

# CURRENTS

UNIVERSITY AT STONY BROOK • SUNY •

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VOLUME 12 NUMBER 2

## Information Superhighway Adds a Lane

**R**esearchers from the Stony Brook, Brookhaven National Laboratory (BNL), Grumman Corporation and Cablevision, Inc. have established a high-speed communications network linking the university and BNL, marking a major step in connecting Long Island to the "information superhighway." The network will revolutionize health care delivery and help researchers exchange complex scientific information quickly and easily.

The network, dubbed FISHNet (Fiber Optic, Island Wide, Super High-Speed Network), is one of the first systems in the nation to incorporate Asynchronous Transfer Mode (ATM) technology that allows voice, video, and image data to be processed via 53-byte cells that move data in "bursts." Users are able to send larger amounts of information at higher speeds and with better image quality than via conventional coaxial cables. Cablevision built the fiber optic backbone for the network and Grumman developed imaging and system integration software. Stony Brook and BNL developed scientific and medical applications for the high-speed network.

"FISHNet was conceived out of the need for institutions like Stony Brook to exchange information on a high-speed bandwidth network," says Richard Reeder, acting vice provost for computing and communications. "This network will enable researchers and physicians at Stony Brook to share their expertise and resources with other scientists across Long Island and the world, and develop applications that otherwise would not be possible."

Three applications of the network — tumor diagnosis and treatment, transvenous coronary angiography, and groundwater modeling — were demonstrated for the first time on February 10. The demonstration involved researchers at Stony Brook and Brookhaven, located 20 miles apart, exchanging voice, video, and data images in less than one ten-thousandth of a second.

Information on patients treated at Brookhaven's radiation therapy facility, which is operated by Stony Brook's Department of Radiation Oncology, was transmitted to doctors at University Medical Center over the network. Modern diagnostic imaging techniques such as Single Photon Emission Computed Tomography (SPECT) and Positron Emission Tomography (PET) performed at BNL are used for tumor diagnosis, precise tumor localization and treatment planning.

"Because information can be transmitted in real time, it was the first time the network was used for remote patient simulation," says Dr. Lucian Wielopolski, who initiated this project two years ago, joined by Dr. Allan Meek, chair of the Department of Radiation Oncology.

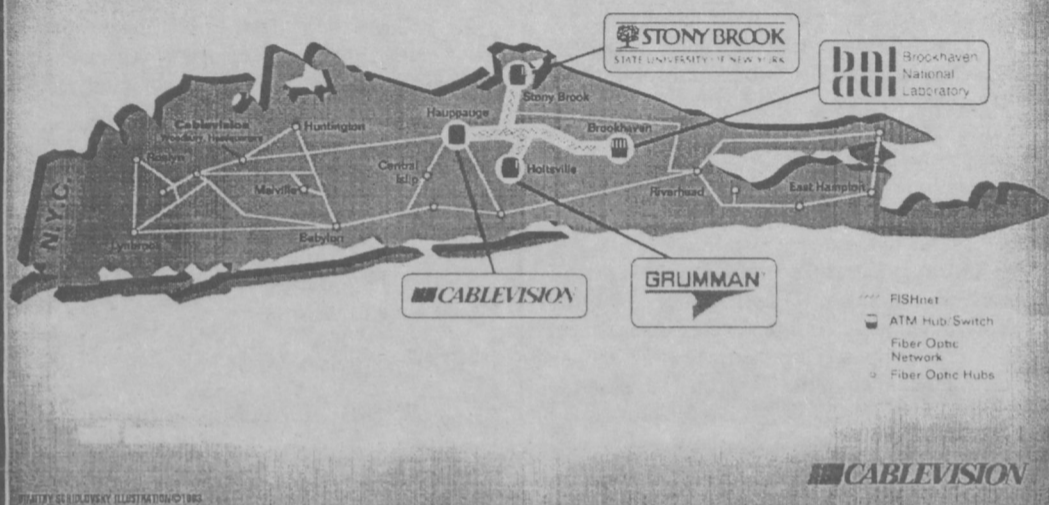
The new digital angiography system to detect coronary artery blockages was demonstrated by Dr. John Dervan, professor of cardiology at the University Medical Center. Rather than inserting catheters directly into the heart and its arteries, the new imaging technology involves the injection of a contrast dye into a major vein that leads to the heart.

"This procedure, which is possible only by using the high-speed network, is much safer because it is less invasive," says Dr. Dervan, and yields the same information.

A groundwater prediction model, which helps scientists track the movement of pollutants in potable water supplies, was transmitted over the network to Brookhaven from a Paragon supercomputer at Stony Brook. The model was developed by researchers at six institutions, including professors James Glimm and Brent Lindquist of the Department of Applied Mathematics and Statistics.

As more hospitals, companies and research laboratories become familiar with the network, linkups to FISHNet will be added. Eventually, FISHNet will provide a medical and educational information system for the New York metropolitan area.

### Bringing the Power of Cablevision's Fiber Optic Superhighway to Science: FISHNet links medical and research communities at Brookhaven National Laboratory, Grumman and SUNY-Stony Brook.



## Breast Cancer Activist Joins Medical Center Staff

Lorraine Pace, whose grassroots organizing made breast cancer on Long Island a major public issue, joined the staff of University Medical Center on February 28. She will serve as breast cancer education specialist in the Department of Surgery.

Speaking of Ms. Pace's appointment, Naji N. Abumrad, professor and chair of the Department of Surgery, says, "As a major medical center, we consider it our mission to care for patients, to educate and carry out research. Adding Lorraine Pace to our staff will help us realize that mission."

Jordan J. Cohen, outgoing dean of the School of Medicine, adds, "Lorraine Pace has brought breast cancer on Long Island into the consciousness of both the general public and all the professionals that deal with it on every level — in health care, in media and in government. Her activism cannot be overlooked as a key factor in bringing outreach and research money to Long Island."

The first 50 years of Ms. Pace's life were filled with family, a career in real estate, a return to college for her bachelor's and master's degrees. The mother of three, she taught religion, was a Cub Scout den mother and Brownie leader. But nothing prepared her for the discovery that the lump she'd been feeling in her left breast was malignant, and it had spread to her lymph nodes.

That is when Lorraine Pace became an activist. When she was diagnosed with cancer, 20 people she knew — all of whom lived in her West Islip neighborhood south of Montauk Highway — also had breast cancer. That realization spurred her public crusade to

call attention to breast cancer on Long Island.

She formed the West Islip Breast Cancer Coalition for Long Island, Inc. in 1992, and began to survey the women in her neighborhood, with the help of Dr. Michael Feinstein of Plainview. After 18 months, she and other volunteers had mapped the incidence of cancer, covering 8,750 homes in her area.

"The survey showed clusters of breast cancer throughout the mapping area, with definite patterns of concentration in certain areas," Ms. Pace says. This data will be analyzed by Roger Grimson, epidemiologist at University Medical Center.

Ms. Pace's work has taken her to the White House, to Albany, and across New York. She's been featured in *Newsday*, *U.S. News and World Report*, *USA Today*, *The New York Times*, and on television with Connie Chung, Dan Rather, Maury Povich and others.

"I'm extremely proud of all I've been able to accomplish so far," says Ms. Pace, "and I'm really looking forward to this new challenge at the Medical Center and to the prospect of a national environmental movement to get to the cause of breast cancer."



HSC Medical Photography  
Lorraine Pace

**4** USA Today Names Stony Brook Student to Honorary Academic Team.

**5** Dry Bones Tell Tales to Forensic Paleontologist.

**8** "Paper Works" Exhibit Opens at University Art Gallery March 9.

# PEOPLE

**Mark Aronoff** (Linguistics) has been named editor of the *Journal of the Linguistics Society of America* for a seven-year term. Since its founding in 1925, there have been only four editors of the quarterly scholarly publication... **Carol Blum** (French and Italian) has been awarded an NEH Senior Fellowship to research "the literature of depopulation delusion in 18th Century France... Graduate student violinist **Lydia Forbes** (Music) has been honored with a Frank Huntington Beebe Fund grant to pursue advanced study and performance abroad... A paper by **Connie Koppelman** (Women's Studies), "The Politics of Hair," inspired an art exhibition, "Hair: the Long and the short of It," coming to Mills Pond House in St. James, March 13-April 17... **Joan Mertz** (Physical Education and Athletics) has been awarded the 1993-94 Edna K. Owens Award for dedication and service to the university. She was honored with the President's Award for Excellence in Classified Service in 1993... **Howardena Pindell** (Art) was featured in the "Conversation with Artists and Poets" series at The Museums at Stony Brook in February... **Jane Sugarman** (Music) was awarded the 1993 Wollstonecraft Prize by the UCLA Center for the Study of Women for her dissertation, "Engendering Song: Singing and Social Order at Prespa Albanian Weddings"... **Patricia Wright** (Anthropology), director of the Institute for the Conservation of Tropical Environments, signed an agreement in February with USAID to operate and manage Madagascar's Ranomafana National Park from 1994-97 for \$2.7 million. She will be speaking at the American Museum of Natural History this month...

