchers Metcalf, Bergeman and So, along with their colleagues from the National Bureau of Standards, have been selected by *Science Digest* magazine as being among "America's outstanding innovators, responsible for the 100 most significant technological achievements in 1984-85."

They were named along with Jean Dalibard of the Ecole Normal Supérieur in Paris.

The *Science Digest* article says,

"Precise measurements of the differences between the various energy states of an atom are crucial to all sorts of physics."

Editor Oliver S. Moore III wrote, "To find out the caliber of high-tech creators at work today, we surveyed over 1,200 (organizations). The editors of *Science Digest* picked the final 100 innovations." The magazine claims a readership of 2.5 million.

FACULTY notes

Dr. **Karie S. Nabinet**, assistant professor in the School of Social Welfare, is spending this academic year under a Fulbright grant as a visiting professor at the University of Ghana...Dr. **Donald J. Weidner**, professor of geophysics in the Department of Earth and Space Sciences, was chosen for three major awards to support sabbatical visits this academic year to Japan and England. He received a grant from the National Science Foundation, a research award for foreign specialists from the Japanese government's Science and Technology Agency, and a Royal Society Fellowship...**Charles C. Middleton**, a nationally recognized scholar and leader in laboratory animal research, was appointed director of the Division of Laboratory Animal Research...**Jerrold Stein**, associate director of residence life, was elected vice-president/president-elect of the Association of College and University Housing Officers, Northeast...Dr. **Cheryl Kurash** was appointed to the board of the Section on Women (Division of Psychoanalysis) of the American Psychological Association...**Patricia Ramo**, assistant professor of physical therapy, was named president-elect of the Neurodevelopmental Treatment Association. After a year in the position, Ramo will serve a two-year

term as president...Dr. **Robert R. Sokal**, professor of Ecology and Evolution, was one of only two Americans invited to present papers at the fourth International Symposium on Data Analysis and Informatiques at Versailles, France...Dr. **Michel Balinski**, professor of applied mathematics and statistics, was elected the next president of the Mathematical Programming Society...Dr. **Ellis Johnson**, also a professor of applied mathematics and statistics, was awarded the 1985 Dantzig Prize of the Mathematical Programming Society...Dr. **Rose Walton**, chairperson of the Department of Allied Health Resources, has been elected to the board of the AIDS Action Council, a national AIDS Lobbyist group...**Bernard Tursky**, professor emeritus of political science, was honored by the Society for Psychophysiological Research, which named a symposium for him at its 25th annual meeting...Dr. **Daniel O'Leary**, who, co-chairs the Department of Psychology, received the Distinguished Scientist Award in Clinical Psychology from the American Psychological Association. The award was in recognition of his research programs in several areas, especially the development and treatment of aggression in children and adults. He is currently principal investigator of the largest study in the United States regarding marital relationships. He and

his colleagues have been assessing 400 couples from premarriage to six years after marriage...Dr. **Alan Ross**, also of the Department of Psychology, has been elected vice president of the New York State Board of Psychology...**Arthur E. Ammann, Jr.**, assistant director of the Purchasing

Department, has been elected president of the SUNY Purchasing Association...**Gary Barnes**, director of the Department of Public Safety, has been chosen to receive a special award from the Long Island Association of Crime Prevention Officers.

9 Alumni Making It In Sports Journalism

By Steven Kahn '85

John McEnroe, Bruno Sammartino, Paul Blair, Joe Namath and Jack Nicklaus all have something in common.

Besides the fact that they are well-known in their respective sports, they all have been interviewed by Stony Brook alumni.

In fact, for a school lacking a journalism major and big league sports orientation, it is remarkable so many current successful professionals in the fields of sports public relations and journalism can trace their roots to the State University of New York at Stony Brook.

Some, like Rachel Shuster '76, now a writer with *USA Today*, and Tom Kertes '77, *Sport* magazine writer, were involved in the sports as athletes (Shuster was a member of the women's tennis team; Kertes was involved with intramural soccer and table tennis).

Others, like Ron Cohen '78, assistant public relations director for the New York Jets, Alan Fallick '74, assistant



Tom Kertes '77
writer, *Sport*

sports editor at *Newsday*, and Ray Stallone '81, sports information director at DePaul University, used the position of sports information director, which was a student position at Stony Brook prior to 1981, as a stepping-stone to attain their goals.

Still others used *Statesman*, the student newspaper, as the training ground to build a professional career. This was the road for Greg Gutes '73, assistant sports editor at *Newsday*; Stu Saks '79, managing editor for *Pro Wrestling Illustrated* and associate editor of *KO Magazine*; Lenn Robbins '81, sports writer for the *Record* (Bergen, NJ); and Steve Marcus '73, *Newsday* sports writer.

Shuster and Kertes are emblematic of

the divergent paths that have been taken by Stony Brook graduates in their pursuit of personal career satisfaction. Shuster was sports director at WUSB, where she had a weekly telephone talk-show, with guests that included sports journalist Dick Shaap and New York Islanders goalie Bill Smith.

From Stony Brook, Shuster went on to receive her master's degree in public affairs/journalism in 1977 from American University. She then went to work for the Washington Capitals of the National Hockey League, serving as a secretary and an assistant to the public relations director.

In 1978, she began work at the now-defunct *Washington Star*, her first experience with print journalism. Her beat was high school tennis. Later, she would cover the Washington Capitals, the team for whom she once had worked. After one game, she needed to go into the men's locker room to get post-game interviews, which she did, although she took a ribbing from the male editors at the *Star* for being a woman reporter in an all-male domain.

Shuster has been at *USA Today* since 1982. She covered the 1984 Summer Olympics in Los Angeles; the 1980, 1982 and 1983 Stanley Cup playoffs and the 1980 Wimbledon competition. She's written about John McEnroe, Billie Jean King, Chris Evert Lloyd, Bjorn Borg, New York Yankees manager Lou Piniella, New York Islanders goalie Bill Smith and New York Jets kicker Pat Leahy.

Kertes came out of Stony Brook with no journalism experience. After receiving his degree in political science in 1972, he went to Fordham Law School from 1972 to 1975. For approximately eight years, he was a practicing lawyer in New York City. A chance meeting with a friend on Wall Street steered him in the direction of sports journalism. His first major article, a preview of the top 20 in college basketball, appeared in *Sport* magazine in the winter of 1983. Since then, he has done stories for *Us*, *Hoop*, and *Sport* magazines, the *Big East Yearbook* and *NBA Today*.

Some of his more interesting interviews in the past two years include one in Hungarian with New York Knick forward Ernie Grunfeld; an interview with New York Knick forward Bernard King, recuperating from major knee surgery (this interview was the first interview King consented to since the injury—he wouldn't talk to reporters for eight months); and an interview last fall at Hofstra with Willie Brown, who is totally deaf (conducted with the aid of Brown's interpreter).

He has also done interviews with Paul Blair, former centerfielder for the Baltimore Orioles and New York Yankees; Villanova basketball coach Rollie Massimino, who calls Kertes "my Stony Brook buddy," and St. John's basketball coach Lou Carnesecca.

Ron Cohen, while at Stony Brook, was the "Voice of the Patriots" for



Rachel Shuster '76
writer, *USA Today*

men's basketball games, doing public address, and was the first to be officially recognized in that capacity, while filling the role of sports information director.

In his capacity as media contact for the Jets, one of the people he deals with frequently is Paul Needell '78, who now works for the New York *Daily News*, and whose focus also is the New York Jets.

Alan Fallick was the first student to hold the position of sports information director, back in 1973. He also was sports editor at *Statesman* and was sports director and basketball announcer at WUSB. He also captained intramural teams in softball, basketball and football.

Fallick notes, "My three years at *Statesman* provided me with the opportunity to learn what hard work and dedication can lead to, and that... I actually could make a living doing something I love."

Fallick graduated with a B.A. in both psychology and sociology. Afterwards, he attended the University of Missouri at Columbia School of Journalism, and earned an M.A. in 1975. In addition, Fallick was president of the Journalism Graduate Students Association.

He had written for newspapers in Lincoln, NE and Colorado Springs, CO prior to working at *Newsday*. While working for the *Gazette-Telegraph* in

Colorado Springs, Fallick covered an international seniors golf tournament where the U.S. team was captained by former President Gerald Ford:

"He had the secret service holding a gold-colored rope to keep the galley of 200 away from him. The crowd dwindled until, after seven holes, five secret service men still were protecting Ford with the 30-foot rope, keeping back one person—me!"

"At the end of the tournament, the president of the country club came up to me, put his arm around my shoulder and said, 'President Ford thought your golf stories were some of the best he's ever read about him. He said to tell you they were fair, objective and well-written.' I asked, 'How did he know I was the one who wrote them?' 'Because,' the club president said, 'he told me he liked the stories by the sportswriter with the unkempt hair.'"

"When my mother heard the story, I thought she'd be thrilled to learn I had covered Ford. Her response was: 'You cover the President of the United States and you couldn't get a haircut?'"

In his journalistic career, Fallick has interviewed Kareem Abdul-Jabbar, Rich Gossage, Gordie Howe, Nancy Lopez, Jack Nicklaus, Tom Watson, and Joe Namath. In fact, he walked with Namath off the field into the Rams' locker room after his last game as an NFL quarterback, a playoff game at Los Angeles Memorial Coliseum.

