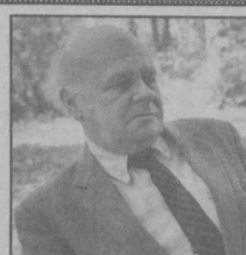


On the way to
NCAA Division I:
USB welcomes
a new dean.
Page 2



Excellence!
1993 President's Awards
and the newest distin-
guished professor are
announced.
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Exhibit
Neon sheds a different
light.
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UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

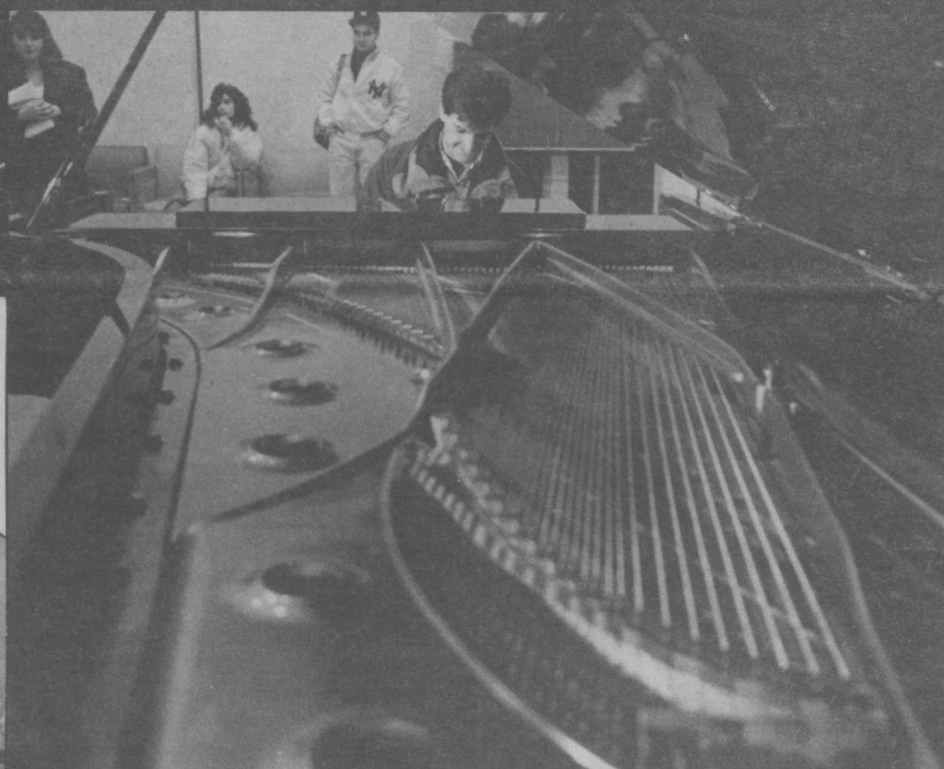
APRIL 1993

VOLUME 11 NUMBER 3

STALLER CENTER BOUNCES BACK

BY BILL OSBORN

*After the flood in February,
supporters of the arts
from all quarters rallied to
keep the Staller Center's
lights on and the
music playing.*



A concert piano, gift of songwriter Billy Joel, arrives at temporary facilities in Studio A at the Educational Communications Center and inspires an impromptu recital.

H

anging on his
office wall,
Terence Netter
displays a copy

of *Flood Flash*, a listing of reschedulings and cancellations of Staller Center performances resulting from the February 21 flood. The somewhat humorous twist of words in the publication's title captures the upbeat attitude and response with which Netter and others — both within and outside the university — have responded to the Staller Center flood.

"I don't call it a disaster or tragedy," says Netter, director of the Staller Center for the Arts. "I simply call it a major setback. Given the magnitude of the setback, the morale has been very upbeat. We've jumped right in to fix it."

The flood partially filled the center with more than a million gallons of mud and water causing an estimated \$3 million in damages. Among the casualties are a rare hand-built organ valued at \$350,000, an electronic Alan organ, three concert grand pianos, and lighting, projection and sound equipment valued at hundreds of thousands of dollars.

Since its founding in 1979, the Staller Center for the Arts has served as an oasis in a cultural desert, offering more than 500 events each year in theatre, music, and dance, and exhibitions in a spacious art gallery.

"It is one of the university's major public faces to students, their families, and to the Long Island community," says Netter.

If in the past, the Staller Center has reached out to the campus and Long Island community with its cultural programming, then it has been the university and local community in recent weeks that in return have extended helping hands — as witnessed in the teamwork of university officials and departments, and in offers from local churches and

schools to house performances, and in equipment donations from such well known Long Islanders as singer-songwriter Billy Joel, who donated a Baldwin grand piano from his collection.

"It has been an extremely emotional time for many people who have put a lot of their life and soul and effort into the Center. Everyone's response has been excellent," says Benjamin Walcott, assistant provost, who has been asked by the president to coordinate the restoration efforts.

"Response to the accident has been unprecedented and rapid from every sector — from the President's Office to Facilities Operations to the students," says Netter.

Within a matter of days, Campus Services had cleared the water and mud from the Recital Hall; power and heat were back on and many classes resumed in the building by the following Thursday.

In recent weeks, attention has turned to assessing the structural damage and equipment loss. The university has received an \$800,000 allocation for emergency relief from the State University of New York for structural repairs and another \$100,000 for equipment replacement. Officials agree, however, that the total cost of the restoration could exceed \$3 million. An early inventory estimates the equipment loss at

\$750,000. Last week, at a cost of \$17,500, the hand-built Bach-Silberman organ was removed to its builder in New Hampshire. It will be six months before the wood is dry enough for the company to begin assessing the damage.