**Alan Tucker** (Applied Mathematics and Statistics) and **Pat Belanoff** (English) were featured speakers at a SUNY-wide "Conference on Assessment in the Areas of English and Mathematics" in Albany this past October... **Gabrielle Carlson** (Psychiatry) and **Daniel O'Leary** (Psychology) have been named to *Good Housekeeping* magazine's list of "The 327 Best Mental Health Experts" in America. The list, published last month, was compiled from recommendations by more than 300 prominent psychiatrists and psychologists... Fourteen physicians at University Medical Center are listed in the highly selective listing, *The Best Doctors in America*, compiled through a national survey of physicians who evaluated others in their specialty. Representing the medical center and the top two percent of physicians nationally are: **Benjamin J. Luft** (AIDS, Lyme disease, and toxoplasmosis); **Sheila Bierman Blume** (general addiction medicine and addiction psychiatry); **Harold Atkins** (radiology and nuclear medicine); **Anita L. Belman** (pediatric HIV infection and AIDS); **Sandra Lee Blethen** (children with growth problems); **Gabrielle L. Carlson** (child and adolescent psychiatry); **Raymond J. Dattwyler** (Lyme disease); **Suzanne D. Fields** (geriatric medicine); **Richard N. Fine** (pediatric nephrology, dialysis, and transplantation); **Allen Phillip Kaplan** (allergy and immunology); **Michael S. Niederman** (pulmonary and critical care medicine); **Frederick Todd Sherman** (geriatric medicine); and **Patrick A. Sibony** (neuro-ophthalmology).

## APPOINTMENTS

**Deborah Firestone**, to chair of the Department of Medical Technology in the School of Health Technology and Management.

**Terri Kivelowitz**, former executive director of the Suffolk Region of the American Heart Association, to associate dean for development and alumni affairs at the University Medical Center. An alumna of Stony Brook, she earned her bachelor's degree from the School of Allied Health Professions and her master's from the Harriman School for Management and Policy.

**Beverly Rivera**, former assistant to the chair in the Department of Psychology, to assistant registrar for scheduling.

**Traci Thompson**, former scheduling and events manager at the Indoor Sports Complex, to assistant director for student activities.

**Joan M. Waldron**, director of general practice and residency, Department of Dental Medicine, to acting chief of the Department of Dentistry, replacing Martin Stern who retired in December.

**Sue Walsh**, acting director of Auxiliary Services, to director of Auxiliary Services.

# News Briefs

## Chancellor Johnstone Resigns

SUNY Chancellor D. Bruce Johnstone has resigned his office, effective March 1, due to illness. He served as SUNY's chancellor since 1988, presiding during a period that saw some of the deepest budget cuts in SUNY's history, dominated by the state's fiscal crisis and the downsizing of many of New York's major state-operated agencies. Despite extraordinary financial pressures, he kept the university committed to the twin goals of excellence and access.

The Board of Trustees is expected to name an acting chancellor and begin the search for a permanent replacement immediately.

## South African Investments OK

The SUNY Board of Trustees has lifted its ban of nearly 15 years against investing in companies that do business in South Africa. The action "recognizes the very significant positive developments in governance of that country," noted Alan Iselin, chair of the Trustees Investment Committee. The Stony Brook Foundation had previously taken a similar step.

## Radiothon '94

WUSB 90.1 FM, the radio voice of Stony Brook, will present its sixth Radiothon Saturday, March 19-Saturday, April 2. This is the annual fund-raising pledge drive for the nonprofit radio station that broadcasts from campus to a wide audience across Long Island and Connecticut.

Mixing regular programming with special events and blending entertainment and information - from rock, classical, jazz, hip-hop, folk, punk and world music to news, talk and public affairs shows - the station will offer premiums at a variety of pledge support levels during the Radiothon. The premiums, which include gift certificates, tickets, books, compact discs and more, have been donated by businesses across Long Island.

Funds raised during Radiothon will be earmarked for the station's continuing signal upgrade project.

Pledges for Radiothon '94 can be made by check or money order, payable to WUSB/SBF, and mailed to the station at the Stony Brook Union, University at Stony Brook, Stony Brook, N.Y. 11794-3263. To volunteer to participate in Radiothon or for information about the station and a program guide, call WUSB's Listener Line, 632-6498.

## Call for Proposals

The Undergraduate Project Steering Committee invites faculty, students and staff to submit preliminary proposals for projects to enhance the Stony Brook undergraduate experience. Project support may be requested for one to three years, with initial funding beginning in the 1994-1995 academic year. Although there is no upper limit on requests, projects in the \$2,000 to \$20,000/year range are preferred. One page preliminary proposals are due on or before April 30, 1994.

Each proposal should address the following issues: (1) the ways in which the proposed project will contribute to enhancing the undergraduate experience at Stony Brook, (2) the approximate number of undergraduates impacted by the proposed project, (3) endorsements of the proposed project at the departmental, divisional/college level, (4) how the activity will be funded after the commitment from the Undergraduate Project ends, and (5) assessment.

Forms may be obtained from Christine Campbell, Undergraduate Project, Marine Sciences Research Center, Endeavour 145, 632-9437.

## Job Fair Set for March 23

Several dozen companies are expected at the University Job Fair on Wednesday, March 23, noon to 4 p.m. in the Indoor Sports Complex. It's an event that will give graduating students and alumni a chance to network with businesses, government agencies and nonprofit organizations.

The fair, sponsored by the Career Development Office, is free; employers will be offered course bulletins in order to check out the requirements of each academic major.

For more information, contact James W. Keene, director of the Career Development Office, at 632-6810.

## TQM Talk by Human Resources Expert

Donald Fronzaglia, director of human resources at Symbol Technologies of Bohemia, will discuss Total Quality Management (TQM) on Wednesday, March 9, 7:30 to 9 p.m. in the Stony Brook Union Auditorium.

Mr. Fronzaglia's lecture is part of a year-long lineup of experts in the field of management and labor presented by the Center for Human Resources Management at the Harriman School for Management and Policy. The talk is free and open to all. For information, call Anna Soukas at 632-7770.

## 'Thursdays at Noon'

"Thursdays at Noon," a weekly interdisciplinary series in the Humanities, presents Patricia Belanoff, associate professor of English and director of the Writing Programs, who will discuss "Ideology and Practice: The Stony Brook Writing Program" on Thursday, March 10, at noon in the Poetry Center.

Luigi Fontanella, associate professor of French and Italian, will present "Italian Surrealism, Literature and Art" on March 17. Dr. Fontanella is editor of *Gradiva*. On March 24, Malcolm Read, chair of the Department of Hispanic Languages, will speak on "Critique and Cultural Discourse: On Location."

Following a spring recess on March 31, the series resumes on April 7 with Assistant Professor Antony Hurley's discussion of "Open Inverted Commas, Who and What Are We?" Cultural Identity and Writing in the French Caribbean."

"Interpretation of Milton's Dream/Sonnet" is the topic Professor Joseph Pequigney will explore on April 14. English Department Chair Tom Maresca will speak about *Pale Fire* on April 21.

For further information, call 632-7400 or 632-7373.

All lectures take place at noon in the Poetry Center, room 239 of the Humanities Building.

## Technology for the Elderly and Disabled

Working with administrators at the Gurwin Jewish Geriatric Center in Commack, Harriman graduate students Susan Kratina, Lucy Park and Stevan Peters are helping organize a consortium that will tap Long Island's high-tech expertise for a much-needed and potentially lucrative technology: restraint-free products for geriatric and disabled individuals.

The students are participants in Harriman's group project, which offers consulting services to businesses, government agencies and nonprofit organizations. Under the direction of Joseph Dyro, head of the university's Beta (Biomedical Engineering Technology Advancement) program, and Joseph Pufahl, of Harriman's Executive Management Center, the students have encouraged local business leaders to participate in a "Technology Advancements for Seniors Consortium," Monday, March 7, 9 a.m. to 1 p.m., at the Gurwin Center.

For more information, call Diedre Cohen at the Gurwin Center, 499-6500, ext. 563.

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the SBNews computer bulletin board; the University Information Channel on SBTV's Channel 6; and Stony Brook Newline, accessible by telephone at 632-NEWS. Our All-in-1 address is CURRENTS.

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## 'Seawolves' Triumph

The university took a big step towards Division I athletics last month with the unveiling of a new nickname and logo for its athletic program. Beginning July 1, 1994, all teams at Stony Brook will be known as the Seawolves.

Richard Laskowski, dean of physical education and athletics, proposed changing the logo when he first arrived on campus last year. "I found that there was little support for the name, 'Patriots,' among our alumni and students, and that there had been an attempt to change the name the previous year," says Dr. Laskowski. He found that almost everyone he encountered thought a change would energize the program and give new life to Stony Brook athletics. In addition, marketing an attractive image can prove profitable to the athletic program.