Ray Stallone followed Cohen in the position of sports information director (SID). He also held the position of sports director at WUSB, and did play-by-play of games for the station.



Ray Stallone '81
sports information director, DePaul University

After graduating from Stony Brook, he served as a sports intern at Princeton University. After finishing his internship in 1982, he was selected by Glenn Coble (who was SID at DePaul at that time and now SID at Ohio University) to be assistant SID at DePaul. When Coble left a year later, Stallone became SID.

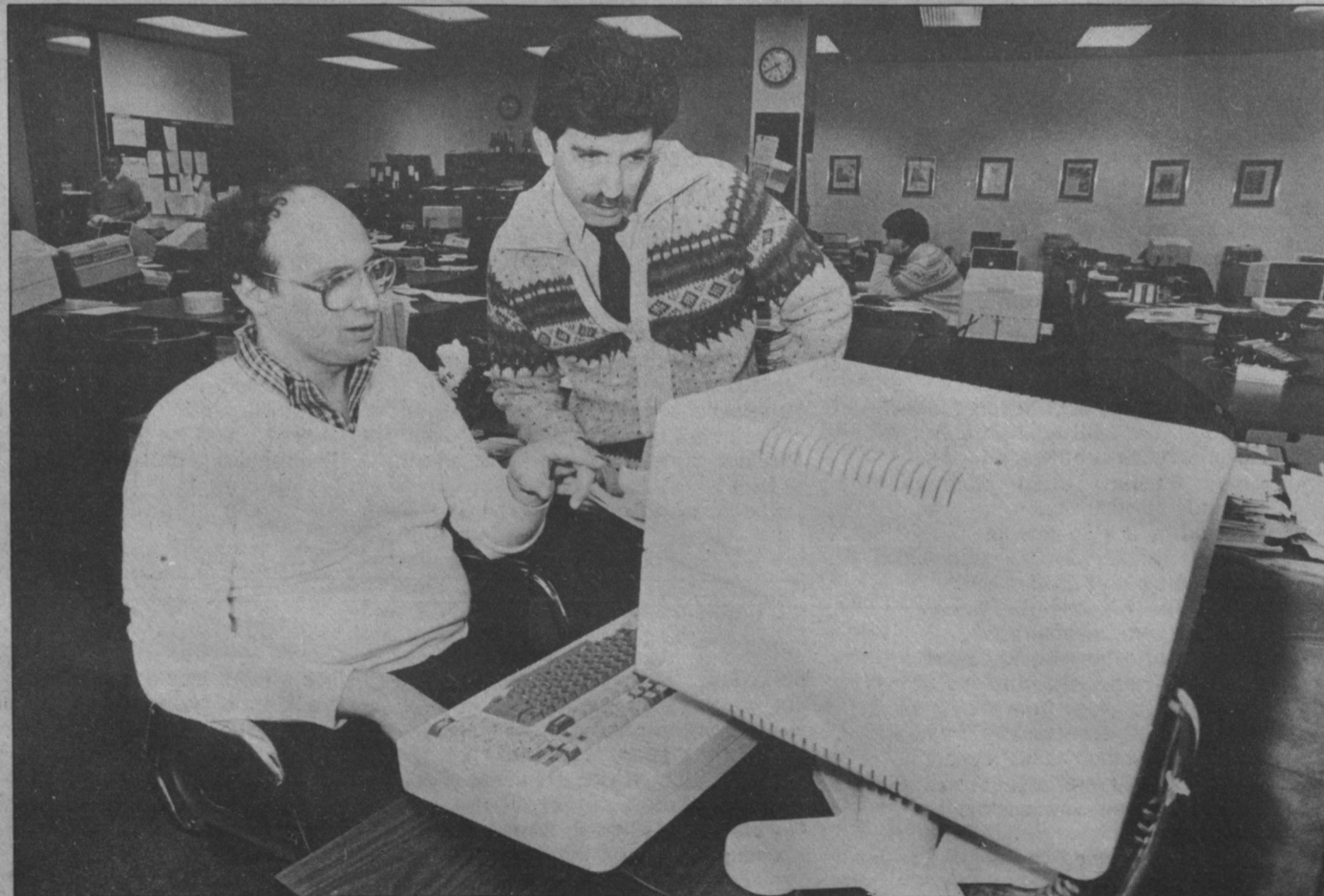
One of Stallone's memorable experiences was handling the media "parade" during Coach Ray Meyer's 42nd and final season at DePaul.

Stu Saks, was sports editor and editor-in-chief at *Statesman*. After graduation, he worked part-time for *Newsday*, and was there for four years. Not long after, he attained his present position.

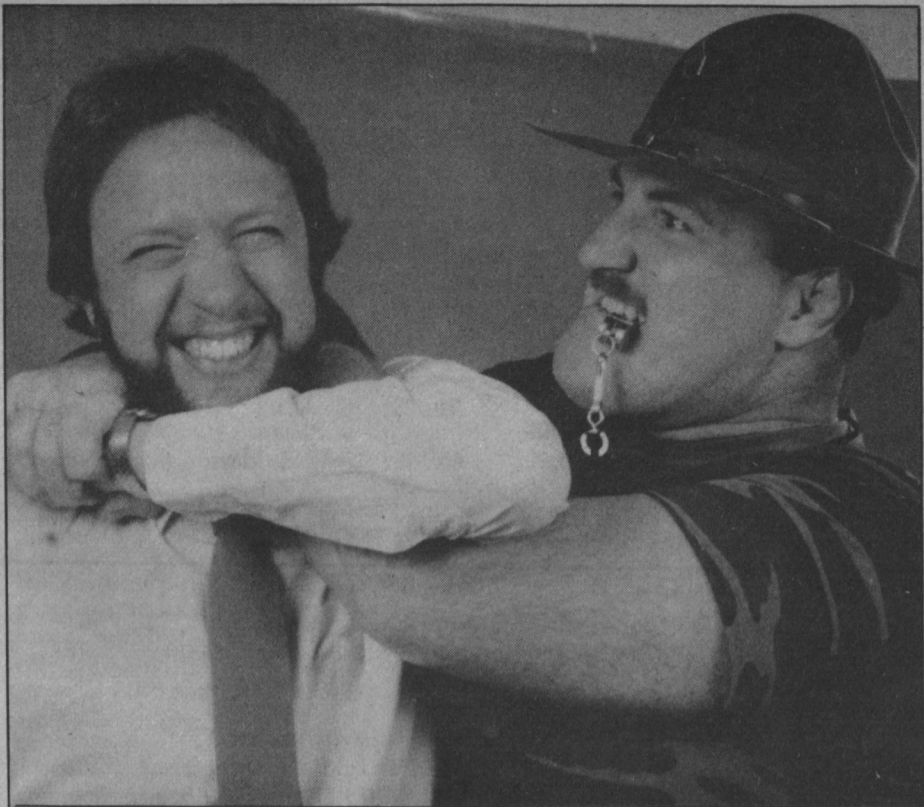
Saks, as managing editor, has a column in *Pro Wrestling Illustrated*, called "Dressing Room Confidential," where he takes an in-depth look at a particular wrestler or wrestling event. He also is one of the people who ranks top wrestlers monthly in the magazine.

Saks, when asked about unique incidents in his professional career, noted: "In a job where you could be driving Bruno Sammartino to your office from the airport one day, and doing a photo session with 'Boom-Boom' Mancini in his hotel room the next, what can be unusual?"

Greg Gutes started out covering junior varsity basketball for *Statesman*. He calls his first attempts at stories "amateurish...nothing more than each team's scoring streaks throughout the game." In his junior and senior years,



Greg Gutes '73 and Alan Fallick '74, assistant sports editors, *Newsday*



Stu Saks '79 (with Sargeant Slaughter) managing editor, *Pro Wrestling Illustrated*

he moved on to cover varsity basketball, and moved up to assistant sports editor, then to co-sports editor with Alan Fallick. In 1973, under Fallick and Gutes, *Statesman* won a prestigious collegiate award for sports journalism.

One of his vivid memories is watching the late Patriot center, Mike Kerr, play:

"I can still picture Kerr...powerfully knifing through the air almost diagonally, snaring a rebound with one hand and slamming it into the other hand. It wasn't hard to figure out why he was nicknamed 'Hoss.' He was an awesome figure under the basket and an exceptional leaper."

He also remembers Arthur King as a player with "plenty of moves and incredible leaping ability," and remembers former Patriot coach Rollie Massimino's "sly grin."

Gutes makes it clear he owes everything he has in journalism to *Statesman*:

"It's where I put down the foundation of my journalistic career. It's where I learned through repetition, through my co-workers, through my mistakes, about interviewing, writing an interesting lead, getting all sides of the story. It's where I got rid of the beginning sportswriter's typical 'gee-whiz' attitude in favor of the healthy cynicism and objectivity all journalists must have. One can learn more in a month at a college newspaper than from a year's worth of journalism courses...I don't know where I'd be now if not for *Statesman*. I don't enjoy thinking about it."