As custodial crews worked around the clock pumping, mopping and shoveling out the mess, Alan Inkles, managing director of the Staller Center, and his staff were busy rescheduling and canceling performances and replacing damaged equipment, particularly the three pianos that were ruined.

One of the immediate concerns was the graduate students in the Department of Music who were preparing for their recitals, a requirement for graduation. More than 100 recitals were scheduled for the hall this semester. According to Inkles, students use the Recital Hall almost 24 hours a day for practice and performances during this time of year.

"The students have the most to lose right now," says Inkles. They know we're working very hard for them. We've set up a counseling center to help the students find solutions and alternative practice sites."

A satellite recital hall is being established in the Educational Communications Center so that students can resume their practice and recital schedules. Steinway, the

Bill Osborn is a freelance writer.

Continued on page 5

1993-95 Undergraduate Bulletin Distribution

THE 1993-95 Undergraduate Bulletin will be distributed on campus starting April 12 to freshmen, sophomores, juniors, and seniors who will be returning next fall.

Resident students should pick up a copy in the college office in their building, preferably in time to use it during Prime Time (April 14-22) and advance registration for fall 1993.

Distribution for commuting students will take place in the New Student Programs office, Room 102 Humanities Building, 9 a.m. to 4 p.m., April 12-23. It will also be distributed from 9 a.m. to 11 a.m. from April 26 through May 21. Each student will be given one copy upon showing his or her ID.

Undergraduate Evening Studies students may pick up their copies on Monday evenings between 5 p.m. and 7 p.m. from April 13 through May 18 in the Office of Undergraduate Studies, Library E-3320.

After May 21 the 1993-95 Undergraduate Bulletin will no longer be available free to continuing students. It will then be sold for \$2.00 in the Barnes and Noble Bookstore, Library Plaza.



Lewis M. Branscomb

Former IBM Chief Scientist To Speak on Clinton Technology Policy

LEWIS M. BRANSCOMB, former chief scientist at IBM and currently director of the Science Technology and Public Policy Program at Harvard University's Center for Science and International Affairs, will speak on "The Clinton-Gore Technology Policy: Where Does University Science Fit In," Thursday, April 22, 4 p.m. at the Alliance Room.

Branscomb's talk is the last in this year's annual Distinguished Lecture Series, sponsored by the Office of the Provost and Newsday. The event is free and open to the public.

Branscomb, who is also the Albert Pratt Public Service Professor at Harvard's John F. Kennedy School of Government, served as IBM vice president and chief scientist from 1969 to 1972. While at IBM he was appointed by President Jimmy Carter to the National Science Board, where he served as chair from 1980 to 1984.

Branscomb had also been appointed to President Lyndon Johnson's Science Advisory Committee, the President's Commission for the Medal of Science and President Ronald Reagan's National Productivity Advisory Committee. Currently, he serves on the Technology Assessment Advisory Committee of Congress' Technology Assessment Board.

An atomic and molecular physicist, Branscomb has also written extensively on information technology, science and technology policy and technology management. He is coauthor of *Beyond Spinoff: Military and Commercial Technologies in a Changing World*, published by the Harvard Business School Press.

Call for Nominations

The President's Awards for Excellence in Equal Opportunity/Affirmative Action were created to recognize individuals who have made outstanding contributions to the advancement of equal opportunity and affirmative action at Stony Brook.

Selected individuals will be honored at an official ceremony. A cash award and certificate of achievement accompany the designation.

Nominations and supporting documentation should be submitted no later than April 26, 1993 to 0251, President's Awards for Excellence, Office of Equal Opportunity/Affirmative Action, 474 Administration Building, Campus.

Internal Training Awards



How did your department participate in the internal training program?

The Awards Program Committee wants to know and acknowledge your achievement. They are seeking applications for this year's awards to recognize those departments who have internal training programs as part of their staff development efforts.

Applications are being distributed to departments and are due no later than April 12.

The awards will be presented as part of the Training Month Kick-Off Celebration on July 1 at noon in the Frank Melville, Jr. Memorial Library.



The Sunwood Beach and

Gardens Group members extend an invitation to enjoy the private beach and twenty-seven acres of garden, wild and tamed, this summer at Sunwood.

The yearly membership fee is \$35 per family (\$10 for graduate students) which covers the cost of opening the property, the salaries of Student Dormitory Patrol members who serve as parking guards, and improving the facilities.

The Office of Conferences and Special Events (632-6320) handles reservations for departmental picnics and barbecues, alfresco meetings and retreats, outdoor weddings and personal celebrations.

To join, call or write Office of the Provost, University at Stony Brook 11794-1401 (632-7000).

LET'S COLLECT 400 PINTS!

Faculty/Staff Blood Drive
Wednesday April 28, 1993
8:30am - 2pm
Indoor Sports Complex

See your Blood Captain or call Cynthia Pedersen at 2-6136 for appointment.



THE PRIDE PATROL WANTS YOU

IT'S TIME AGAIN for all interested parties to come to the aid of their campus. Faculty and staff can trade in their books and computers for rakes and shovels as they tackle a full list of outdoor chores during the sixth annual Campus Clean-Up Day, Friday, April 30.

Volunteers—known as the Pride Patrol—will report to "Clean-Up Headquarters" on Fine Arts Loop and work in two shifts: 9:00 to 11:30 a.m. and noon to 2:30 p.m. This year's cleaning agenda includes repainting the zebra stripes between Melville Library and Old Chemistry, cleaning up Sunwood Gardens in Old Field, and several painting, raking, sweeping, weeding, planting, and trash pick-up projects across campus.