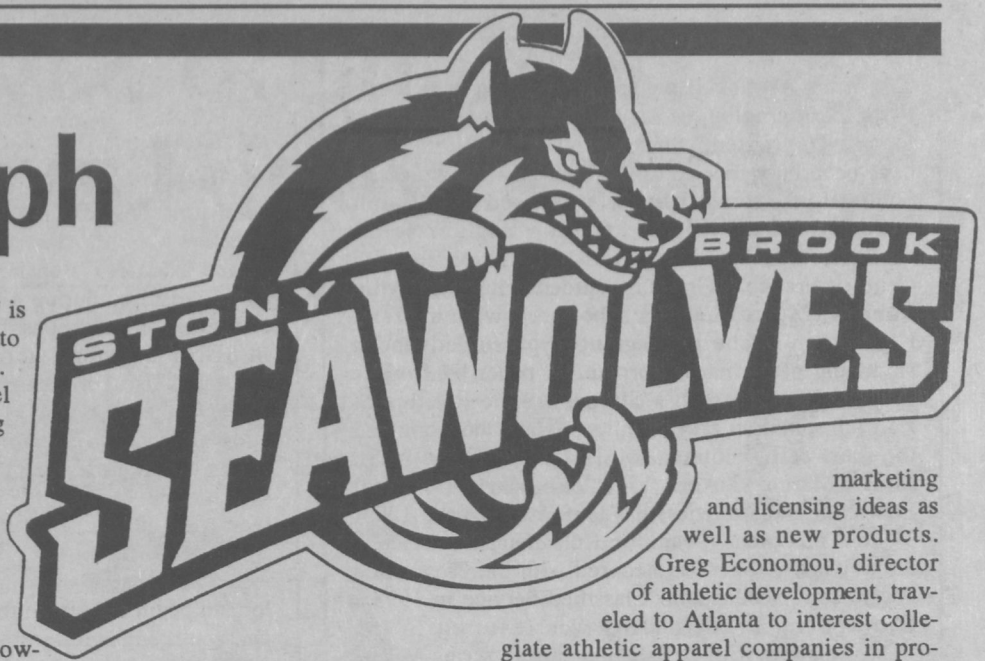
A 32-person committee was formed to achieve a consensus for the new mascot. Comprised of students, faculty, administrators and alumni, the committee sought to select a nickname that embodied originality and inspiration and had national marketing appeal. From a preliminary list of over 300 names, the committee selected Seawolves by an overwhelming margin. From the legends of the Alaskan Tlingit

Indians, the mythical Seawolf is believed to bring good luck to those fortunate enough to see it.

Created by Sean Michael Edwards - the sports marketing firm whose credits include logos for the Florida Panthers, Seattle Mariners and Detroit Tigers - the new emblem is a strong image that will emblazon team uniforms starting next fall.

According to Dean Laskowski, the new logo "shows that we're making progress" toward Division I, and "people are becoming more aware of Stony Brook."

Nowhere was progress more evident than at the largest annual sports marketing and merchandising convention in the nation, the Super Show in Atlanta. National athletic apparel companies, including Starter, Nike and New Era Caps, convened for a weekend show that displayed new



marketing and licensing ideas as well as new products.

Greg Economou, director of athletic development, traveled to Atlanta to interest colle-

giate athletic apparel companies in producing items bearing the new logo. The logo met with "resounding approval," says Mr. Economou. "Our trip was a tremendous success. Representatives from athletic apparel companies almost unanimously agreed that the Seawolf is one of the most progressive and attractive college logos they had seen," he adds.

Licensing contracts are under negotiation, and items with the new emblem should be available soon.

## University Police to Carry Arms Under Limited Circumstances

Public safety officers on campus began to carry firearms beginning with the day shift on Tuesday, March 1, but only in limited circumstances.

The campus announced last May that it would allow public safety officers to be armed in certain situations. In doing so, it joined the ranks of public universities in at least 35 states which have opted to equip their public safety officers with guns.

Officers will carry arms when:

- responding to calls involving the use or possession of a deadly weapon;
- responding to all in-progress felony calls such as homicides, armed robberies, burglaries, rapes and assaults;
- stopping motorists to enforce vehicle and traffic laws;
- serving arrest or search warrants;
- escorting cash transports;
- monitoring metal detector screening;
- transporting prisoners;
- on orders of the director of public safety in those limited circumstances in which there is a threat to life or safety.

They will not carry arms while on foot patrol, at major events where crowd control is the primary function and at University Hospital or Long Island State Veterans Home.

The department is housing its two dozen newly purchased .38 caliber revolvers in a high security area within

the Department of Public Safety's headquarters. The guns will be issued and their distribution monitored by trained armament officers. Special locked boxes have been installed in patrol cars to secure the weapons when not required.

In order to carry arms, university public safety officers must first qualify as sworn peace officers, a process that involves attending the state police academy and completing an in-service training course. In addition, the officers must get a Suffolk County Police Department pistol permit, which includes fingerprinting and a character check. They also must successfully complete a 40-hour Suffolk County Police Firearms Unit training course that includes instruction on safety and care of firearms and the firing of 1,300 rounds of ammunition on the police range. And they must obtain a perfect score in a test of knowledge of Article 35, a statute of the New York State Penal Law that deals with the use of deadly physical force.

"The department at this point feels very comfortable with the progress to date. We have not rushed the issue and have taken every possible precaution and safety measure needed for a smooth implementation of the arming process," says Public Safety Director Richard Young.

The decision to have limited arming was made by President John H. Marburger last spring after reviewing recommendations from a campus-wide University Safety Council that studied the matter for 18 months.

## A Formula for Success

What makes one student succeed and another fail?

A group of Stony Brook professors and students hopes to find the answer to that question through a 10-month research project on the freshman experience.

"Experts say that the quality of a student's first year shapes one's academic success and 'fit' into campus life," says Dr. Fred Preston, vice president for Student Affairs, who appointed the 14-member Select Task Force on the First Year Experience. "In fact, some argue that this window of opportunity is limited to the first semester. What we want to do is define the optimum first-year experience for undergraduates here in a scholarly effort that could serve as a model for other research institutions."

The Task Force is an outgrowth of the Undergraduate Project Steering Committee headed by Dr. Jerry Schubel, which has been the catalyst for proposals to improve the undergraduate experience.

The research team, whose members include professors, deans, and administrators as well as three undergraduate students, are researching the subject and evaluating statistical data. They will also conduct focus group meetings with a cross section of undergraduates.

"We want to define what the common set of experiences should be in the first year in terms of such things as involvement in campus life, user-friendliness of the campus, learning arenas, struggle and stress, even the range and character of relationships," explains Dr. Paul Chase, dean of students and task force co-chair. "Our aim will be to provide a freshman experience that will help students succeed in the rest of their academic careers."

## Banner Year for SEFA/United Way

The 1993 SEFA/United Way Campaign brought in a record \$150,500 in donations, up from last year's total of \$123,000. Donors numbered 1,824. The campaign was chaired by Dr. Jordan Cohen, dean of the School of Medicine, assisted by next year's chair, Harry Snoreck, vice president for campus services. Members of the Steering Committee were Pat Cruso, Maureen Kotlis, Sally Lanigan, Marilyn Lawler, Michael McClain, Ed Moretti, Dr. Paul Poppers, Dianne Rulnick and Kathy Yunger.

The Cornerstone Club (individuals who made gifts of \$500 or more) grew from 65 in 1992 to 76 in 1993. Total Cornerstone Club contributions were \$48,315 compared to last year's \$46,510 - representing about 32 percent of the total donations.

"I wish to express my personal thanks to each of you on behalf of the university and, most especially, on behalf of the countless individuals whom your contributions will ultimately benefit. Stony Brook's long tradition of community service is safe in your hands," commented Dr. Cohen.

### CORNERSTONE CLUB - 1993

Naji Abumrad	Joseph DeCristofaro	Patrick Hearing	Harold Metcalf	Domine Seraphin
Philip Allen	John Donohue	R. Bryce Hood	Clyde Miller	Carl Singler
Sherman Azinn	Ronald Douglas	Lawrence Hurst	Frederick Miller	Eric Smouha
Paul Baer	Peter Ellis	Anne Jones	Patricia Morrison	Douglas Strong
Thomas Biancaniello	Suzanne Fields	Cynthia Kaplan	Egon Neuberger	Ventryce Thomas
Jay Bock	Anne-Marie Fikkin	Susan Larson	William Newell	Ana Torres
Karl Botighoumer	Sally Flaherty	M. Cristina Leske	Iwao Ojima	Ana Viccellio
Ora Boucy	Daniel Forbush	Robert Liebermann	Margaret Parker	Benjamin Watcott
Douglas Brand	Sarah Fuller	Alexandra Logue	Clifford Patlak	Robert Wasnick
David Burner	Pierce Gardner	Gerard Mamecke	John Pratt	Glenn Watts
Sandra Burner	Gael Gilbert	John Marburger	Frederick Preston	Ether Wei
Paul Chase	Maurice Gonder	Hirayosi Matsumoto	Alan Ryder	Barbara Wien
Carole Cohen	Mikhrad Greshin	John McLoughlin	Howard Scarrow	Robert Williams
Jordan Cohen	Carl Hanes	Allen Meek	Neala Schwartzberg	William Wise
Patricia Cruso	Donald Harrington	Lorne Mendell	Rhoda Selvin	Gerrit Wolf

# Working to Save the Ozone Layer

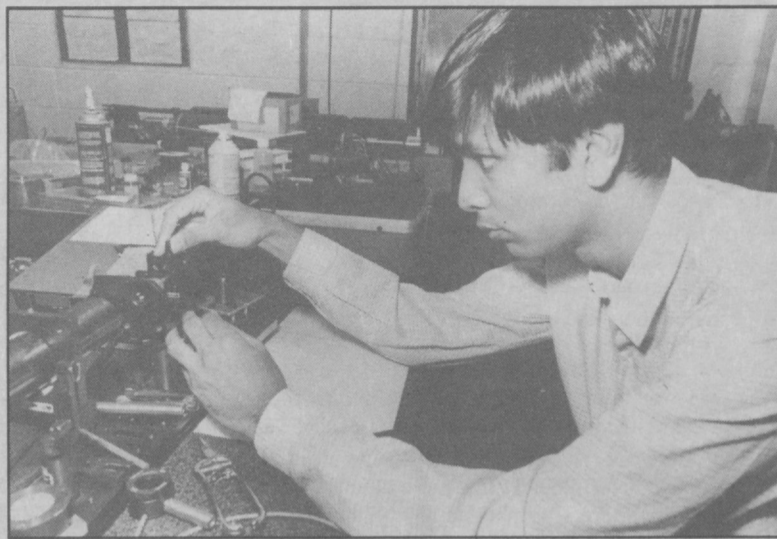
Chlorofluorocarbons, chemicals known to endanger the environment, will be banned by 1996. Although they deplete the ozone layer, chlorofluorocarbons have been commonly used to clean electronic components and printed circuit boards and are found in many car air conditioners, refrigerators and hair sprays.