After graduating from Stony Brook, Gutes attended Boston University's School of Public Communication, and received an M.S. in journalism. From there he worked as sports editor for the *News* in Gardner, MA from 1974 to 1980. Afterwards, he joined the *Poughkeepsie Journal* as assistant sports editor and moved up to sports editor. In 1983, a phone call from former *Statesman* colleague Alan Fallick made Gutes aware of an opening at *Newsday* on the sports desk. Fallick recommended Gutes for that position.

Gutes has been at *Newsday* since July 1983; his immediate supervisor is Alan Fallick. Says Gutes, "We both get a tremendous kick out of the fact that we're working as a team again, just the way we did in the early 1970s. But now we're both veteran deskmen on one of the top ten newspapers in the country, and...we're getting paid for it."

Lenn Robbins received his bachelor's degree in psychology, with a minor in journalism. From Stony Brook, he spent time as a part-time staff member at the Stamford (CT.) *Advocate*, where he worked with Stony Brook alumnus and former *Statesman* colleague John Quinn '77. In November of 1981, he moved on to work for the *Greenwich Time*, while still working for the *Advocate*. In April of 1982, he joined *Newsday* part-time. He became a full-time writer for the *Time* in September of 1982, and eventually became acting sports editor

there in June of 1984. While at the *Time*, he won two national awards for journalistic excellence. In March of 1985, he was hired as a full-time writer for the *Record* in New Jersey.

While at Stony Brook, Robbins was sports director at *Statesman*, and the second "Voice of the Patriots." He was "turned on to sports" by former Stony Brook SID Ron Cohen (Robbins' career goal was to be a doctor), and eventually inherited the public address job from Cohen.

His first night as public address announcer was memorable. Robbins notes:

"I used to play with a guy from the University of Rhode Island by the name of Earl Knight. When I did that first game, I kept calling Earl Keith (a Patriots basketball star at the time) Earl Knight. I finally corrected it when a lady from the stands came up to the mike and yelled, 'It's not Earl Knight, it's Earl Keith. Get it right!'"

He relates that his years at Stony Brook were "a very special time in my life." He says each person in this article is aware of each other's progress, "sort of a secret fraternity."



Lenn Robbins '81
sportswriter, *Record*

Steve Marcus remembers Stony Brook as a school that was "cold and impersonal," where a student had to be tough, and be motivated by "personal initiative." He spent time at *Statesman* as a writer. In 1972, while still an undergraduate, Marcus joined *Newsday* as a part-timer. He has been there ever since.

He has interviewed such people as Reggie Jackson, Tom Seaver, Joe Namath, and Dave Kingman. He considers Kingman his most interesting interview because of the challenge Kingman presents as a reticent personality.

Stony Brook alumni have made their mark in journalism despite the fact that Stony Brook does not have a journalism major. The desire of these people to succeed in the field of sports journalism and sports publicity, while doing something they care about very much, is apparent. All can attribute their success, in varying degrees, to the start each of them had at Stony Brook.

Susan Herschkowitz '77 Meets Gorbachev in Geneva

By William Oberst

It was a bold gesture.

A contingent of 35 women left the United States last November on a private, diplomatic mission of peace. Their destination was Geneva, Switzerland, where Ronald Reagan was meeting Mikhail Gorbachev face-to-face for the first time.

An attache at the Russian embassy in Washington, D.C. had told the group that a visit with Mrs. Gorbachev during the summit talks was possible, although not certain. Now, after arriving in Geneva, signs looked hopeful that some sort of contact with the Soviets—if not with Mrs. Gorbachev, then with someone else—was imminent. A high-level official, the group learned, would be free to meet with them in the Soviet Mission at noon on the first day of the summit.

The Americans arrived at the Mission and had their bags inspected. They stood in a cluster in the building's large, unadorned lobby; there was little else in the room except a photography exhibit along one wall depicting war scenes of the Soviet Union.

Then, unexpectedly, Mikhail Gorbachev walked into the room. He was accompanied by Soviet Foreign Minister Eduard Shevardnadze, Soviet Ambassador to the U.S. Anatoly Dobrynin, some security people, and an interpreter. The stunned group gathered around Gorbachev, almost enclosing him in a circle. The General Secretary had just returned from his first session with Reagan. For more than 45 minutes he engaged in a give-and-take with the Americans covering disarmament, nuclear test bans and human rights.

For former Stony Brook activist Susan Herschkowitz '77 the encounter with Gorbachev was the highlight of a memorable two-and-one-half-day Geneva sojourn she helped organize. "The meeting left me with a feeling that change is possible in the Soviet Union," she said.

Herschkowitz received a bachelor's degree from Stony Brook in 1977 and a master's in public affairs in 1979. She lives in Washington, D.C., and describes her occupation as "political operative." She gets paid for her work on political campaigns, grassroots lobbying, and efforts to heighten awareness of public policy issues.

"Most people don't do this professionally," she said. "I do."

A number of women, including representatives of several women's peace groups, started meeting in Washington last summer to make plans for the November 19-21 summit. Herschkowitz was tapped to coordinate the project.

Within three months, she and her co-organizers established "Women for a Meaningful Summit," a coalition of

more than 300 prominent U.S. women who endorsed the Geneva trip and its message of peace and hope. Among the supporters were Coretta Scott King; Arlene Alda (wife of Alan Alda); actress Jane Alexander; Joanne Woodward; several female mayors and elected officials, including three members of Congress; Bella Abzug; and several authors, including Jean Auel.

"We viewed the summit as more than a handshake and a photo opportunity, more than public relations contest," Herschkowitz said.

The coalition set out to publicly urge Reagan and Gorbachev to "seize the opportunity of the summit and take positive, constructive steps to peacefully obtain global security." It promoted its message through a public relations and media campaign in this country. The memberships of organizations that joined the coalition also got involved.

Alexander and Abzug were among those who, with Herschkowitz, made the summit trip. The delegation took lodging just outside Geneva but used a room and telephone in the city as a press center. One woman worked as press coordinator, another as an advance person.

At the same time the Swiss government was officially welcoming the superpower leaders, Women for a Meaningful Summit held a symbolic "ribbon tying" at the famous Flower Clock in the Jardin Anglais (English Garden) on Lake Geneva.

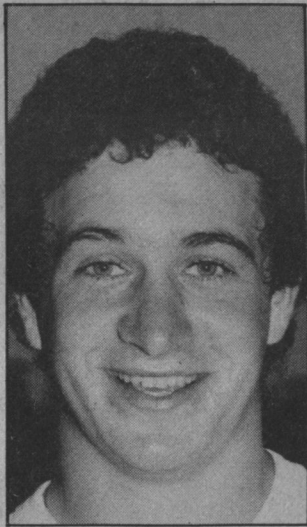
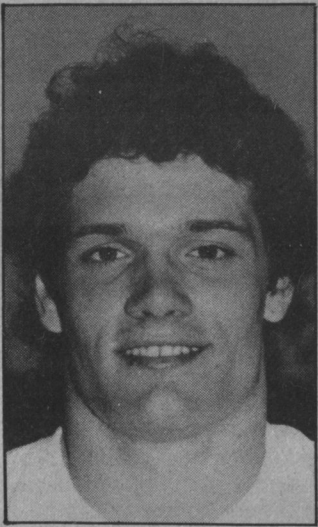
The party also broke into smaller groups and met with diplomatic officials from 11 NATO and Warsaw Pact nations during the course of the Geneva visit. Their activities made European TV and major network news broadcasts in the U.S. The well-publicized meeting between Rev. Jesse Jackson and Gorbachev was actually part of the informal, stand-up dialogue that took place in the Soviet Mission lobby described earlier. Jackson was in the lobby representing the anti-nuclear arms organizations SANE and Nuclear Weapons Freeze Campaign.

What does Herschkowitz think of Gorbachev? She used words such as "articulate," "genuine," "intelligent," "humorous," "remarkable," and "warm" to describe the General Secretary. She said he spoke in Russian but understood English without translation. It was impossible not to be affected by the leader's charisma.

Women from other countries, hearing of the coalition's presence in the city, sought out the Americans at welcoming and farewell receptions at a Geneva hotel. "These women joined with us in an informal camaraderie," Herschkowitz said. The spontaneous bond that they established across national boundaries was one of the most memorable aspects of the trip, she said.



Meeting in Geneva, a women's peace mission, organized in part by Susan Herschkowitz '77, front row fourth from left, had as one of its objectives a talk with a Soviet official—and it succeeded. Bella Abzug can be seen in second row, far right.



Football heroes John Ragimierski and Chuck Downey closed the football season with honors. Both received honorable mention on the national Pizza Hut All America team.

Patriots' Fall Sports Summary

By Cheryl Gross

120 SB Athletes Receive Varsity Letters

One hundred and twenty students were awarded varsity letters for intercollegiate fall sports participation at Stony Brook's athletics award ceremony.

The letters were given in a program at which the coaches also revealed winners of the annual awards given student athletes they judged the most valuable players (MVP) and most improved (MIP) on their teams.

Football

The Patriots' varsity football team handed fans plenty of excitement in its third season of NCAA Division III play. The season opened at home with a convincing win over Ramapo (22-6). The Patriots then narrowly missed an upset over nationally ranked Hofstra (15-17) by playing one of the team's finest games ever. With barely enough time to recover from the battle with the Dutchmen, the Patriots faced another nationally ranked team, Wagner, and suffered their second defeat (10-26). The Patriots then lost their next two contests, Worcester State (10-35) and Kean (18-21).