"We expect more than 300 faculty and staff to turn out for Campus Clean-Up Day," says Arlene Skala, who's coordinating the events for the university's Office of Conferences and Special Events. "After these projects are completed, you can really see the difference across campus."

During the day, a refreshment truck serving coffee and cold drinks will travel to each work site, and a ice cream sundae reception will be held once the day's work is done. At the reception, the university will recognize five year veterans of Pride Patrol.

All Campus Clean-Up projects are determined by the Office of Conferences and Special Events based on the recommendation from campus physical plant directors. Refreshments are provided by the Office of the Vice President for Campus Services and the Faculty/Student Association.

The rain date for Campus Clean-Up is Friday, May 7. Those who wish to join the Pride Patrol can call the Office of Conferences and Special Events at 632-6320.

CURRENTS

APRIL 1993

VOLUME 11, NUMBER 3

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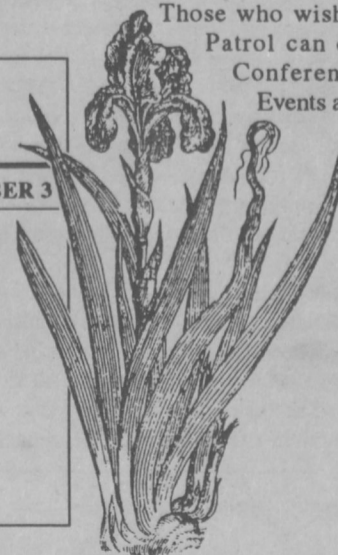
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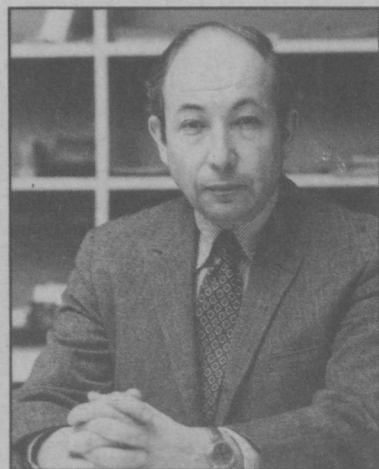
The periodicals unit also publishes *Electric Currents*, a daily gazette distributed via the university's electronic mail system, SBTV (Channel 6), and Stony Brook "Newslines" (632-NEWS). Our All-in-1 address is CURRENTS.

The University at Stony Brook is an affirmative action/equal opportunity educator and employer.



University to Confer Honorary Degree on Harvard Researcher May 23

PRESIDENT JOHN MARBURGER, announced that Howard Green, M.D., the George Higginson Professor of Cellular Biology and Chair of the Department of Cellular and Molecular Physiology at Harvard Medical School, will receive an honorary Doctor of Science degree from the State University of New York at Stony Brook's 33rd commencement ceremony on Sunday, May 23.



Howard Green

Dr. Green is internationally known for his basic research on epidermal (skin) cells. In 1974, while observing cell behavior in teratoma (a form of cancer), Green noted large groups of an unidentified cell growing in the laboratory dishes. He later identified those cells to be a type of

epithelial cells, a major component of the skin's outer layer.

Following this discovery, Dr. Green and his associates spent 10 years developing techniques to cultivate epidermal cells from small skin biopsies. Dr. Green and colleague James Rheinwald discovered that the co-cultivation of epithelial cells with fibroblasts, a type of cell found in the underlayer of skin, was essential to successfully grow skin in the laboratory. His research has made it possible for plastic surgeons to grow sheets of epithelium suitable for skin grafts used to treat severely burned patients.

Dr. Green published his findings in the *New England Journal of Medicine* in 1984, the same year the Burn Unit opened at University Hospital. With the support and guidance of Dr. Green, Stony Brook professors Harry Soroff and Lorne Taichman were able to develop and provide treatments for burn patients who otherwise would not have survived their injury. In 1988, Stony Brook established the Living Skin Bank to provide state-of-the-art care for burn patients.

Before going to Harvard in 1980, Dr. Green had been professor of cell biology at Massachusetts Institute of Technology for 10 years. From 1956 to 1970, he was a member of the faculty at New York University School of Medicine, serving as chair of the Department of Cell Biology the last two years. He has authored hundreds of journal articles on cell biology.

In 1985, Dr. Green was named the Passano Foundation's Senior Laureate, an honor that recognizes American researchers who have made outstanding contributions to the advancement of medical science. In 1980, he received the Lila Gruber Research Award from the American Academy of Dermatology and the Lewis S. Rosenstiel Award in Basic Medical Research in 1978. A member of the American Academy of Arts and Sciences and the National Academy of Sciences, Dr. Green earned an M.D. from the University of Toronto in 1947 and a M.S. degree from Northwestern University in 1950.



Richard Laskowski

Famous Korean Sculptor's Work To Be Installed, Dedicated April 28

A MASSIVE BRONZE SCULPTURE by famed Korean artist Chang-Hee Kim will be installed on the Engineering Quadrangle later this month. Dedication ceremonies for "Korean Village," the \$250,000 work of art donated to the university by the artist, will be held on April 28.

A sculptor with a global reputation, Professor Kim teaches environmental sculpture at sprawling Seoul City University. A visiting scholar in Korean Studies at Stony Brook two years ago, he came away from the experience impressed by the university and especially its Korean Studies program.

"He wanted to do more, to participate and be part of the program," explained Professor Sung-Bae Park, head of

Stony Brook's Korean Studies program. "That was the motivation for this generous gift."