One group at Stony Brook, the New York Omicron Chapter of Tau Beta Pi, a national engineering honor society, is researching what Long Island companies can use as a substitute once the ban takes effect.

Stony Brook was one of five chapters nationwide to receive grants from the Executive Council of Tau Beta Pi, says Aref Chowdhury, president of the campus chapter. The grant for \$350 will be used to cover some of the costs of the study.

"It is Tau Beta Pi's belief that engineers have a responsibility to protect the environment," says Mr. Chowdhury. The students will work with Hazeltine Corporation, Symbol Technologies, Parker and Hannifan, Dayton T. Brown and Loral Electronics, according to the grant proposal.

The society's projects do not stop there. This semester they are reviving *Stony Brook Engineer*, which publishes articles written by students of the College of Engineering and Applied Sciences. An issue has not been published since 1986, says Velio Marsocci, professor and chair of electrical engineering and advisor to the society. Several hundred copies will be distributed free of charge to industries throughout Long Island and to students on campus.



Aref Chowdhury, president of the engineering honor society on campus.

"It's a good way for industry to recognize work and achievements students are doing," says Mr. Chowdhury.

The New York Omicron Chapter of Tau Beta Pi, established in 1970, recognizes by invitation only, juniors, seniors and alumni in all branches of engineering. The members must have achieved academic excellence and contributed to their field. There are 30 members in the local chapter and 379,613 have been inducted nationwide since 1885.

"Tau Beta Pi is the most prestigious of all the engineering honor societies. It's the Phi Beta Kappa of engineering," says Dr. Marsocci. The objective of the society is to "foster a spirit of liberal culture in the engineering colleges," according to Mr. Chowdhury.

The other three officers for 1993-94 are seniors Eric Erz, vice president; Daniel Chiu, secretary; and Paul DePaoli, treasurer.

By Jamie Martorana, intern

## With the Whole World to Choose From...

Aref Chowdhury came to Stony Brook from Bangladesh in 1990. Mr. Chowdhury, 21, is an electrical engineering and applied mathematics and statistics major, a member of the Honors College and president of Stony Brook's chapter of the national engineering honor society, Tau Beta Pi.

Of all the schools in the world, he chose Stony Brook because "it had a good engineering program and strong faculty and good research facilities," he says. "Engineering is a field where science can be practically applied for the benefit of humanity," he says, and that's what drew him to the field.

Born in Bangladesh, Mr. Chowdhury has lived in Canada (for over eight years), Nigeria (four

years), and Bangladesh (five years), following his father's academic career. Although a long way from his homeland, he says, "I really like it here. It is a pleasant culture to be in."

Mr. Chowdhury is interning at Lilco in Hicksville in the Research and Development Department. He has won a Grumman Corporation Scholarship and is a member of numerous honor societies and campus organizations. He hopes to attend Columbia University for graduate school.

Velio Marsocci, professor and chair of electrical engineering calls him, "one of the really outstanding doers."

— Martorana

## Humanitarian Scholarship Winners

Marie M. Baroulette and Armando Perez received the 1994 Martin Luther King, Jr. Humanitarian Scholarships at a ceremony in the Staller Center on January 27.

The scholarships are presented annually to recognize outstanding upper division students who have demonstrated Dr. King's goals, including the appreciation of diversity through academic excellence and community service.

Mr. Perez, a junior majoring in electrical engineering and minoring in music, plans to pursue a

career that applies high technology to humanitarian causes.

A native of Haiti, Ms. Baroulette moved to the United States at age 19. After working 10 years, she enrolled in Stony Brook in 1990. Currently a senior nursing major, Ms. Baroulette has been active in outreach programs that include teaching high school students about health careers and college planning, organizing a walk-a-thon for the March of Dimes, and fund-raising activities for area families and Haitian residents.

## USA Today Honors Stony Brook Student

A senior in Stony Brook's Honors College is among 20 students named to *USA Today's* 1994 All-USA College Academic First Team.

William Stilwagen, majoring in social sciences, was selected from a pool of nearly 1,200 high-achieving undergraduates who were nominated by their schools across the country. He received a trophy and a \$2,500 scholarship at the *USA Today* headquarters in Virginia on February 4.

"I was shocked when I learned that I was nominated," said Mr. Stilwagen. "No one wins such an award on their own. It is a testament to the abilities, the efforts and the concern of the educators at Stony Brook."

A veteran of the Marine Corps in Vietnam, he entered Stony Brook in 1992, nearly 20 years after graduating from high school. Having worked at an assortment of jobs and recovered from combat-induced, post-traumatic stress disorder, he enrolled at Suffolk Community College and transferred to Stony Brook with his associate's degree.

In addition to earning a 3.74 grade point average, Mr. Stilwagen travels around the world to share his message on the horrors of war. He began talking about his Vietnam experience at area high schools and colleges.

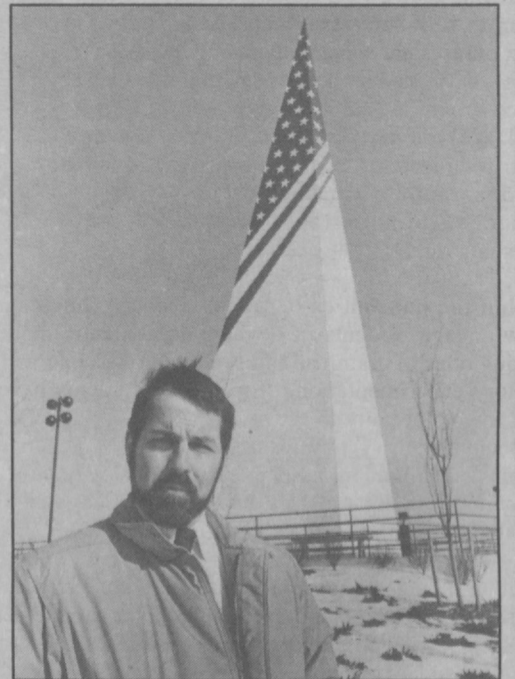
Four years ago, he was approached by Cooperation for Peace, a Stockholm-based organization dedicated to disarmament. Since then, he's lectured in the former Soviet Union, Sweden and across the United States. He has also published a guidebook to help veterans through emotional distress.

Mr. Stilwagen remains a strong voice for Vietnam veterans. He runs the Vietnam Veterans of Suffolk, a volunteer organization dedicated to community service. He served on the Suffolk County Vietnam Veterans Memorial Commission to choose the design and site for a permanent memorial, now located at Bald Hill in Farmingville. He later became executive director of the memorial commission.

After graduation, Mr. Stilwagen hopes to attend Stony Brook's School of Social Welfare.

Every student named to the team is "academically brilliant" and has the "knack of building something from nothing," says *USA Today* education reporter Pat Ordovensky, and those words fit Mr. Stilwagen very well.

— Carole Volkman



William Stilwagen at the Bald Hill Vietnam veteran's memorial that he helped create.

## Dry Bones Tell Tales

**A** hiker stumbles on a pile of leaves, unearthing the shallow grave of what appears to be a human skeleton.

The remnants of a grizzly murder? A prehistoric burial ground?

Stony Brook anthropologist Frederick Grine can tell the difference, which is why he's in demand by the Suffolk County Medical Examiner's Office. The county, which some say has had more than its share of sensational murder cases, has been using the services of Dr. Grine for nearly a decade to unravel mysteries its own experts can't solve.

"Professionally speaking, I have no interest in forensics," says Dr. Grine, who devotes most of his research to human evolution. "But I feel it's my civic duty to do what I can for the Medical Examiner's Office when they call."

And call they do.

Suffolk County's Medical Examiner's Office has used Dr. Grine to identify skeletons more than 25 times in the past nine years, starting back in 1985 when he was able to determine that human bones found in bushes off Southern State Parkway were those of a young Asian woman. As it turned out, she had been murdered and then dumped on Long Island by a Chinese gang from New York City.

"Because there are no fingerprints on a skeleton, the Suffolk County medical examiner had no means of identifying the victim and called our anthropology department for help. I got the call and have been consulting for them ever since," he says.

A paleoanthropologist (human paleontologist) by

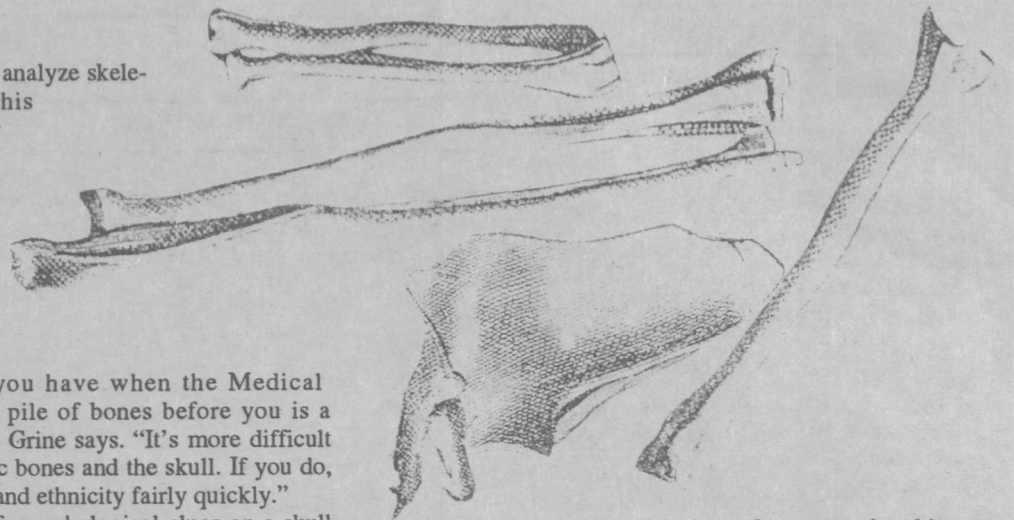
training, he learned how to analyze skeletons while studying for his doctorate at the University of the Witwatersrand in Johannesburg, South Africa. "The professors I worked with were specialists in skeletal biology and shared their knowledge with me."