Coach Sam Kornhauser knew his team had the necessary abilities and talent to finish the season well, but in order to accomplish the best possible finish, changes were needed. The decision to move junior John Ragimierski, a talented player who started the season as a defensive back, into the quarterback position proved to be the key.

The Patriots finished their season by winning all of their last five games, shutting out four opponents and giving up only six points (Fitchburg 39-0, Brooklyn 38-0, Maritime 36-0, St. Peter's 45-6, Brockport 19-0).

Football players cited for regional and national recognition:

Ragimierski, who was named most valuable on the football squad, was fifth in the nation in kickoff returns. For the second year, teammate Chuck Downey placed second in the nation in kickoff returns. He also finished fifth in the nation in punt returns. Ragimierski and Downey also received honorable mention recognition on the third national Pizza Hut All America team.

The ECAC also recognized Ragimierski and four of his teammates during the season. Player of the week honors were given Ragimierski for his Nov. 9 performance against St. Peter's College. In that game, he ran for two and passed for two of the six touchdowns scored, while completing nine of ten passes for 168 yards. ECAC honorable mentions were: Nicholas Iannone, who was recognized twice, first for his performance on Nov. 2 against Maritime and again for his performance on Nov. 16 against Brockport; freshman Paul Klyap who received recognition for his performance in the Sept. 9 game with Hofstra; and senior Jorge Taylor who was recognized for his performance against Brooklyn College Nov. 26. Kevin Noonan, a sophomore from Coram, was named the team's most improved player.

Men's Soccer

The men's soccer team ended its season 8-5-5, and was undefeated, untied and unscored upon in the Suburban Soccer Conference, establishing themselves as one of this region's strongest Division III soccer teams. The Patriots were seeded second in the ECAC Metro NY-NJ Division III Championship tournament, but after a triple overtime tie, third seed Kings Point was advanced to the final game by defeating the Patriots in a shootout.

Seven soccer players received regional recognition by the New York Suburban Intercollegiate Soccer League, in Division III. Named to the all-star team were: Roy Richards, Matt McDade, Paul Nasta, Paul Doherty and Mike Marsh. Teammates Mike Skotzko and Mark Ashman received honorable mention recognition. In addition, head coach Shawn McDonald was named coach of the year.

Marsh was named the team's most improved player, and Doherty was recognized as the team's most valuable player.

Men's Cross Country

In the best season finish ever for the men's cross country team under the direction of coach Gary Westerfield, the Patriots took the ECAC Division III team championship and placed eighth in the NCAA Division III regional. Leading the harriers for the Patriots were senior co-captains Charles Ropes and Daniel Riconda. Ropes, the team's most valuable player, set a new school time record and achieved the best individual finish for a Patriot at an NCAA III regional. Riconda was named most improved for the team.

Women's Cross Country

Leading the women's cross country team were seniors Liz Powell and Megan Brown. Powell, who was the team's most valuable player, finished the season as the Patriots' all time second fastest runner. Brown, the most improved for the team, finished as the school's third fastest runner. The women harriers, under the direction of first-year coach Rose Daniele, captured their own invitational, beating C.W. Post (Division II), Vassar and Long Island University, with Powell and Brown finishing first and second, respectively. The women's team also posted an eighth-place finish at the NCAA Division III regionals.

Women's Tennis

First-year coach Clark Pratt was pleased with his women's tennis team's 7-0 overall season finish, which boasted six shutouts. The team was led by sophomores Erica Iten and Debbie Gruskin. Iten was named most valuable and Gruskin was named most improved for the team.

Women's Soccer

As with the football team, this was the third year of NCAA III competition for the women's soccer team. First-year soccer coach Sue Ryan's team ended

Spring Sports Schedule

WOMEN'S OUTDOOR TRACK

Mar. 29	C.W. Post	(A)	9:00
Apr. 5	Moravian Invitational	(A)	1:00
Apr. 13	St. John's Invitational	(A)	10:00
Apr. 18	Rutgers	(A)	4:00
Apr. 25	Penn Relays	(A)	1:00
Apr. 27	Stony Brook Invitational	(H)	10:00
May 2	NYS AIAW Championship	(A)	TBA
May 3	NYS AIAW Championship	(A)	TBA
May 10	PAC Championships		TBA
May 21- May 24	NCAA III Championships	(A)	TBA
COACH: Rose Daniele			
ASSISTANT: Ken Bohan			

MEN'S OUTDOOR TRACK AND FIELD

Mar. 29	C.W. Post Relays	(A)	9:00
Apr. 5	Moravian Invitational	(A)	1:00
Apr. 13	St. John's Invitational	(A)	10:00
Apr. 18- Apr. 20	Rutgers Relays	(A)	4:00 9:00
Apr. 25	Penn Relays	(A)	1:00
Apr. 27	Stony Brook Invitational	(H)	10:00
May 3	CTC Championships	(A)	10:00
May 10	PAC Championships		TBA
May 21- May 24	NCAA III Championships	(A)	TBA
COACH: Gary Westerfield			
ASSISTANT COACH: Ken Bohan			
ASSISTANT COACH: DeWitt Davies			

MEN'S VARSITY BASEBALL

Mar. 22	SUNY Plattsburgh (DH)	(H)	11:00
Mar. 27	Queens*	(H)	3:30
Mar. 29	Lehman*	(H)	11:00
Apr. 3	Adelphi*	(H)	3:30
Apr. 5	Staten Island* (DH)	(A)	11:00
Apr. 9	Dowling*	(H)	3:30
Apr. 10	NY Maritime	(A)	3:30
Apr. 12	John Jay* (DH)	(H)	11:00
Apr. 15	Dowling	(A)	3:30
Apr. 19	CCNY* (DH)	(H)	11:00
Apr. 24	Mercy*	(A)	3:30
Apr. 26	USMMA (DH)	(A)	12:00
Apr. 30	SUNY Farmingdale	(H)	3:30
May 1	Concordia*	(H)	3:30
May 3	Manhattanville* (DH)	(H)	11:00
May 9- May 10	Knickerbocker Conference Playoffs		
*Knick Conference Games			
COACH: Mike Garafola			

MEN'S LACROSSE

Feb. 22	Drew (Scrimmage)	(A)	1:00
Mar. 1	Farmingdale	(A)	11:00
Mar. 8	C.W. Post	(A)	2:00
Mar. 12	St. John's	(A)	3:30
Mar. 19	Geneseo	(H)	3:30
Mar. 22	Oneonta	(H)	1:00
Mar. 25	Roanoke	(H)	3:00
Mar. 28	Oswego	(H)	3:30
Mar. 31	NY Maritime	(A)	TBA
Apr. 5	Suffolk CC	(H)	1:00
Apr. 12	New Hampshire	(A)	TBA
Apr. 15	Albany	(H)	3:30
Apr. 17	USMMA	(H)	4:00
Apr. 23	Southampton	(A)	3:30
Apr. 26	Pace	(A)	1:00
May 2-3	ECAC Regionals (Metro NY-NJ Area)		
COACH: Bruce Casagrande			

MEN'S TENNIS

Mar. 31	Baruch	(A)	3:30
Apr. 1	Adelphi	(A)	3:30
Apr. 3	St. John's	(A)	3:30
Apr. 5	Southampton	(H)	1:00
Apr. 10	Dowling	(A)	3:00
Apr. 12	F.D.U. (TEA)	(A)	1:00
Apr. 17	NY Tech	(H)	3:30
Apr. 19	Brooklyn	(H)	1:00
Apr. 22	C.W. Post	(A)	3:30
Apr. 23	Army	(H)	3:30
Apr. 24	Queens	(H)	3:30
Apr. 26	C.S.I.	(H)	1:00
Apr. 30	Hofstra	(H)	3:30
May 3	Concordia	(H)	1:00
May 2-6	MCTC Championship		
COACH: Clark Pratt			

(A) = Away Games
(H) = Home Games
PAC = Public Athletic Conference
CTC = Collegiate Track Conference
MCTC = Metropolitan Collegiate Tennis Conference

WOMEN'S VARSITY SOFTBALL

Apr. 1	Staten Island	(A)	4:00
Apr. 3	Queens	(H)	3:30
Apr. 5	Hunter (DH)	(H)	12:2:00
Apr. 7	Manhattanville	(H)	4:00
Apr. 9	Pace	(A)	4:00
Apr. 15	Molloy	(A)	3:30
Apr. 17	New Rochelle	(A)	4:00
Apr. 19	Binghamton	(H)	11:1:00
Apr. 21	Brooklyn	(H)	4:00
Apr. 23	Lehman	(H)	3:30
Apr. 26	Albany (DH)	(H)	11:1:00
Apr. 27	New Paltz (DH)	(A)	11:1:00
Apr. 29	NY Tech	(A)	4:00
Apr. 30	Mercy	(H)	4:00
May 3	Alumni Game	(H)	12:00
May 10- May 11	NYSIAIW Staten Island		TBA
COACH: Judy Christ			

its season 6-7-0, a marked improvement over last season's record (1-13-1). Junior captain Celeste Rice was named the team's most improved, while freshman Rose Hickey was given most valuable player honors.