The sculpture, 10 feet high and approximately eight feet wide by 17 feet long, stands as a symbol of community. Contemporary in style, it depicts trees, countryside and people and is designed to be interactive with passersby.

Professor Kim's work has been most recently represented in Korea's National Museum of Contemporary Art, the Museum of Oriental Art in Moscow, the Korea-China Artist Association Exhibition at the Seoul Arts Center, the Korean Consulate General in Osaka, Japan and Gallery Korea in New York City where a selection of his sculpture will be on display from May 4 through May 12.



Artist Chang-Hee Kim's "Korean Village," a massive bronze public sculpture which will be installed on the Engineering Quadrangle this month.

Richard Laskowski Named Dean of Physical Education and Athletics

A CONVERSATION with Dick Laskowski is peppered with words like "challenge," "potential," "opportunity" and of course the latest St. John's basketball score. March madness took the Redmen to the NCAA playoffs and Laskowski accompanied the team to North Carolina. That was probably his last trip as a member of the athletic staff at St. John's University. He comes on board as dean of physical education and athletics at Stony Brook beginning March 31.

Provost Tilden Edelstein made the formal announcement of Laskowski's appointment last week. "Dick brings to Stony Brook his continuing success as associate athletic director of varsity sports at St. John's University," said Edelstein. "Experienced in both intramural and intercollegiate athletics, I am confident that he will provide the leadership in Physical Education and Athletics that will strengthen and enhance our current program as we move to achieve Division I status. It is especially gratifying that he reports directly to me, as the chief academic officer, because athletics is a central part of the life of the university."

Laskowski has been employed by St. John's University for the past 19 years, serving most recently as the associate athletic director of varsity sports since 1985.

His experience and association with a Division I university will prove helpful as dean at Stony Brook.

"I am excited to be moving to this challenging new opportunity," said Laskowski. "The tremendous potential at Stony Brook is what excites me most of all. There is a population in Suffolk County that has never been exposed to local Division I athletics, with the exception of Stony Brook lacrosse and women's soccer. The move to a successful Division I program requires a team effort from the entire university, but the rewards of an increased academic and athletic standing across the country will be worth the effort."

Laskowski attended St. John's University; earning his bachelor's degree in social sciences in 1966, his master's degree in guidance and counseling in 1970, and his doctoral degree in administration and supervision in 1981.

The next few years will certainly provide plenty of challenge for Laskowski. Maybe there's even some March madness in Stony Brook's future.

Update on the Budget

THE FIRST PHASE of Stony Brook's 1993-94 budget process is complete. President Marburger gave the provost and the vice presidents their Phase 1 state allocations in early March, and they are currently developing departmental budgets based on these allocations.

State allocations will be finalized in the late spring after the state budget is passed. Miscellaneous campus revenues that cannot be accurately predicted until near the end of the fiscal year will also be distributed in this second phase of the budget process.

The president's budget decisions are guided by recommendations from the University Priorities Committee and the Cabinet. The Priorities Committee is a broad-based university committee of faculty, staff and students. The President's Cabinet includes the vice presidents, university counsel and the deputy to the president.

The Phase 1 allocations anticipate a one percent state budget cut which would give USB a \$158.8 million state budget in 1993-94. Excluding University Hospital and the Veterans Home, state funds are approximately 44 percent of USB's total budget.

The Phase 1 budget targets funds for three strategic initiatives: the Undergraduate Project (\$650,000), a capital fundraising campaign (\$150,000), and improvements in the financial aid process (\$100,000). An additional \$75,000 is set aside to address specific budget problems that emerged during 1992-93.

The Phase 1 budget also incorporates \$1.3 million of the \$1.7 million university-wide budget deficit that resulted from a 1992-93 decision to postpone absorbing all of the large cut imposed that year. Funding for the remainder of the deficit is deferred to Phase 2.

Vice presidents' budgets will be reduced in 1993-94 as a result of the state budget cut, funding for specific initiatives, and the 1992-93 budget deficit. The provost, vice president for health sciences, and vice president for finance and management have received a 3.4 percent budget cut. President Marburger avoided further budget cuts in several smaller units providing critical university-wide services, including student affairs, university affairs, maintenance and operations, and the president's office.

More detailed information on the Phase 1 budget allocations is available on SBNEWS.

University Physician Talks Politics on WUSB

STEVEN JONAS, M.D., M.P.H., professor of preventive medicine at the School of Medicine, hosts a live political talk show featuring commentary and call-ins on WUSB, 90.1.

The show is aired Mondays from 4:30 to 5:30 p.m. Political talk radio has become increasingly popular in the United States. Along with talk television, it played a major role in the recent Presidential campaign.

"Most political talk radio is hosted by people from the right end of the political spectrum," says Jonas. "Furthermore, it often takes on a somewhat nasty tone, with hosts venting their spleen at liberal political figures and policies, and at times personally attacking and hanging up on callers who happen to disagree with them." Dr. Jonas says he is an "unabashed liberal who will listen to anyone."

Dr. Jonas is the author of *The New Americanism: How the Democratic Party Can Win the Presidency*, published last year by Library Research Associates/Thomas Jefferson Press.

Demythologizing Blacks and Jews: An Interdisciplinary Conference

ATWO-DAY CONFERENCE—"Demythologizing Blacks and Jews: An Interdisciplinary Conference"—sponsored by Judaic Studies and Africana Studies will be held on campus, April 25-26, 1993. The conference will present informed scholarly analyses of the complex history of the relationship between African Americans and Jewish Americans. These analyses will examine historical roots and the evolving shapes of both racism and anti-semitism to account for the present precarious relationship of Blacks and Jews.