Figuring out what you have when the Medical Examiner's Office puts a pile of bones before you is a process of elimination, Dr. Grine says. "It's more difficult if you don't have the pelvic bones and the skull. If you do, you can determine the sex and ethnicity fairly quickly."

There are a number of morphological clues on a skull that point to sex and ethnic affinity, and once you have examined these, you then take measurements on the skull and put them into a national computerized profile that will give you a fairly accurate estimate of sex and ethnicity. "It's a means of cross-checking your observations in a statistical manner," he explains.

Trying to determine the who or what is more difficult if all you have is a table full of badly broken bone fragments. "If you get a complete skeleton, you're in fat city," he says. "Otherwise you have to figure out if you have one person, more than one, some animal bones, or a mix."

The right combination can give clues to height, age, even health, he says. The one thing you cannot tell with accuracy is time of death. "There are too many variables -



climate, soil, means of burial, time of year - to be able to provide that. A body can become a skeleton within four days if the conditions are right."

About half the skeletons Dr. Grine is asked to identify are murder victims. "The others are those who died in isolated areas, either hikers lost in the woods or elderly persons wandering off, usually as the result of Alzheimer's."

In one case, Dr. Grine was asked to identify bones dug up by police after a convict jailed for another crime confessed to a murder he said he committed 10 years earlier. "Police found a skeleton, but it wasn't quite where the murderer said it would be. They wanted to make sure they had the right victim."

The Medical Examiner's Office never gives Dr. Grine any clues. "They don't tell me the circumstances under which the bones were acquired until after I've completed my work. They normally have some insight into what they have, though, and my results usually confirm their suspicions."

The toughest cases involve the broken skeletal remains of many individuals mixed together. "A fellow and his son had collected bones washing up on the beach. Eventually, they turned them over to police and the Medical Examiner's Office called me. The bones turned out to be the remains of graves of Native Americans buried near the edge of Long Island Sound. Over the years, water had eroded the shoreline, exposing the skeletons. The bones were badly damaged and commingled, so it was difficult to determine whether we were looking at two, three or four skeletons."

- Vicky Penner Katz

## The Science of Language

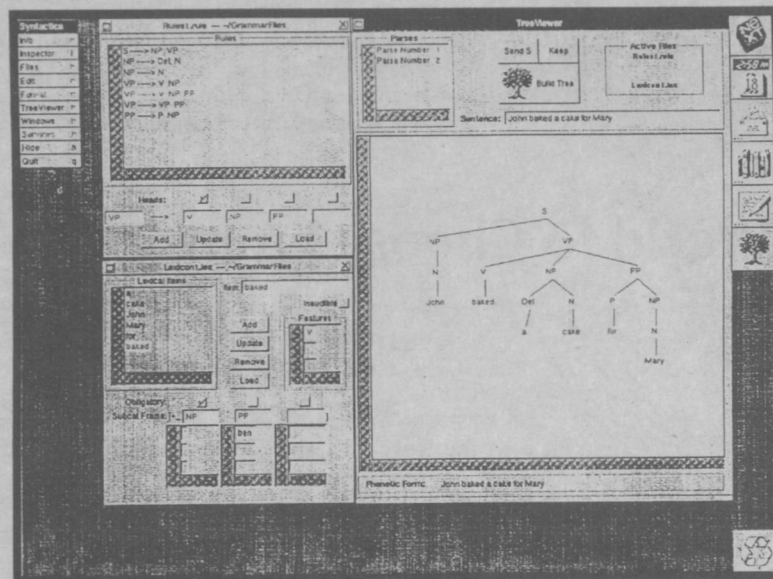
Research by two Stony Brook faculty members may revolutionize linguistics teaching and offer new avenues in science education.

With the support of National Science Foundation grants totaling more than \$320,000, researchers Dr. Richard Larson and Dr. David Warren have developed software and course materials permitting students to explore natural language in a graphical way. In January, they released "Syntactica," an interactive syntax (grammar) program. By mid-1994, "Semantica" will follow. That's a second computer program to help students investigate how complex phrases are constructed using the meanings of words and how they relate to sentence structure. And in late May, Drs. Larson and Warren will present their work at "Project Impact: Enhancing Reform in Undergraduate Education," a National Science Foundation conference in Washington, DC.

Traditionally viewed as a discipline within the humanities or social sciences, linguistics will now engage students in developing semantic models and testing rules of grammar and syntax through interactive laboratory experimentation. "Linguistics students have never had the opportunity to prove theories or test models as students in chemistry, physics or biology do in the laboratory," explains Dr. Larson, associate professor of linguistics and principal investigator. "By using Syntactica, students will be able to visualize and test linguistic theory."

In Syntactica, grammars consist of a set of context-free structural rules and a lexicon. Once a student establishes these rules on the computer and enters a sample sentence, Syntactica will generate one or more sentence diagrams using the rules and lexicon that were entered. Multiple rule and lexicon windows can be open at one time allowing students to load alternative grammars to test and compare results.

"Linguistics is the ideal laboratory science," says Dr. Warren, professor of computer science, whose doctoral dissertation on computational semantics laid essential ground-



A view of Syntactica and how it diagrams a sentence.

work for the project. "The fundamental data and tools needed for research - the equivalent to the chemicals and beakers in a chemistry lab - can be found within each student's mind. Few consider linguistics to be a science, and this course may attract students who initially did not want to pursue a science education."

Dr. Larson will introduce the new course to undergraduates next fall. He also plans to develop introductory linguistics courses suitable for high school students.

Syntactica (and Semantica) run exclusively under the NeXTSTEP operating system, and both utilize an underlying Prolog engine XSB developed by Dr. Warren in Stony Brook's Department of Computer Science. Syntactica and Semantica will have extensive on-line help and will be distributed at no cost over the Internet.

The project team includes Stony Brook graduate students Juliana L. Silva, Kostis Sagonas and Patricia Gomez and undergraduate linguistics major Andrea Piervincenzi

- Mark Owczarski.

## Breakthrough in Treating Cystic Fibrosis

For the first time, physicians at University Medical Center have used a new, genetically engineered drug proven to arrest pulmonary deterioration caused by cystic fibrosis.

Called Pulmozyme, the drug was approved by the FDA in late December and introduced shortly thereafter by Genentech, the California-based bioengineering firm. While not a cure, it provides hope for cystic fibrosis patients that the progression of the disease can be slowed until a cure is developed, potentially through gene therapy.

About 17,000 Americans have cystic fibrosis, which causes exocrine glands to function abnormally and leads to blockages of mucus in the lungs and intestines. The disease reduces average life expectancy to just over 29 years.

An aerosol inhalant, Pulmozyme helps to thin pulmonary secretions, making it easier for patients to cough up expectorate. That reduces the number of respiratory tract infections contracted by patients and improves the way they feel, says Joan DeCelle-Germana, assistant professor of pediatrics and director of the Cystic Fibrosis Center of Suffolk County. Dr. DeCelle-Germana estimates that 80 percent of the nation's cystic fibrosis patients will use the new drug. For more information, call 444-2730.

# What's Up?

## FILMS

### THE ALTERNATIVE CINEMA

(Tuesdays, 7 p.m. & 9:30 p.m. Stony Brook Union Auditorium. \$2. Call 632-6102.)

**March 8:** *We're Talking Vulva* (Canadian). *Gas, Food Lodging* (American).

**March 15:** *La Vie De Boheme* (French)

**March 22:** *The Mirror* (Russian).

**April 5:** *Delicatessen* (French).

### C.O.C.A. FILMS

(Wednesday: 9 p.m.; Friday/Saturday: 7 p.m., 9:30 p.m. & midnight; Sunday: 7 p.m. & 9:30 p.m. Room 100, Javits Lecture Center. \$3; \$2/Stony Brook ID. Call 632-6472.)

**March 11-13:** *Demolition Man*

**March 18-20:** *Wayne's World II*

**April 8-10:** *The Joy Luck Club*

### KELLER COLLEGE FILM SERIES

(Mondays, 7:30 p.m. Keller International College Lobby. Free. Call 632-6798.)

**March 7:** *Chocolat* (French with subtitles).

**March 21:** *Tchao Pantin* (French with subtitles).

### VILLAGE CINEMA FILM SERIES

(Mondays, 8 p.m., Theatre Three, 412 Main Street, Port Jefferson, NY. \$4; \$3.50/students.)

**March 7:** *The Ballad of Little Joe*

**March 21:** *Household Saints*

## DANCE

**March 12:** Alvin Ailey American Dance Theater. 8 p.m. Main Stage, Staller Center for the Arts. \$22, \$20. SOLD OUT.

## MUSIC

(Staller Center; unless otherwise noted. For tickets, call 632-7230; for information, 632-7330.)