Women's Volleyball

Throughout the season, coach Teri Tiso hoped her women's volleyball team (23-15-1) would "peak-out" at the end of the season, and that is just what they did. The Patriots placed fifth at the NYSIAIW volleyball tournament, which featured the top 16 teams in the state. Before falling to ninth-seed SUNY

Brockport in the quarterfinals, the 12th-ranked Patriots won their first-round pool (3-0) by defeating 13th-seed Siena and upsetting fourth-ranked Albany and fifth-ranked U. of Rochester. Freshman Nancy Streiber was named to the tournament all star team.

Sophomore co-captain Joanne Lafferty and freshman Ellen Chang were named most valuable and most improved players for the team. Senior Denise Driscoll was the team's other co-captain.

A Hillel Tribute to Two Leaders

(And a Short Historical Account of Jewish Life at Stony Brook)

Dr. Peter B. Kahn, professor of physics, and Dr. Meyer Mehlman, retired Smithtown dentist and Long Island B'nai B'rith leader, were honored at a luncheon December 12 for their contributions to Jewish life on campus. The words below were delivered at the luncheon.

*By Carl J. Rheins, Ph.D. '78
Assistant to the Provost*

For twenty years you have served Jewish students at Stony Brook in ways which can never be adequately acknowledged. We will never be able to replace you because unknowingly you were part of a larger historical phenomenon; a phenomenon which scholars of American Jewish history are now only beginning to understand and analyze and which involved at Stony Brook the establishment of a Hillel Foundation, a Program in Judaic Studies, cooperative exchange agreements with Ben Gurion University of the Negev, the establishment of a kosher meal plan, and the purchase in 1969 of our Hillel House, which concretely bound us together.

To understand what you have accomplished, one has to appreciate the position that Jews faced in higher education in New York State at the end of World War II. Hundreds of thousands of Jewish GI's returned to New York State in 1945/46 only to find that the democracy for which they had fought in Europe, North Africa, China, and the Pacific was still denied them at home.

Statements in 1946 by the Deans of metropolitan medical and law schools spoke openly, without embarrassment, of limiting the number of new "Hebrew" law school and medical school students to six percent of the total student body.

Throughout the United States faculty positions were closed to Jews. It would not be until 1947 that Yale would confer tenure on its first Jewish professor (a man in the law school) and it would not be until 1948 that Columbia's English department would hire its first Jew, the distinguished American literary critic Lionel Trilling.

This blatant anti-Semitism in New York State and elsewhere was directly responsible for legislative hearings in New York City in 1946 and 1947 which led to the creation of the State University of New York, a university committed, since its founding, to the goal that it would not discriminate in its admissions policies, educational programs, or employment. With the establishment of SUNY Downstate Medical Center in Brooklyn, in 1949, Jewish students obtained an opportunity to be evaluated for admission to medical school without fear of being rejected because of their religion. While NYU, Syracuse, the City College of New York, Hunter College, and a few other institutions would continue to welcome Jewish undergraduates, it was the new SUNY system that, beginning in the late 1950's, captured the imagination of Jewish parents and students alike.

This was certainly the experience at Stony Brook. From the onset, Jewish students in New York City and Nassau County looked to Stony Brook as an elite institution, free of institutional anti-Semitism, where they could receive an affordable quality education. In 1982, Rabbi William Rudolph of the National Hillel Foundation staff wrote:

In the 1960's Jews began to appear in significant percentages at elite institutions that previously had relatively few Jews—one thinks especially of Ivy League schools such as Princeton..., Harvard..., Yale..., and Pennsylvania. Jews grew in number at the large public universities as well, especially those outside the urban areas—at SUNY

schools, rather suddenly, there were 4,000 Jewish students at Albany, 5,000 at Stony Brook, and 6,000 or more at Binghamton (accompanied by severe drop-offs in New York City, especially at CCNY). *The Changing Profile of the Jewish College Student* (1982).

Who would welcome these Jewish students to Stony Brook? Responding to the ancient Hebrew adage that every Jew is responsible, one for another, and mindful of the experiences of their own children at other universities, B'nai B'rith lodges in Suffolk and Nassau attended to the needs of Stony Brook's Jewish students. In 1969, a group of local B'nai B'rith members, led by you, Meyer, Julian Silverman, and Leonard Sonnenberg, purchased the home and large tract of land at 75 Lower Sheep Pasture Road, East Setauket, which today serves as the official residence for Stony Brook's Hillel director.

Little did anyone realize what an important contribution you had made. Only now, on the occasion of your retirement from the Hillel Board do we understand, Meyer, the significance of your work.

From 1969 to 1974, Hillel House was a Hebrew speaking residence in which students lived and studied in preparation for emigration to Israel. The House was part urban *kibbutz*, boarding house, and *havurah* (spiritual fellowship). There was a daily prayer system and a weekly sabbath service. Dietary laws were observed. Hebrew was studied, and Jewish students met at all hours of the day and night to discuss politics, literature, history, psychology and theology. At least three residents from that period eventually emigrated to Israel: Elliot Prager, Dr. Reuben Freeman and his wife, Annette Freeman.

In the aftermath of the Yom Kippur War and the transfer of religious services to the Main Campus, the Hillel House entered a new phase. It became less of a training center for prospective emigrants and more of a *havurah* catering to the needs of Jewish graduate students.

No less than seven of the Jewish students who lived in the Hillel House between 1974 and 1980 received their Ph.D.'s and today can be found on the faculties of Columbia, Cornell, and Rockefeller universities. In fact, every Jewish doctoral candidate who moved

"blatant anti-Semitism in New York State and elsewhere was directly responsible for legislative hearings in New York City in 1946 and 1947 which led to the creation of the State University of New York..."

into the Hillel House during that period finished his dissertation. When I re-read the acknowledgement page in my own dissertation, I realized now more than ever, that it was you and your B'nai B'rith lodge brothers who were our true "dissertation fathers."

You paid the mortgage, you paid the plumber when the pipes froze, you furnished the library, you subsidized our rents so that we could conduct our research experiments, write our dissertations and still have time to help organize a Jewish Graduate Student Organization, four major Jewish Arts Festivals, and numerous other Jewish activities.

The Hillel House in East Setauket has become the symbol of a Jewish presence on the Stony Brook campus and a haven for foreign Jewish students, especially recent Russian and Iranian refugees. When Alexis Karpis

arrived from Moscow in 1974, he found a temporary home in the Hillel House and a community of fellow graduate students who welcomed him into their midst. For Moshe Gai, Udi Dafni, and Naomi Dafni from Israel, for Eli Schaap from Holland and for the dozens of other Jewish graduate students who were part of that era, it was at the Hillel House where we first met and where we made plans for the future. Thank you, Meyer, for giving us this opportunity. A thousand thanks.

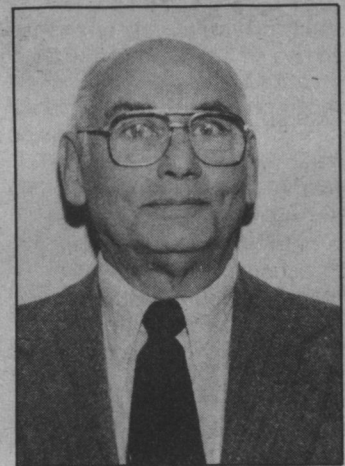
And now I want to say a few words about my dear friend, Peter Kahn, Professor and Chairperson of the Department of Physics. For the past

you had created the nucleus for both a Jewish Studies Program and a B'nai B'rith Hillel Foundation, an accomplishment for which numerous students and alumni remain indebted.

Although you would later organize the first Hillel faculty board at Stony Brook, chair the Judaic Studies Advisory Committee, and serve as faculty advisor to the Jewish Graduate Student Organization, your most important contributions have been by personal example. You demonstrated that a professor at a liberal, secular university could educate one's children Jewishly, maintain a kosher home, identify publicly with Zionist causes, observe



Dr. Kahn, former chairperson of the Physics Department and former fellow of Israel's Weizmann Institute of Science, organized and chaired Hillel's Faculty Advisory Board for many years. He is spending this semester at Ben Gurion University's Institute for Desert Research.



Dr. Mehlman served as president for 15 years of Friends of Hillel at Stony Brook, Inc., the support group for B'nai B'rith Hillel Foundation at Stony Brook. The Friends raised funds for the purchase and operation of Hillel House.

two decades, Peter, more than any other professor on this campus, has tirelessly served the needs of Jewish students with dedication, wisdom and courage. And like the Jewish students who were attracted to Stony Brook in the early 1960's because it offered an open and exciting environment, Peter, too, has thrived at the University. This December 18 Professor C.N. Yang and others will honor you for your achievement in helping to build Stony Brook's Department of Physics into one of the truly great physics departments in the world. Today, I want to concentrate on your contributions to Jewish life on this campus.

Today, there is a Jewish Studies Program and Hebrew language instruction on this campus because of you. Too few know that it was you,

"From the onset, Jewish students in New York City and Nassau County looked to Stony Brook as an elite institution, free of institutional anti-Semitism..."

Peter, who convinced President Toll to make the University's first appointment in Jewish Studies in 1970. Furthermore, you convinced Rabbi Oscar Groner, then National Director of B'nai B'rith Hillel, to establish a B'nai B'rith Hillel Counselorship at Stony Brook. Rabbi S. David Sperling became our first Hillel adviser. By the end of 1970,

the holidays and still be recognized by non-Jewish colleagues as a scholar and a full partner in the University's educational mission.