The conference to be held in the Stony Brook Union Auditorium, opens Sunday, April 25 at 1:00 p.m. (registration begins at noon) and runs to 4:30 p.m. and continues on Monday, April 26, from 9:30 a.m. to 4:15 p.m. Registration for both days is \$21.00; one day registration (either day) is \$15.00. Lunch on Monday is an additional \$8.50.

Questions or more information: contact Carole Kessner at 632-7457 or the Office of Conferences and Special Events at 632-6320.



Briefs

Michael Falcone, Suffolk County Commissioner of Labor; **Lisa Mars**, vice president of Computer Associates, Islandia; **Carmen Estrada**, manager of human resources at NIKON, Melville; and **Anita DeSantis**, human resource specialist at Dreyfus Services Corp., Uniondale, have joined the community advisory board of the Center for Labor/Management Studies at the Harriman School for Management and Policy.

Former LIRR labor leader **Harold Pryor**, now a lecturer at the School of Continuing Education, will lead a discussion of "Major Workplace Issues for Long Island," Tuesday, April 20, 7:30 p.m. at Harriman Hall, Room 137. Panelists and their topics are: **Jack Kennedy**, secretary-treasurer, Nassau-Suffolk Building Trades Council (Balancing Environmental Concerns with Job Growth and Rebuilding the Infrastructure); **Lisa Mars**, vice president for personnel, Computer Associates (Productivity and Quality of Work Life for the '90s); and **John De Gregorio**, regional director, New York State United Teachers (Educating the Diverse Workforce of the '90s). Sponsored by the Center for Labor/Management Studies. For information call the center at 632-7770.

continued on page 12

'PROFNET' Gives Journalists Electronic Link to Campuses

PUBLIC INFORMATION OFFICERS (PIOs) at 190 colleges, universities, industrial research laboratories and government-sponsored scientific institutions have joined an "electronic cooperative" created by the University at Stony Brook to give journalists a quick and convenient means by which to identify experts among faculty and research staff.

Called "ProfNet," the cooperative is linked by Internet, the world's largest computer network. ProfNet enables any journalist to send an electronic mail (e-mail) query via Internet to PIOs representing well over 150,000 professors, scientists and physicians. PIOs respond by e-mail, fax or phone—whatever route the journalist specifies.

As the creator and "system operator" of ProfNet, Stony Brook's Office of News Services is the first point of contact for journalists seeking experts or researching trend stories. Announced in late January, ProfNet has successfully conducted queries for such media as CNN, *The New York Times*, *Science* and *Business Week*.

"ProfNet puts us at the center of the dialogue between the national media and the nation's campuses," said Dan Forbush, associate vice president for public relations and creative services. "That gives us tremendous leverage for generating visibility for Stony Brook."

ProfNet's membership includes most of the Ivy League and Big Ten, as well as such research powers as Cal Tech, UC-Berkeley, MIT and Stanford. Also among ProfNet's members are the National Academy of Sciences, National Academy of Engineering, the National Association of State Universities and Land Grant Colleges, the Brookings Institution, Argonne National Laboratory and the National Institute of Standards & Technology.

Beating the Odds and Staying Healthy

WHAT CAN INDIVIDUALS DO to reduce personal risk of cancer? A lecture titled "How to Stay Well ... Beating the Odds" is being given by Jules M. Elias, Ph.D., at Stony Brook on Tuesday, April 13. Sponsored as a public service by the University Hospital Auxiliary, the lecture will be held from noon to 1:30 p.m. in Lecture Hall 6, Level 3 of the Health Sciences Center.

Lifestyle changes are having a positive impact on the cardiovascular health of Americans, but annual cancer statistics continue to rise. However, in a Cancer Prevention Awareness Survey conducted by the National Cancer Institute in the mid 1980s, 50 percent of the respondents endorsed the following statements: "It seems like everything causes cancer" and "There is not much that a person can do to prevent cancer." Analogous to cardiovascular disease, there are many environmental and lifestyle factors known or suspected to cause some forms of cancer. Since our environment will never be carcinogen-free, it is useful to understand the process of carcinogenesis and what individuals can do to reduce personal risk—or "beat the odds." Elias will discuss the impact that diet, exercise, radiation, viruses and chemicals have on the well being of the human organism.

Elias is associate professor of histopathology and senior research associate at the School of Medicine. A teacher of histochemistry, immunology and immunopathology, he is program director of Seminars in Immunopathology, which are offered to attending physicians, graduate students and working laboratorians. He is editor-in-chief of *The Journal of Histotechnology*, author of two texts and more than 70 scientific papers.

Following his presentation, Elias will answer questions from the audience. Those attending the lecture are invited to bring a sandwich or lunch if they wish; coffee will be served. For more information, call the University Hospital Auxiliary Office at 516-444-2699.

Memorial Service

A memorial service will be held for Edmund J. McTernan, founding dean of the School of Allied Health Professions on April 20 at 4:00 p.m. in Lecture Hall 2, Level 2 of the Health Sciences Center. Dean McTernan passed away in February. For information, call Rose Walton, chair of Allied Health Resources, 444-3240.

I•CON XII, Three Day SCI-FI Gathering, to be Held April 16-18

I•CON the largest science, science fiction, fact, fantasy and comic gaming exhibition on the East Coast, returns to campus for its twelfth consecutive year April 16-18. The conference begins Friday at 6:00 p.m. in the university's Indoor Sports Complex; doors open Saturday and Sunday at 10:00 a.m.