**March 8:**

The Guild Trio: Tuesdays at Five Series, "The Quartet for the End of Time." Lecture Hall 2, HSC. Call 444-2765.

Concert of Music by Women. 8 p.m.

**March 9, 16, 23; April 6:** Noontime Concert Series. Recital Hall.

**March 13:** Baroque Sundays at Three. "All Nature Rejoices - Chamber Music of the Baroque." Recital Hall.

**March 16:** Colorado String Quartet. 8 p.m. Recital Hall. \$20.

**March 18 & 19:** Stony Brook Opera Ensemble. 8 p.m. *A Postcard from Morocco*. Main Stage. \$15 & \$13.

**March 23:** Contemporary Chamber Players. 8 p.m. Recital Hall.

**April 5:** The Guild Trio: Tuesdays at Five Series, "The Quintessential Russian Romantic." Lecture Hall 2, HSC. Call 444-2765.

**April 8:** Stony Brook Symphony Orchestra. 8 p.m.; preconcert lecture, 7 p.m. Main Stage. \$10.

**April 9:** Tchaikovsky Chamber Orchestra. 8 p.m. Recital Hall. \$20.

## THEATRE ARTS

**March 26:** Broadway for Kids!, Pinocchio, produced by American Family Theatre. 2 p.m. Staller Center for the Arts. \$7. Call 632-7230.

Center for Labor/Management Studies Visiting Professor Lecture Series, "Total Quality Management," Donald R. Fronzaglia, Symbol Technologies, Inc. 7:30-9 p.m. Room 214, Harriman Hall. Call 632-7770.

**March 10:**

Thursdays at Noon Series, "Ideology and Practice: The Stony Brook Writing Program," Pat Belanoff, associate professor, English. Poetry Center, Room 239, Humanities. 632-7400.

Organic Chemistry Seminar, "Drug Discovery, A Natural Product Chemist's Contribution," May D. Lee, Lederle Laboratories. 4 p.m. Room 412, Chemistry. Call 632-7880.

Humanities Institute Fellow Lecture, "Theorizing Lesbian Experimental Media: authorship with a little 'a'," Patricia White, Barnard College. 4:30 p.m.; reception follows. Room 4340, Melville Library. Call 632-7765.

The Poetry Center Reading. Paul Beatty, the "Bard of Hip Hop." Reads from *Joker, Joker, Deuce*, his latest collection of poetry. 8 p.m. Room 239, Humanities. Call 632-7373.

**March 14:**

Humanities Institute Lecture, "Catholic Film Theory: A Proposal," John May, Louisiana 0 a.m.-

## SPECIAL EVENTS

**March 7:**

"Annual Italian Poetry Contest for High School Students." Noon-3 p.m. Stony Brook Union Auditorium. Call 632-7444.

University Distinguished Lecture Series, "On Simplifying Schooling, and What Follows," Ted Sizer, Brown University. 8 p.m. Recital Hall, Staller Center. Call 632-7000.

**March 11:** UUP Ninth Annual Dinner Dance. 7 p.m. Port Jefferson Country Club at Harbor Hills. \$15/person; cash bar. Call 632-6570.

**March 13:** "Sunday Seacoasts Breakfast" Series, "Recycling Land." 10 a.m.-noon. \$10/person; \$15/two; \$5/person for MSRC Associates. To register, call 632-8700.

**March 16:** Quilt Panel-making Workshop. 11 a.m.-4 p.m. SB Union Bi-level. Call 632-6339.

**March 19 - April 2:** WUSB 90.1 FM Radiothon '94. To pledge or volunteer, call 632-6498.

**March 23:** Stony Brook Foundation Seminar, "How to Protect Your Assets," Lawrence E. Davidow, Esq., Davidow & Davidow Law Office. 6:30 p.m. Radisson Islandia, Islandia, NY. Free. To register, call 632-8625.

**March 24:** University Distinguished Lecture Series, "The Attack on Choice," Kathryn Kolbert. 8 p.m. Recital Hall, Staller Center for the Arts. Call 632-7000.

**April 7 - 9:** NAMES Project AIDS Memorial Quilt Display. Thursday/Friday: 10 a.m.-10 p.m.; Saturday: 10 a.m.-8 p.m. Indoor Sports Complex. Call 632-6750.

State University at Baton Rouge. 4 p.m. Room 4340, Melville Library. Call 632-7765.

Keller International College Colloquium, "French Influence on European Feminism," Ms. Gurka, Keller International College. 7:30-9:15 p.m. Seminar Lounge (4th floor), Keller International College. Call 632-6798.

**March 16:** Judaic Studies Lecture, "Gender,

Genocide and Genre: Women's Autobiography and Memoirs of the Holocaust," Sara Horowitz, University of Delaware. Noon. The Poetry Center, Room 239, Humanities. Call 632-6565.

**March 17:**

Center for Italian Studies Lecture, "Economy, Family, and Community in North Central Italy," Mark Lazerson, assistant professor, sociology. Noon. Room 110, Javits Lecture Center. Call 632-7444.

Thursdays at Noon Series, "Italian Surrealism, Literature and Art," Luigi Fontanella, associate professor, French & Italian. The Poetry Center, Room 239, Humanities. Call 632-7400.

**March 21:** Inorganic Chemistry Seminar. Susan Beatty. 4 p.m. Room 412, Chemistry. Call 632-7880.

**March 22:** Bioorganic Chemistry Literature Meeting, "Helicase," Jeffrey Till. 7:30 p.m. Room 412, Chemistry. Call 632-7880.

**March 24:**

Thursdays at Noon Series, "Critique and Cultural Discourse: On Location," Malcolm Read, Hispanic languages. The Poetry Center, Room 239, Humanities. Call 632-7400.

Organic Chemistry Seminar. 4 p.m. Room 412, Chemistry. Call 632-7880.

Italian American Lecture Series, "Monte Carmelo: Italian Americans in the Bronx," Anthony La Ruffa, Lehman College. 4:30 p.m. Room S-102, Ward Melville Social & Behavioral Sciences. Call 632-7444.

**March 25:** Humanities Institute History and Narrative Colloquium Series, One Day Symposium, Aijaz Ahmad, New Delhi, and Perry Anderson, UCLA. 10 a.m.-4:30 p.m. Room E-4340, Melville Library. Call 632-7765.

**April 1:** Astronomy Open Night, "New Light on Dark Matter," Kenneth Lanzetta. Telescope viewing follows. 7:30 p.m. Lecture Room 001, Earth & Space Sciences. Call 632-8200.

**April 4:**

Center for Labor/Management Studies, "Organized Labor's Role in Employee Empowerment," Morton Bahr, president of the Communications Workers of American and vice president of AFL-CIO. 7:30-9 p.m. Room 214, Harriman Hall. Call 632-7770.

Keller International College Colloquium, "The Politics of Francophonie in France," Robert Harvey, assistant professor, French & Italian. 7:30-9:15 p.m. Seminar Lounge (4th floor), Keller International College (Roosevelt Quad). Call 632-6798.

**April 6:** Center for Italian Studies Lecture, "Graffiti: Metropolitan Vandalism, Spraycan Art, and High-jacking of the Social Space," Maurizio Viano, Wellesley College. 2 p.m. Room 105, Javits Lecture Center. Call 632-7444.

**April 7:** Thursdays at Noon Series, "'Open Inverted Commas, Who and What Are We?' Cultural Identity and Writing in the French Caribbean," A. Hurley, assistant professor, French & Italian. Poetry Center, 239 Humanities. Call 632-7400.

## WOMEN'S HISTORY MONTH HIGHLIGHTS

**March 9:**

Department of History, "Aspects of the History of Reproductive Technologies, Ruth Cowan, professor, history. 12:30 p.m. Room N-303, Ward Melville Social & Behavioral



## LECTURES & SEMINARS

**March 8:** Center for Italian Studies Lecture, "Dante's Poetry and Hermeneutics," Giuseppe Mazzotta, Yale University. 2 p.m. Room N-4065, Melville Library. Call 632-7444.

**March 8:** Bioorganic Chemistry Literature Meeting, "Prions," Ed Galligan. 7:30 p.m. Room 412, Chemistry. Call 632-7880.

**March 9:**

Italian American Lecture Series, "From Steerage to Suburbia: Long Island's Italian Americans," Salvatore La Gumina, Nassau Community College. 4:30 p.m. Room N-4006, Melville Library. Call 632-7444.

# THE MONTH AT A GLANCE

EDITED BY JOYCE MASTERSON (632-6084) • FOR DAILY UPDATES, CALL THE SBNEWSLINE (632-NEWS)

Sciences. Call 632-7500.

Art Lecture, "The Artist and Flaneur: Rilke and Given John in Parts," Janet Wolff, sociologist. 12:30-2 p.m. Room 3220, Staller Center for the Arts. Call 632-7250.

Campus Women's Safety Fair. 12:40-2:10 p.m. Fireside Lounge, Stony Brook Union.

Interfaith Center Supper/Speaker. "Eve, The Woman Whose Name is Life," Dr. Peter Manchester, associate professor, religious studies. 6 p.m.; \$6/students, \$10/adults; speaker: 6:45 p.m. Free. Roth Cafeteria, 2nd floor. Call 632-6562.

Humanities Institute Short Films: *Rules of the Road; It Wasn't Love; Age Twelve; Love With a Little 'L'; I Never Danced the Way Girls Were Supposed To; Sick; Sex...Fish.* 7 p.m. Room E-4341, Melville Library. Call 632-7765.