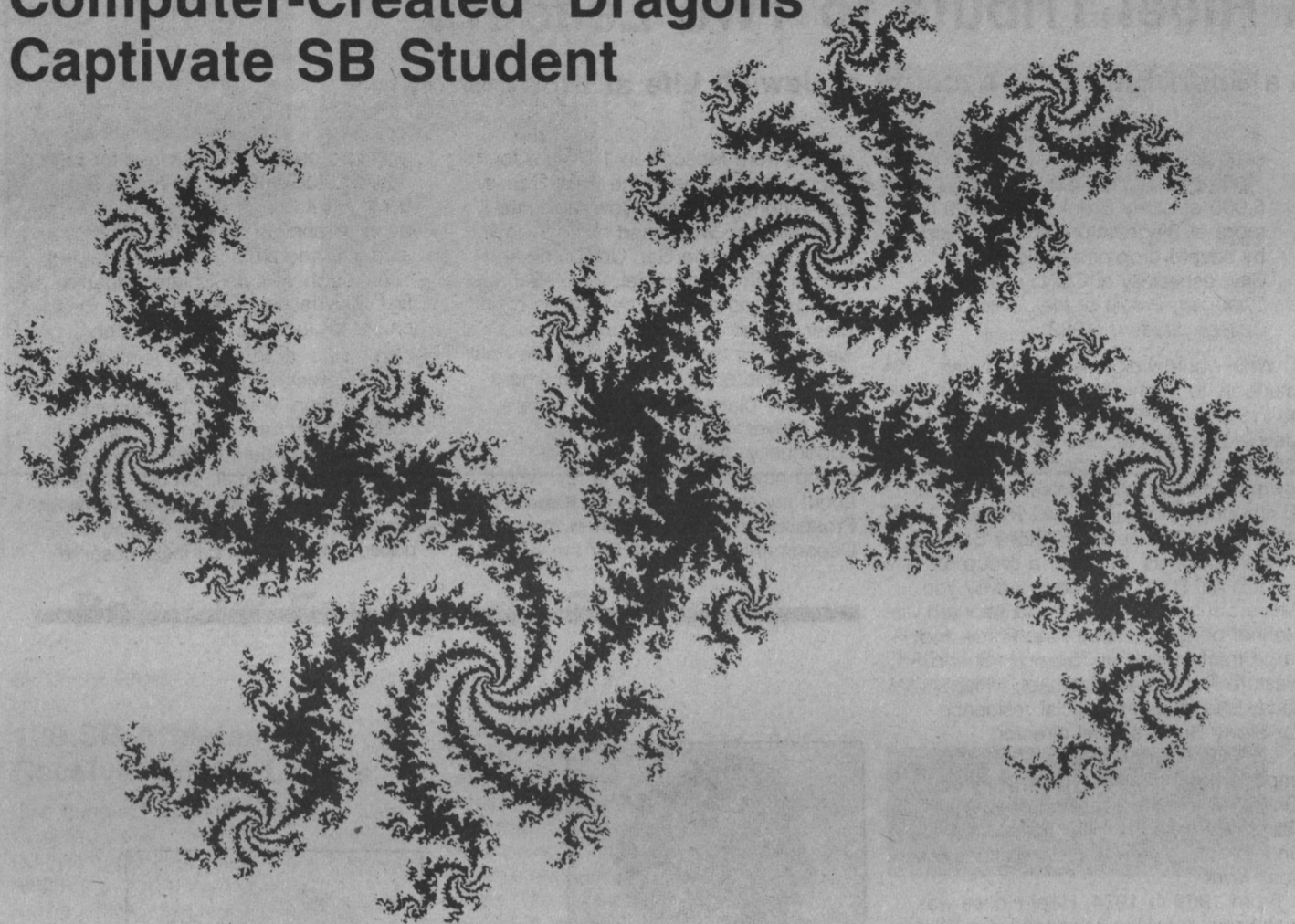
You taught us these lessons on campus and in your home. For twenty years your house has been a second home to Jewish students and visiting Israeli scholars. Your children grew up with Stony Brook students always at their dinner table.

In 1979, when Henry Rosovsky, then Dean of Harvard College, carrying a torah scroll in his arms, led a procession of students and faculty across Harvard Yard past the statue of John Harvard to dedicate the new home of the Harvard/Radcliffe Hillel Society, Rosovsky said:

Today, Hillel is moving from the periphery of the campus to its very center.... What is perhaps more remarkable is that we have succeeded in transforming ourselves from a group of individuals into a community. (Henry Rosovsky as quoted in Charles Silberman, *A Certain People*, 1985.)

In some ways Hillel is still on the periphery at Stony Brook. The fact that Hillel is here at all is due largely to your contributions and those who have had confidence in your leadership. For those who succeed you on the Hillel Board, the challenges are great. Our students deserve a large, campus-based, multi-functional Hillel House. Hillel budgets grow tighter. Nonetheless, the foundation has been laid, the basic work has been accomplished. We will always remember you and what you built here.

Computer-Created 'Dragons' Captivate SB Student



By William Oberst

How long is the coastline of England?

You'd think this question could be answered in a relatively straightforward way with the help of a map. But what if you took into account every little inlet and promontory? As you measured into and around these features, you'd get a longer length than you would using the map's simplified scale.

Carrying this idea further, suppose you used a one-foot ruler and wrapped it around every rock? Or, to get a more accurate answer, a very tiny ruler that let you measure in between and around every grain of sand at the water's edge of every beach? The result would tend toward infinity. Your answer depends on your point of view.

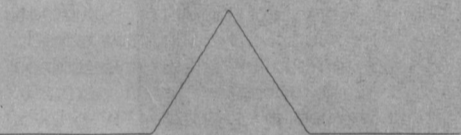
Natural objects of every kind, it turns out, have this "pathological" character of containing infinities within their finite dimensions. It wasn't until recently, however, that a mathematical tool surfaced that could model this pervasive feature of the world. A curious variety of mathematical objects called "fractals" is taking many fields of science by storm.

Fractals have caught the interest of Peter Schroeder, a mathematics student at Stony Brook who is continuing his studies at the Technical University of Berlin, Germany. He is among an already sizeable community of researchers who are using computers to depict fractal shapes.

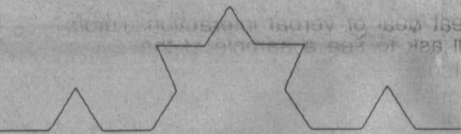
After hearing a presentation by Benoit Mandelbrot, the inventor of fractals, at a computer graphics workshop in 1984, Schroeder went home and programmed some fractals on his Atari 800. He's logged many hours on fractals at the Computing Center's microcomputer lab, and has made a fractal-generating program available in the microlab for anyone who is interested.

To see how a computer mimics fractals, consider how it draws a "Koch

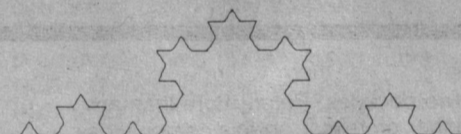
curve." Take a line segment, divide it into three parts, and erect an equilateral triangle over the middle third:



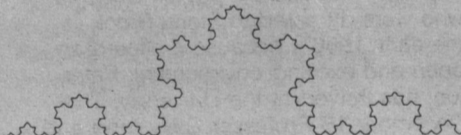
Now do the same thing to each of the line segments in this new shape; i.e. divide each of the four segments into thirds, and erect equilateral triangles over the middle portions:



Do it again:



And again:



If you carried this through an infinite number of generations, you'd have a fractal.

Fractals can look very beautiful—see the fractal "dragon" above.