The three-day event, organized by Stony Brook students, has attracted thousands of science fiction fans to campus in past years. This year's activities include art displays, writer's workshops, 3-D movies, videos, a cabaret, a masquerade, and presentations on Japanimation (Japanese animation), gaming, comics, model rocketry, and star gazing. More than 100 comic, video, computer, and collectible dealers will be on hand throughout the weekend.

This year's guest of honor is Lucius Shepard, author of *Green Eyes*, *The Jaguar Hunter* and *The End of Life as We Know It*. I•Con's 1993 Gallun Award, given annually for outstanding contributions to the field of science fiction and fantasy writing, will be presented to L. Sprague and Catherine de Camp. Other literary guests include Craig Shaw Gardner, Barbara Hambly, Nancy Kress, Chet Williamson, Barry Malzberg, Nancy Springer, Barry Longyear, and Edward Bryant.

Armin Shimerman, who plays Quark the Ferengi bartender on "Star Trek: Deep Space 9," will also attend the conference. Other television actors include Sylvester McCoy and Jon Pertwee of "Doctor Who" fame, and Jerry Doyle, Mira Furlan and Patricia Tallman of "Babylon 5."

Gaming guests include Michael Stackpole, Sandy Peterson, Dave Newton, and Eric Wujick. Comics guests include Julius Schwartz, long time editor of *Superman*, Larry Hama, Jo Duffy, Bob Rozakis, and Walt and Louise Simonson. Guest artists include Bob Eggleton, Tom Kidd, Jill Bauman, and Tim Hildebrandt.

Tickets for the entire weekend are \$25 for adults purchased in advance or \$28 at the door. Student tickets are \$10 and \$12; for children under 12, \$7 and \$10. Advance tickets may be purchased at the Polity Box Office (in the lobby of the Stony Brook Union) or may be reserved by writing to I•Con, P.O. Box 550, Stony Brook, NY 11790; tickets purchased in advance can be picked up at the Indoor Sports Complex ticket window during the convention. For information, call 516-632-6045.

Electrical Engineering Department Awarded \$1.7 Million Software Grant

THE DEPARTMENT OF ELECTRICAL ENGINEERING has been awarded a grant of \$1.7 million in computer software to support research in integrated circuit design.

The grant, from Mentor Graphics Corporation, Oregon, consists of nine software programs that will support the university's proposed Center for Advanced Design of Electronic Circuits and Systems, to be located at the department. Plans for the center include university-industry collaborations and training courses for engineers. "Through the proposed design center, Long Island's high-tech companies, many of which are involved in electronics, will be able to evaluate how these programs can help their companies," says Yacov Shamash, dean of the College of Engineering and Applied Sciences.

continued from page 1

venerable concert grand piano manufacturer, has provided a loaner piano until the university can purchase a new one, and the piano donated by Billy Joel was delivered to the makeshift recital hall two weeks ago.

Local celebrities weren't the only people from the community who responded, however. "We had calls every five minutes from churches and schools offering use of their spaces and auditoriums and from people offering pianos. There were a lot of less known people who called to help out," says Inkles.

He added that about 60 to 70 percent of the ticket holders for upcoming performances have told the center not to refund their money and to use the funds toward the restoration.

"I think that as a result of the flood, the media attention it has received, and the community response, there is much greater appreciation for the center outside the immediate region," says Netter.

That appreciation may reach as far as Albany and the state legislature. On March 3 Governor Mario Cuomo made an unscheduled stop at the center—his first visit there—to survey the flood damage. Local legislators also have been quick to voice their concern, according to Janice Coughlin, director of governmental relations. "Many called us within the next day of the flood, and many have sent staff representatives to tour the damage."

The university will present to the legislature a list of physical repairs to be made and equipment to be replaced. "Everyone has certainly indicated that they're willing to

help us," says Coughlin, who hopes the legislature will allocate special funds to aid the restoration.

Inkles says "We're assuming that the State will fix the physical structure, but we'll have to get private and corporate contributions to cover some of the equipment."

The Stony Brook Foundation and Friends of Staller, a local community advisory board, are planning fundraising drives for the restoration, and equipment vendors are being asked for in-kind contributions.

With thoughts turning toward the complete restoration of the hall, there's no doubt in the minds of Terry Netter or Alan

Inkles that things will be better.

"We'll be able to make improvements to the Recital Hall, such as new acoustics and stage design, that may not have been made otherwise. In the end, we'll have a Recital Hall that looks better and sounds better," says Netter. Among the improvements will be a new acoustic separation, new flooring for the front section of the stage, and more stage space as the result of a new design to house the organ when it returns."

In fact, only a few weeks have passed since the flood and already plans are underway for the center's opening night, scheduled for early July. The event will include a performance of the American premier of "The Office Party" a British comedy performed by the Hull Truck Theater Company.

As the lights go up on the Main Stage once again, it will be a suitable cause for a celebration.

I think that as a result of the flood...there is much greater appreciation for the center.

Terry Netter

"Piano Man" A Super, Super Star In Eyes Of Campus Community



"Piano man" Billy Joel may be a super star to everyone else, but at Stony Brook, he's a super super star.

That's thanks to his recent gift of a nine-foot concert grand piano which the famous musician-singer-songwriter donated to the university to replace one of three destroyed in February when a burst main flooded the Staller Center for the Arts with more than a million gallons of mud and water.

The piano, Model SD10, is from Joel's Amagansett, L.I. home and was custom built to his specifications by the Baldwin Piano & Organ Company. The instrument is distinguished by its historic serial number (No. 300,000) — the 300,000th built by Baldwin — and by its unusual black high luster finish.