**March 10:** Women Artists Panel Discussion, "Opportunities for the Future Careers for Women Artists." 5-7:30 p.m. Room 231, Stony Brook Union. Reception follows in Gallery, 2nd Floor. Call 632-6822.

**March 12:** Women's Soccer Tournament; Women's Volleyball Tournament. 8 a.m.-7 p.m. Indoor Sports Complex.

**March 14:** Discussion, "Women's Friendships: Are they Different from Men's?" Myrtha Cesar and Jennifer Klepper. 7 p.m. Langmuir Fireside Lounge.

**March 15:** Child and Family Studies Panel: "Teen Parenting: A Challenge to Individuals, Families and Communities." 2-3:30 p.m. Javits Room, Melville Library. Call 632-7694.

**March 15 & 22:** Video/Discussion, *Equal Opportunity*. March 15: 8:30 p.m.; March 22: 7:30 p.m. with director Franny Baldwin. Kelly Cafeteria Conference Room.

**March 16:** Women in Leadership: Special Workshop, Ellen Clinesmith, residence hall director, campus residences. 12:40-2:10 p.m. Room 231, Stony Brook Union. Call 632-6750.

**March 18:** Art Talk. Virginia Maksymowicz, artist, will discuss her work in the "Paper Works" exhibit. 1 p.m. University Art Gallery, Staller Center for the Arts.

Taproot Women Read. 2 p.m. Poetry Center, Room 239, Humanities. Call 632-6635.

**March 21:** Panel: "Gender-related Attitudes of Long Island Residents Concerning Equal Opportunity: Discussion of Survey Results." 7 p.m. Langmuir Fireside Lounge. Call 632-9176.

**March 23:** Art Talk: "The History of Paper," Mary Leto, artist. 1 p.m. University Art Gallery, Staller Center for the Arts.

"How to Start and Manage a Small Business," Janet Attard, Long Island author (*The Home Office* and *Small Business Answer Book*). 11:30

1 p.m. Room 111, Harriman. 632-9176.

## EVENTS & ACTIVITIES

**March 8:** Fraternity/Sorority Rushee Workshop. 1-2 p.m. Room 214, Stony Brook Union. Call 632-6828.

**March 10:** AKA Lingerie Jam. 9 p.m.-2 a.m. Stony Brook Union Bi-level.

**March 11:** Club India Spring Party. 8 p.m.-2 a.m. Stony Brook Union Bi-level. Call 632-6828.

**March 12:** Tau Kappa Epsilon Party. 8:30 p.m.-1 a.m. End of the Bridge, Stony Brook Union. Call 632-6828.

**March 15 - 17:** Vintage Clothing Sale. 10 a.m. - 5 p.m. Fireside Lounge, Stony Brook Union. Call 632-6823.

**March 16:** The Mentor Program, "Living/Learning Centers at USB" (Engineering & Science, Human Sexual & Gender Development, International Studies/Language Hall, and Wellness Centers). 1-2 p.m. Room 223, Stony Brook Union. Call 632-7080.

**March 16:** Fraternity/Sorority Rushee Workshop. 1-2 p.m. Room 214, Stony Brook Union. Call 632-6828.

**March 17 - 18:** Submit entries. Faculty/Staff Juried Photography Exhibition. Noon-4 p.m. Alliance Room, Melville Library. 632-6136.

**March 17:** Israeli Folk Dancing. Led by a skilled Israeli dance instructor. 7-8 p.m. Roth Quad Cafeteria, 1st Floor. Call 632-6565.

Tokyo Joe's. 8 p.m.-1 a.m. Stony Brook Union Ballroom.

**March 18:** Sigma Gamma Rho Jam. 9 p.m.-2 a.m. SB Union Auditorium. Call 632-6828.

**March 21 - 24:** Faculty/Staff Juried Photography Exhibit. Monday, Tuesday, Thursday: noon-4 p.m.; Wednesday, noon-5 p.m.; reception: March 23, 3:30-5 p.m. Alliance Room, Melville Library. 632-6136.

**March 23:** Crafts Center Pottery Co-op Sale. 10 a.m.-3 p.m. Lobby, SB Union. Call 632-6822. University Job Fair. Noon-4 p.m. Indoor Sports Complex. Call 632-6810.

**March 23 & 24:** Plant Sale. 10 a.m.-4 p.m. Lobby, Stony Brook Union. Call 632-6823.

**March 24:** Chinese Association at Stony Brook Party. 6 p.m.-1 a.m. Stony Brook Union Ballroom. Call 632-6828.

**March 25:** Last day for undergraduates to withdraw from a course or change courses to or from Pass/No Credit; last day for CED/GSP students to withdraw from one or all courses.

**April 6:** Annual Campus NOW Meeting with President Marburger. Noon. Room S-218, Ward Melville Social & Behavioral Sciences. Call Ruth Cowan at 632-7498.

## CONTINUING EDUCATION

(To register, call 632-7067.)

**April 8:** Introduction to Excel Using Windows. Fridays, 2-5 p.m. (through May 6). \$195.

**April 9:** Module I: Advanced WordPerfect for Windows - Merge/sort/select. 9-noon. \$105. Module I: Advanced Excel: Graphics and Advanced Functions. 1-4 p.m. \$10.

## HUMAN RESOURCES WELLNESS PROGRAM

(Room 214, Stony Brook Union. To register, call 632-6136.)

**March 4:** Fitness for Everyone. Noon-1:30 p.m.

**March 11:** Stress and the Mind-Body Connection." Noon-1:30 p.m.

**March 18:** Alzheimer's Disease: Practical Help for Caregivers. Noon-1:30 p.m.

**April 9:** Vegetarian Lifestyle, Joanne Tiranno, certified chef. Noon-1:30 p.m.

## GROUP SHOP

(Free. To register, call 632-6715.)

**March 7:** Adult Children of Alcoholics. Noon-1:15 p.m.

**March 10:** Can You Ever Have Too Much Sex? Noon-1:30 p.m.

**March 16:** Stress Management: Relaxing the Mind and Body. 1-2 p.m. Resume Writing: You Can't Afford to be Modest." 3:30-5 p.m.

**March 17:** Dealing With the Cards You've Been Dealt. 7-9 p.m. Attend this "Card Party" in the identity of the person created by the cards you draw.

**March 21:** A Seminar for Women Approaching and Experiencing Menopause. 12:15-1:15 p.m.

**March 24:** Facing the Diagnosis of Cancer. 3-4:30 p.m. (also March 31).

**April 4:** Understanding and Managing Anxiety. Noon-1:15 p.m.

**April 5:** Interviewing Skills. Noon-2 p.m. Advanced Workshop in Expressive Arts. Tuesdays, 7:30-9 p.m. (through May 10).

**April 6:** Assertiveness Training. 1-2 p.m. Study Skills. 3-4 p.m. Discovering Self: Expressive Arts. Wednesdays, 7:30-9 p.m. (through May 11).

**April 7:** Finding the Right Position: Tips for Your Job Search. 3:30-5 p.m. Nutritional Needs for Women in the 90's. Thursdays (through April 28), 5:15-6:30 p.m.

## UNION CRAFTS CENTER

(To register, call 632-6822 or 632-6828.)

**Every Friday:** Non-instructional Figure Drawing Workshop. Practice from a live model. 7:30 - 9:30 p.m. Union Crafts Center, Stony Brook Union. \$5; pay at door.

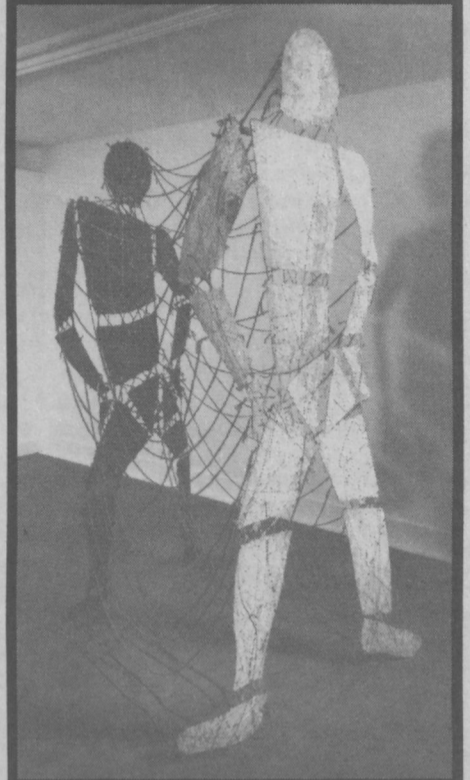
**March 7:** Wine Appreciation. 7-9 p.m.; five Mondays. Materials fee \$15. Crafts Center, SB Union. \$55/students; \$65/non-students.

**March 8:** Majolica Workshop. 7-9 p.m. Includes clay. Crafts Center, SB Union. \$20/students; \$25/non-students.

Weaving Project - Overshot. 7-9:30 p.m.; six Wednesdays. Materials fee \$15. Fiber Studio, SB Union. \$65/students; \$75/non-students.

Social Dance Workshop - the Waltz. 7:30-9:30 p.m. Ballroom, SB Union. \$10/students; \$20/non-students.

## Paper Works



"Looming Shadow," by Jane Ingram Allen, at the University Art Gallery. See page 8.