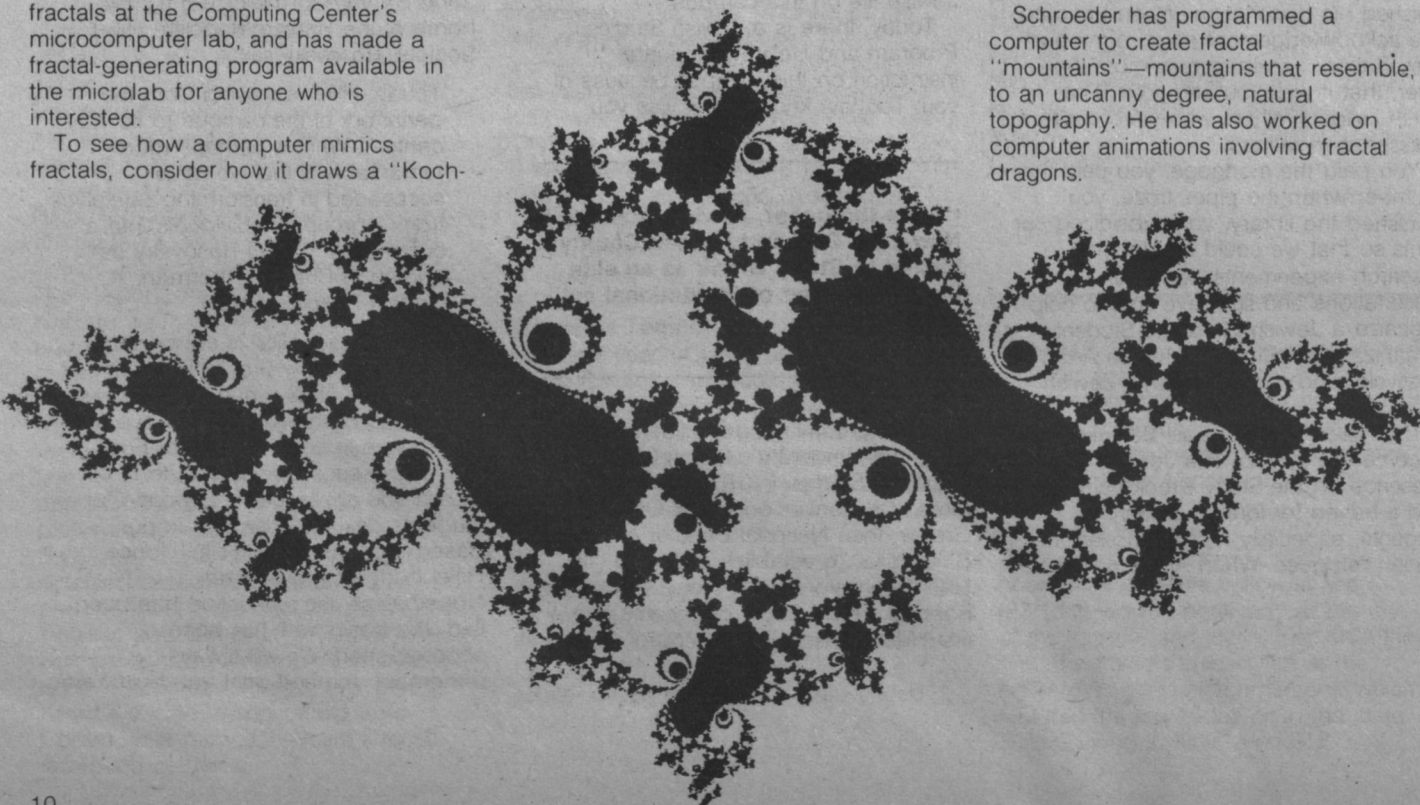


Peter Schroeder

reproduced from the Computing Center's newsletter, *Interface*. Their beauty is often derived from a property called "self-similarity"; in the Koch curve above, for example, the shape of the first generation is repeated throughout every generation, at smaller and smaller scale. The fractal dragon above similarly consists of spiral patterns made of spiral patterns.

Ordinary, backyard-variety trees exhibit this property, too. A branch, with its "trunk" and smaller branches, resembles the entire tree; a twig resembles a branch.

Schroeder has programmed a computer to create fractal "mountains"—mountains that resemble, to an uncanny degree, natural topography. He has also worked on computer animations involving fractal dragons.



Reunion News

Class of '66 will celebrate their 20th reunion in June. Classes of '63-'69 are invited to return to campus to join their classmates from '66. If you are interested in participating on the reunion planning committee, please call the Alumni Office at (516) 246-7771.

Classes of '71, '76 and '81 will celebrate their 15th, 10th and 5th reunions on Homecoming, October 18. All graduates from the 70s are invited to return to campus to join their classmates from these reunion years. Please call the Alumni Office at (516) 246-7771 if you wish to participate on any of these reunion planning committees.

SB's First 25th Reunion

SUNY at Stony Brook will celebrate its first 25th reunion at Oyster Bay on September 13!

The class of '61 invites the class of '62 to join them for their 25th reunion. Please help us locate the graduates from the classes of '61 and '62 who are missing. We do not have current addresses for these alumni on file. If you recognize one of these names and know how we can find that person, please inform us by sending a card to: 25th Reunion, Alumni Association, 330 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794-0604.

Chairpeople for the 25th Reunion are: Delores Baker '61 and Mary Lou Lionells '61.

Where Are You?

Class of '61
Kathleen Maura Barrett
Diane Ellen Bogardus
Frank James Carr
Patricia Cullen
Gordon Requa Little
Nancy A. Nevole
Jesse McKinley Nicholson
Robert Charles Victor
Ronald Henry Warmbier

Class of '62
Muriel Benter
Dennis Coleman
John J. Donaday
Marion A. Eisenstein
Warren Engelke
Edward Farnworth
Mary Federoff
Madeline Fischer
Lois Ginsberg
George Gurney
Nina R. Haug
Florence A. Hershberger
Joy Johnson
Eric Knuffke
Howard Kogan
Carol Kuncze
Lance J. Lessler
Gerard Levine
Quinten T. Lonske
John Lussi
Mary Ellen Maraia
Burton W. Marks
Cornelia McCormack
Albert Messina
Maryann Mills
Eleanor Moskowitz
John A. Nagle
Virginia A. Nelson
Carol A. Ocvist
Kathleen O'Neill
Judith Patchell
Richard Poupard
Lorraine M. Reich
Alan K. Roecklein
Martin Samoiloff
Glenn Sharrock
Robert Silverstone
Robert E. Skorpil
Judith P. Stout
Janet Fishman Tucker
Sheldon Weinberg
Carol Williamson

Two Alumni Named Fulbright-Hays Winners

Two alumni have been named recipients of Fulbright-Hays Awards for overseas study for 1985-86.

Maria G. Messina, a doctoral candidate in Stony Brook's Department of Anthropology, is using the award to study the changing role of women in Morocco. Ms. Messina received both her bachelor's and master's degrees from Stony Brook.

Peter C. Rubardt, who received his master's degree in orchestral conducting from Stony Brook in 1984, is continuing his studies in Vienna, Austria.

Dental Students Provide Service, Examinations to Undergrads

For the third year, students in the School of Dental Medicine are providing a volunteer community service to Stony Brook's undergraduate resident students.

As part of a program they call "student-to-student dental outreach," dental students spend several evenings visiting a dormitory lounge. With the aid of portable dental chairs, and under the supervision of faculty members from the School of Dental Medicine, they examine undergraduates for early signs of tooth decay and gum disease. The volunteers also explain proper brushing and flossing techniques, present an audio-visual overview of dental health issues, distribute free floss and toothbrushes, and provide specific advice tailored to the individual being examined.

The program has been cited by the U.S. Department of Health and Human Services as "an innovation in health promotion and disease prevention." It also won second prize last year in the American Association of Public Health Dentistry's community dentistry competition, and received an award last

year from the University's Faculty Student Association for having made "the most significant contribution to the quality of life on campus."

So far, more than 500 undergraduates have received the free examinations, said outreach founder Jonathan Garlick. Dr. Garlick, a former Stony Brook dental student who graduated last year, began the program because "college-age students face an important transitional stage in their oral health. They aren't eating right, which may contribute to tooth decay, and are approaching an age when their chances of developing periodontal (gum) disease will increase. At the same time, many students are away from home and family dentists for the first time."

Tina Micelli, a dental student from the Bronx and coordinator of this year's outreach effort, stressed that the program is not an attempt to "compete" with the students' own dentists. "We provide the students with a written report of our findings, and ask them to see their dentists for a follow-up," she said. "We want them to accept responsibility for their own dental health at this point in their lives, and to realize that working with their dentists is part of that responsibility."



Emergency care for patient Kelly Miranda is provided by Corps members (from left to right) Jim Rogers, Jim Luciano, Denise Peters and Jean Barrett.

Volunteers Staff Round-the-Clock Ambulance Corps

By Ellen Barohn

The University is like a small city: people commute here to work, they live here and they spend leisure time here. And, as in any city, people here may have problems that require emergency services.

One of the on-campus organizations providing such service is the Stony Brook Volunteer Ambulance Corps, which is proudly showing off its new ambulance.

The 15-year-old organization, after a two-year fund-raising campaign, has acquired its second emergency vehicle even while working hard at providing round-the-clock services with a limited budget.

Corps President Charlie Gatto and Vice President Barry Sadler (both undergraduates in their senior year) said the group operates on an annual budget of approximately \$35,000. Half comes from Polity (the undergraduate student government) and half from the state.

One hundred thirty volunteers staff the service seven days a week, 24 hours each day. The service operates two ambulances and a transport vehicle. A major portion of the Corps'

budget is spent on insurance and to repay a loan that helped finance the \$40,000 ambulance.

The staff is made up mostly of undergraduates, with some graduate students and faculty members also participating. Each volunteer is required to complete a 26-hour Red Cross course in standard first aid and a 10-hour training program in CPR (cardiopulmonary resuscitation.) In addition, almost half the volunteers are certified emergency medical technicians (EMTs.) Throughout the school year, volunteers are required to attend periodic training sessions.

Once trained, the volunteers function as any ambulance service anywhere does. Each duty shift, running from two to nine and a half hours, is staffed by five crew members headed by a certified EMT. They make emergency calls on campus, including accident scenes, and transport the handicapped.

Gatto and Sadler said, "The Ambulance Corps would like to expand our training and our equipment. We provide a vital service and we enjoy doing it."

The Writing Center

Helps Writers Communicate

By Sue Risoli

Humphrey Bogart looks at you, kid, from a *Casablanca* poster on the wall. On a nearby table lies a pile of manuals offering helpful hints and suggestions. Someone with an outstretched hand and reassuring smile invites you into one of four cheerfully decorated cubicles.

Which is why the Writing Center changed its name.