"I feel that it is very important to support piano study as well as classical concert performance. It is especially meaningful for me to support this effort here on Long Island," Joel said in making the gift which was delivered to the university on March 10..

President John H. Marburger expressed the broader feeling of the university when he publicly thanked Joel last month, noting that "Stony Brook is extremely grateful to Billy Joel who immediately recognized the seriousness of our loss and made this very generous gift. It will enable our students and the greater Long Island community to continue to enjoy the strong tradition of excellent music performance at Stony Brook."

Until facilities in the Staller Center are restored, the piano is being housed in an alternate recital hall in the Educational Communications Center. Bates Brothers, a Valley Stream-based moving company, donated the truck and crew to move the musical instrument.

STALLER CENTER UPDATE

MOST PERFORMANCES scheduled for the Recital Hall or Main Stage have been relocated. Many have been moved to Studio A in the Educational Communications Center or to off-campus sites. Theatre performances continue to be held at the Staller Center in Theatre 2.

A listing of all concerts and recitals for April with new locations is available at the Staller Center Box Office. Maps and directions to Studio A. are also available.

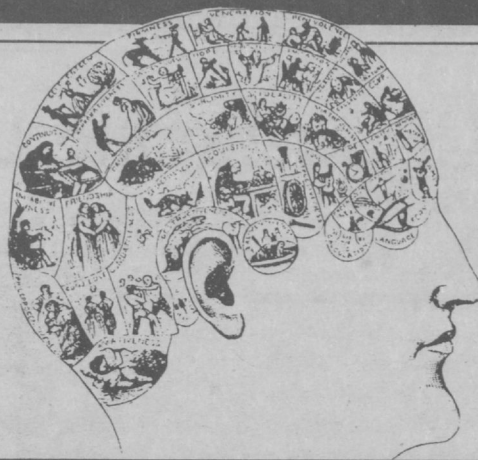
The University Art Gallery exhibition schedule was not interrupted by the flood damage and will maintain its published schedule. Consult the *Currents* calendar or check with the Staller Center and the Music and Theatre Arts departments for the most accurate information.

For scheduling information, call the House Manager's Office at 632-7236.

For program information, call the Music Department at 632-7330.

For tickets, call the Staller Center Box Office at 632-7230.





More Dollars for Stony Brook Scholars

TWO GIFTS from Ademco Security Group of Syosset, NY, a division of Pittway Group of Northbrook, IL, will please some engineering students at Stony Brook.

Leo A. Guthart, chairman and chief executive of Ademco, announced the company will give \$10,000 to the Stony Brook Foundation, to support undergraduate scholarships at the university, and \$5,000 to Stony Brook's College of Engineering and Applied Sciences to be used to promote the industrial internship program.

"Stony Brook has a high quality science and engineering program, and we at Ademco are happy to be able to lend our support," says Guthart.

"These types of gifts enable the College of Engineering and Applied Sciences to promote its student activities, including class tours of industry, student projects, seminar speakers, and special equipment acquisition," says Yacov

Shamash, dean of the College of Engineering and Applied Sciences. "Partnerships between the college and industrial organizations like Ademco are essential if we are to provide quality programs."

The company's contribution to the Stony Brook Foundation's Scholars Program will support an Ademco Scholar with full tuition over a four-year period. The Stony Brook Foundation's recent initiative to provide full, four-year scholarships to high-achieving students has resulted in 16 new scholarships in the past year.

Ademco Security Group, a 63-year-old company headquartered in Syosset, is a major manufacturer and distributor of alarm and security equipment and operates cellular networks for security systems in most major United States cities. With approximately 1,400 employees, Ademco is Long Island's fourth largest employer.

In Honor of a Good Friend: The James H. Simons

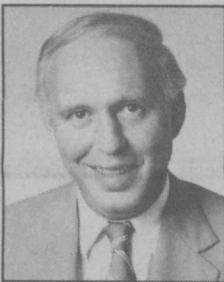
AFELLOWSHIP to honor James H. Simons of Manhattan and Old Field, NY, a former chair of Stony Brook's Department of Mathematics and long-time supporter of the university, has been established with a \$25,000 gift from Robert Nathans of Bellport, NY, a leading professor of physics and director of the Institute for Pattern Recognition at Stony Brook.

The James H. Simons Fellowship will be given annually to support one or more outstanding senior graduate students in the Department of Mathematics. The department's chair, in consultation with other faculty members, will select the recipients each spring.

"Dr. Nathan's gift will strengthen graduate education at Stony Brook," says Irwin Kra, dean of physical sciences and mathematics. "It will allow the Department of

Mathematics to support deserving students, and will, in turn, encourage more students to enter the discipline of mathematics."

One of Stony Brook's first mathematics professors, Simons was a faculty member from 1968 to 1978, serving as the chair of the Department of Mathematics for three years. Since 1988, he has served as the chair of the Board of Directors of the Stony Brook Foundation. Currently, Simons is the chairman and director of Renaissance Technologies, Inc., an investment firm in Manhattan, and director of Franklin Electronic Publishing, Inc. of New Jersey.



James Simons

Logic Analyzer Equipment A Gift From Hewlett-Packard

HEWLETT-PACKARD Company of Palo Alto, CA has given four, HP 1662A portable logic analyzers valued at \$42,000 to the College of Engineering and Applied Sciences. These state-of-the-art, 68-channel logic analyzers will measure the output and response of circuits designed by students, faculty and industrial engineers.