**March 15:** Ch'i Medicine Seminar. 7-10 p.m. Dance Studio, Indoor Sports Complex. \$18/students; \$25/non-students.

**March 19:** Basketry Workshop. 10:30 a.m.-4 p.m. Materials fee \$7. Fiber Studio, SB Union. \$20/students; \$305/non-students.

## ATHLETIC EVENTS

**March 7:** Lacrosse vs. Notre Dame. 3 p.m. Athletic Field.

**March 20:** Lacrosse vs. U.S. Air Force Academy. 1:30 p.m. Athletic Field.

**March 22:** Baseball vs. Queens College. 3:30 p.m. Patriot Field.

**March 23:** Baseball vs. Dowling. 3 p.m. Patriot Field.

**March 24:** Softball vs. Mercy (doubleheader). 3 p.m. Athletic Field.

**April 2:** Lacrosse vs. Dartmouth. 2 p.m. Athletic Field.

**April 6:** Softball vs. Old Westbury. 3:30 p.m. Athletic Field. Men's Tennis vs. Queens. 3:30 p.m. Tennis Courts.

**April 8:** Baseball vs. St. Thomas Aquinas. 3 p.m. Patriot Field.

**April 9:** Baseball vs. Kings Point (doubleheader and Skyline Conference game). Noon. Patriot Field. Lacrosse vs. Hartford. 2 p.m. Athletic Field.

# EVENTS

EDITED BY GILA RHINSTEIN (632-9116)

## Off the Wall

Paper sculptures, paper installations, paper chairs, paper icons: it's not just a surface to paint on anymore.

"Paper Works," an exhibition of 34 works by 11 contemporary artists, will be on display at the University Art Gallery in the Staller Center for the Arts from Wednesday, March 9, through Saturday, April 16. An opening reception honoring the artists is set for Saturday, March 12, 6:30-9 p.m.

Organized by Rhonda Cooper, director of the gallery, and Marcia Wiener, director of the Union Crafts Center and Union Gallery, the exhibition includes large- and small-scale wall hangings, books, three-dimensional sculptures and installations.

Three Long Island artists are included: Peter Koos, Mary Leto and Marcia Widenor. Koos's architectural paper constructions include a new work in his allegorical series that uses fantasy and whimsy to convey the soul of New York City. Leto will show three "books," including "Baker's Dozen," which includes 13 etchings of breads printed on paper made of diverse materials like beet stems, fig leaves and coconut fibers. The whole is housed in a cardboard case painted and shaped to resemble Soho's Vesuvio Bakery Building. Widenor will exhibit three constructions that use handmade flax paper, string and wood to fabricate fragile, contemplative interpretations of household objects.

Lesli Koppelman Ross, daughter of Lee and Connie Koppelman, is exhibiting two handmade paper chairs that evoke universal experiences through symbols and metaphors derived from Jewish and personal sources.

Virginia Maksymowicz will present five works from her "History of Art" series, featuring icons of art history painted onto paper casts of a female torso. Her intent is a humorous, feminist appropriation of familiar images.

Allen Moore will exhibit large, dark, highly textured

wall hangings that include unconventional ingredients such as fast food containers, chicken bones, coffee grinds and other byproducts of modern life, which represent convenience and waste.

Other highlights:

Jane Ingram Allen's "Looming Shadow," a large freestanding pair of figures constructed of handmade paper and string; Phyllis Bilick's books using photographic images; Seena Donneson's large-scale relief sculptures made from handmade and molded, multi-layered colored paper; Coco Gordon's installations that focus on ecological issues; and George Sugarman's large, folded-paper paintings and paper and leather constructions.

The University Art Gallery is free and open to the public Tuesday through Friday, noon to 4 p.m., and Saturday, 5 to 8 p.m. For additional information, call 632-7240.



"Elijah's Chair," a paper construction by Lesli Koppelman Ross, part of "Paper Works," on view at the University Art Gallery from March 9 through April 16.

Courtesy of the artist

## CELEBRATING WOMEN

Women's History Month at the University at Stony Brook will be celebrated with music, art, film, discussions, exhibits, performances and lectures. The theme for 1994 is, "In every generation action frees our dreams."

Highlights include a Distinguished Lecture by Kathryn Kolbert, founder and vice president of the Center for Reproductive Law and Policy, speaking on "The Attack on Choice," Thursday, March 24, at 8 p.m. in the Staller Center for the Arts.

Other speakers include Peter Manchester, associate professor of Comparative Studies, on "Eve, the Woman Whose Name is Life," on Wednesday, March 9, at 7:30 p.m. in the Roth Cafeteria; and Professor Sara Horowitz, director of Judaic Studies and the Honors Program at the University of Delaware, on "Gender, Genocide and Genre: Women's Autobiography and Memoirs of the Holocaust."

A concert of music by women will be performed on Tuesday, March 8, at 8 p.m. in the Staller Center. The Campus Women's Safety Committee will sponsor a safety fair on Wednesday, March 9, in the Fireside Lounge of the Stony Brook Union, 12:40-2:10 p.m. Women members of Taproot will read from their work on Friday, March 18, at 2 p.m. in the Poetry Center, Room 239, Humanities building.

Six short films, including *I Never Danced the Way Girls Were Supposed To*, *It Wasn't Love*, and *Sex...Fish*, will be shown on Wednesday, March 9, at 7 p.m. in the Frank Melville, Jr. Memorial Library, E-4341. The film, *Equal Opportunity*, the story of a man struggling to survive in a woman's world, will be screened Tuesday, March 15, in the Kelly Cafeteria Conference Room at 9 p.m.

Exhibitions for Women's History Month include works by women from the Women In the Arts Foundation, March 7-17, in the Stony Brook Union Gallery; paintings by Patricia Hubbard, March 14-April 8, in the Library Gallery; books by women authors, March 1-31, near the circulation desk of the Frank Melville, Jr. Memorial Library, and "In Every Generation Action Frees Our Dreams," in the display cases of the lower lobby of the Administration building.

"Women Who Work and Love," a panel discussion, is set for Wednesday, March 2, at 7 p.m. in Langmuir Main Lounge. "Opportunities for the Future," a panel of women artists moderated by Helen Harrison, director of the Pollock-Krasner House and Study Center, will be held Thursday, March 10, 5 p.m. in the Stony Brook Union, room to be announced.

For a complete calendar of events, call the Women's Studies Program at 632-9176.

## Postcard from Morocco: Witty Contemporary Opera Coming March 18 and 19

The Stony Brook Opera Ensemble will present a clever, funny and sometimes disturbing contemporary American opera, *Postcard from Morocco*, on Friday, March 18, and Saturday, March 19, at 8 p.m. in the Staller Center for the Arts.

With music by Dominick Argento and text (in English) by John Donahue, the opera tells the story of seven railway passengers forced to disembark from their

train. While they await permission to board again, we overhear their conversations and their thoughts from the past, present and future. One of the passengers carries her dead lover around in a box; another creates a giant ship, which we see grow in his imagination and on stage. The action takes place in a warehouse by a border crossing between two countries.

*Postcard from Morocco* will be con-

ducted by guest artist Arthur Post, assistant conductor to the New Jersey Symphony Orchestra. Tom Neumiller, professor of Theatre Arts, is stage director; and Peggy Morin is costume designer.

The cast includes Stony Brook student members of the Opera Ensemble: Suzanne Galer (coloratura soprano), Christine Goerke (soprano), George Philips (tenor), Sang Hoon Oak (tenor), and Scott

Murphree (baritone), as well as guest artists Heidi Best and Hyangsam Kim. An eight-member graduate student orchestra will accompany the singers.

Tickets are on sale at the Staller Center box office at 632-7230 for \$15 and \$13. Faculty and staff may buy two tickets at \$10 each; students may buy one ticket each, at \$7.50. Senior citizens receive a \$2 discount. For information, call 632-7330.

## On the Lecture Circuit

### • Distinguished Educator

Coming up on Monday, March 7, at 8 p.m. will be a Distinguished Lecture by Ted Sizer, professor of education at Brown University. Dr. Sizer (Ph.D., Harvard University) will discuss "On Simplifying Schooling, and What Follows." He is one of the nation's leading experts in educational reform and author of several books on the subject, most recently, *Horace's School: Redesigning the American High School* (Houghton Mifflin, 1992). Attorney Kathryn Kolbert will deliver the final lec-

ture in this year's series on Thursday, March 24, at 8 p.m. Her talk will deal with "The Attack on Choice," regarding reproductive freedom and women's rights.

### • Starry Nights

On the first Friday of each month, the Astronomy Department offers a public lecture at 7:30 p.m. and a chance to view the night sky through the university's telescopes, weather permitting. On March 4, Professor Philip Solomon will speak on "The Infrared Universe" in Lecture Room

001 of the Earth and Space Sciences building. Skywatching will take place on the roof of ESS after the talk.

On April 1, Professor Kenneth Lanzetta will speak on "New Light on Dark Matter," and on May 6, Professor James Lattimer will discuss "Supernovae and Neutron Stars." For further information, call 632-8200.

### • Italian-American Contexts

"From Steerage to Suburbia: Long Island's Americans," is the topic Salvatore

La Gumina will address on Wednesday, March 9, at 4:30 p.m. in Room N-4006, Frank Melville, Jr. Memorial Library. Dr. La Gumina is on the faculty of Nassau Community College.

Also in the Italian American Lecture Series, Lehman College Professor Anthony La Ruffa will speak on "Monte Carmelo: Italian Americans in the Bronx," on Thursday, March 24, 4:30 p.m. in Room S-102, Ward Melville Social and Behavioral Sciences building. For further information, call 632-7444 or 632-7696.