Stony Brook's center for writing instruction used to be known as the "Writing Clinic." But its philosophy—that no stigma should be attached to needing help with writing—and friendly atmosphere made the old name an inappropriate one.

"'Clinic' always sounded like someone was sick," said Dr. Pat Belanoff, Center director and associate director of Stony Brook's writing program. "It sounded like you had to have some terrible deficiency in your writing to come here."

"It also implied a one-shot treatment," she continued. "We want people to realize that their relationship with us can be ongoing."

That relationship is based on communication. Those who visit the Writing Center (open to any member of the campus community—faculty, staff or student) can look forward to a great deal of verbal interaction. Tutors will ask to see a sample of the person's writing, and then talk to them about what they hope to achieve in a particular writing assignment and find out what they want from the Center.

"We ask the person to explain to us what it is they want to write about," said Dr. Belanoff. "Having someone listen helps the writer focus. The first step is to get them to know exactly what it is they want to communicate, and to get into a 'back and forth' discussion that makes them think a little more about their writing."

One thing tutors don't do, she said, is copy edit. "People can't just drop something off and say, 'here, fix it up,'" she said. "We will work on mechanics with them, but they have to do the fixing up themselves."

In addition to those mechanics—spelling, grammar—the Writing Center stresses the importance of rewriting. "It comes as a revelation to some people that even the best writers rewrite," said writing specialist Dennis Clark. Last spring the Center sponsored a seminar at which members of the University community—including Obie-winning playwright Amiri Baraka and Pulitzer Prize-winning poet Louis Simpson—explained their writing strategies. "They all said they rewrite," said Clark. "But some people are afraid to do that. They think they have to get it right the first time."

That reluctance can be just one of the psychological barriers to successful writing. Shoring up a writer's confidence is part of the job of Writing Center tutors.

"A large number of people, even faculty who've written a lot, often don't have a lot of confidence about their writing," said Clark. "Or they might tend to think of criticism of their



writing as criticism of them. You have to be sensitive to that."

"Dignifying the person's ideas," said Dr. Belanoff, "is the key. You look at a paper and start by saying, 'I know there's good in this; what is it.' If you believe that all writing has some kind of a germ of good in it—which I do—then it's not being phony to do that."

Although most of the writers who come to the Center are undergraduate students, "we're open to all members of the campus community," reminded Dr. Belanoff. Sometimes University staff members come by "to ask for help writing a resume or a letter of application, but we wish more staff people would come in," said Clark. "The ones who do see us, though, leave feeling pleased with what they learned."

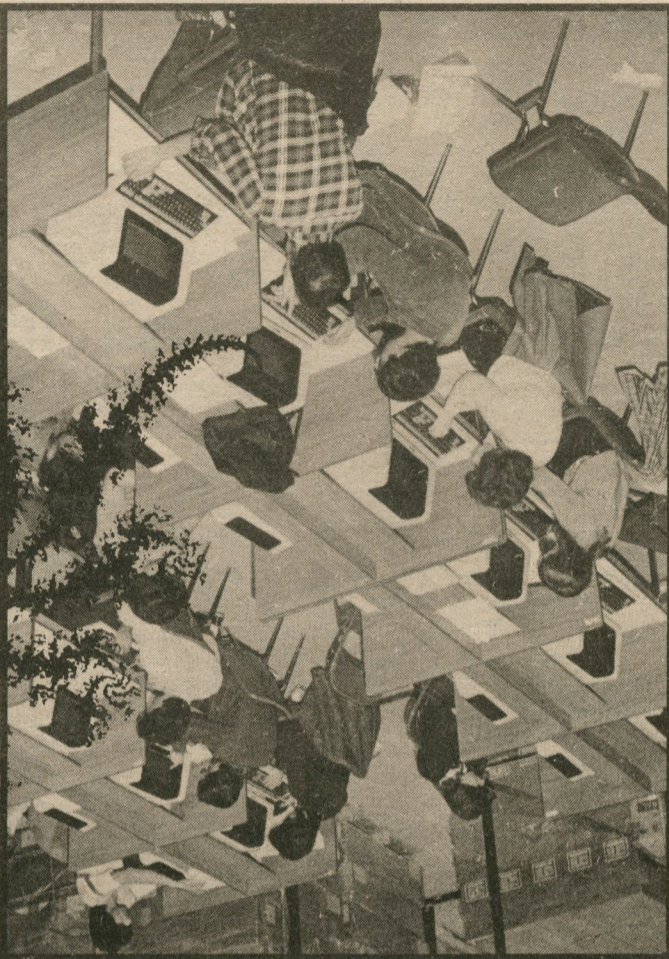
One group the Center would like to see more often is faculty members who have given writing assignments to their classes. "We would love it if a faculty member would call us up and say, 'I've given the class this assignment and told the students they can come to you,'" said Belanoff. "It's hard for a professor teaching a large class to talk over a paper with every one of his or her students. We would be delighted to work out any arrangement possible with a faculty member—we feel we could really be effective at providing that kind of assistance."

And sometimes such an arrangement ultimately is more beneficial for students, Clark noted. "Too often students are writing to please the teacher, and they delve inside that person's head instead of their own. We ask them to explain to us what they want to say, not what they think they should say, and it produces better writing."

For the tutors, too, there are benefits. "Tutors can be friends," said Dr. Belanoff. "It's nice when you can relate without feeling responsible for giving the person a grade. You feel it and the students feel it."

Last semester the Center logged almost 1,000 visits. Many of those were "repeats." "A session can be exhausting work for both writer and tutor," said Clark. "Many times people will come in once a week for several weeks. We talk, they go away and write and come back to show us a first, second or third draft. It works best if you deal with grammar at one session, and maybe a different problem at the next."

Now that the University has made curriculum changes to ensure that all undergraduates can demonstrate writing proficiency, Clark and Dr. Belanoff anticipate an even greater number of visits to the Center. "We're here to help if people need us," said Dr. Belanoff. "Everyone—I don't care how good they are—can benefit from getting a little help with their writing."



Michael Petroske

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SPECIAL PARENTS ISSUE

PEOPLE

STONY BROOK

New Living Marine Resources Institute to Help Fishing, Shelling Industries

New York State's beleaguered commercial fishermen—caught in a bind between declining harvests and loss of jobs—have a new friend named "LIMRI" at the University's Marine Sciences Research Center (MSRC). LIMRI is Stony Brook's recently established Living Marine Resources Institute. Among its initial goals is a resolve to help restore the state's ailing fishing and shellfish industries to the prominence and profitability they enjoyed a decade ago, and to expand them even further.

"New York's coastal fisheries are in bad shape, probably worse than anywhere else in the United States," said Dr. J.L. McHugh, a retired MSRC fisheries scientist who is acting as an adviser to LIMRI. "It's hard to know exactly what to do," McHugh said. "Work must be applied on a basis larger than just the state of New York. The hard clam industry is local, however. We can do something about that here." Environmental problems such as pollution, combined with overfishing, habitat alteration and a lack of management programs designed to protect standing stock, have led to a sharp drop in harvests and a corresponding loss of jobs.

"These problems can be addressed effectively only by a group of specialists who encompass a broad range of expertise in the coastal marine sciences," said Dr. J.R. Schubel, dean of the MSRC. "The Center's 40-member faculty covers all the major disciplines of the marine sciences."

New York's fishing industries are valued at a half-billion dollars a year. Its recreational marine fishing industry, at \$250 million a year, ranks second only to Florida's. Fishing on Long Island has

an economic value far greater than agriculture, employs many more people and requires just as much technical information to sustain it. The state's successful agriculture experiment stations, however, have never addressed the related field called aquaculture. LIMRI intends to change all that.

Drastic drop in harvest

One of the problem areas to be explored is the hard clam fishery. Hard clams from Great South Bay yield an estimated \$100 million a year, but have undergone a drastic drop in harvest since the fishery peaked during the 1970s. "It was up to 700,000 bushels a year in 1976," said Dr. Robert Malouf, associate professor of shellfish biology. "It's down to about 180,000 bushels now." Malouf believes proper management could return the harvest to 350,000 bushels a year and maintain it at that level. Scallops and oysters, also part of Long Island's shellfish industry, are under particularly close scrutiny now after an unexpected "bloom" of algae destroyed this year's scallop harvest. Striped bass is another fishery in serious trouble, but knowledge of the factors that affect standing stocks is inadequate to design effective management and implementation strategies. Armed with facts and statistics, Schubel and his MSRC staff drafted a proposal to create LIMRI.

With support and guidance from New York State Senator Kenneth LaValle, the state legislature appropriated \$340,000 last spring to establish the institute. This provided base-budget funding of \$140,000 for four new faculty positions and two staff members, plus a one-time \$200,000 appropriation for facilities and equipment. Schubel and his colleagues see the \$340,000 required to create

LIMRI as "modest," since LIMRI is housed within the 17-year-old MSRC and should return the investment manifold. LIMRI, even as it begins, is one of the most sophisticated living marine resource centers in the country, Schubel said.

"This is the first time organized activity has been targeted at New York's fishing and aquaculture industries," he said. "One position will be set aside for rotating appointments, where individuals will be appointed for one or two years, keyed to specific problems facing New York."

Larval fishes are the subject of David Conover's research.



Photo by MSRC Graphics

Address correction requested