The Hewlett-Packard equipment will permit researchers to identify and solve digital design problems in less time. Coupled with the recent \$1.7 million computer software gift from Mentor Graphics, the analyzer will enable Stony Brook students and researchers to design and implement advanced, large-scale digital systems with greater efficiency in less time. Ken Short, professor of electrical engineering, and Bradley Carlson, assistant professor of electrical engineering, are the principal investigators utilizing the equipment.

"Hewlett-Packard has given us one of

the most powerful research and teaching tools in the electrical engineering and circuit development fields," says Carlson. "Students can analyze their circuit design projects, see whether or not their design works, and get the feedback necessary to improve their design. This will help students become highly skilled and more marketable graduates."

Area electronics engineers will also benefit from the equipment gift. Long Island companies working with faculty from the College of Engineering and Applied Sciences will be able to test and analyze their circuit design projects with an efficient machine at a low cost.

Hewlett-Packard Company, an international manufacturer of measurement and computation products and systems, employs more than 93,000 workers. During the 1992 fiscal year, Hewlett-Packard brought in more than \$16 billion in revenue.

WANTED

Your Ideas

Do you have ideas for improving the undergraduate experience at Stony Brook?

The Steering Committee for the Undergraduate Project wants to hear it.

The committee, chaired by Jerry R. Schubel, dean and director of the Marine Sciences Research Center, has been meeting with faculty, staff and students since early January to pinpoint initiatives to make Stony Brook more hospitable for all undergraduates. The committee is scrutinizing everything—from the classroom experience to the need for more student lounge areas to the challenge of making Stony Brook more "customer-oriented."

Where do you think the university should focus its attention? And what suggestions might you offer?

The Steering Committee wants to involve as wide a spectrum of students, faculty and staff in this process as possible. To become part of the dialog, simply call any of the committee members listed below. We'll tell you more—and we'll listen.

Jerry R. Schubel, Chair
Dean and Director
Marine Sciences Research
Center
632-8701

Helen Cooper
Acting Vice Provost
Graduate School
632-7040

Bernard Dudock
Professor
Biochemistry and Cell
Biology
632-8547

Valrie Gerard
Associate Professor
Marine Environmental
Studies
632-8675

Richard N. Porter
Professor
Department of Chemistry
632-7936

Frederick R. Preston
Vice President
Office of Student Affairs
632-6700

Alan Tucker
Associate Chairman
Department of Applied
Mathematics
632-8365

Jane E. Yahil
Assistant to the President
632-6265

Rose Zimbardo
Distinguished Teaching
Professor
Department of English
632-7294

WE'RE MAKING STONY BROOK STRONGER, JOIN US.



Honors for SB Oceanographer

Donald W. Pritchard, physical oceanographer and professor *emeritus* at the Marine Sciences Research Center was elected in February to the National Academy of Engineering. Election to the Academy is among the highest professional distinctions conferred on engineers, and is an honor only rarely bestowed upon scientists for their contributions to engineering.

Pritchard has been recognized for his contributions to the understanding of estuarine and coastal hydrodynamics. He joined MSRC in 1978 as professor and associate director for research. He served as its acting dean and director from 1986-

1988, and retired in 1988. Before coming to Stony Brook, Pritchard spent 30 years on the faculty of Johns Hopkins University.

MSRC dean and director, J. R. Schubel called Pritchard "one of the world's most distinguished coastal oceanographers. His commitment to using science to serve society continues to have a profound influence in shaping the MSRC."

Pritchard is the second Stony Brook faculty member to be elected to the National Academy of Engineering; the first was John Truxal, Distinguished Teaching Professor *emeritus*. Pritchard is one of only 73 people nationwide elected this year.

LI's Top CEOs Tackle USB's "Engineering 2000" Plan

PRESIDENTS, CEOs and representatives of 15 of Long Island's largest corporations joined with other major business leaders February 24 for the first meeting of Stony Brook's "Engineering 2000" advisory board, established by the College of Engineering and Applied Sciences as it seeks to become a leader in advanced engineering technology.

The meeting, held at Grumman Corporation headquarters in Bethpage, resulted in the unanimous endorsement of a plan for growth and improvement that would promote the college to the ranks of some of the best engineering schools in the country.

"The hallmark of a great engineering program is its relevance to industry," Marburger told the assembled executives. "Today's event marks a major initiative to close the gap between the College of Engineering and Applied Sciences and Long Island industry."

The meeting was chaired by Stony Brook President John H. Marburger, Provost Tilden G. Edelstein and engineering Dean Yacov Shamash. Other university officials attending the event were Vice President for University Affairs Carole G. Cohen as well as chairs and representatives from the six engineering departments. James Glimm, chair of the Department of Applied Mathematics and Statistics, joined Shamash to present the Engineering 2000 plan to the industry group.

According to Shamash, the top priority of the plan is to improve the quality of each of the college's six departments—Applied Mathematics and Statistics, Computer Science, Electrical Engineering, Materials Science and Engineering, Mechanical Engineering, and Technology and Society—to a level of indisputable excellence. To fulfill this mission and meet the needs of today's integrated and



Seated at the head of the table, Stony Brook Provost Tilden G. Edelstein (left), President John H. Marburger, and Engineering Dean Yacov A. Shamash meet with the Engineering 2000 advisory board at Grumman Corporation headquarters.

PHOTO COURTESY GRUMMAN CORPORATION

changing technology, Shamash's agenda includes adopting an interdisciplinary core curriculum; introducing innovative computational-based multimedia instruction; and establishing an honors program to attract the brightest students.

Shamash also plans to establish a new department of environmental and civil engineering and a new program in industrial engineering. "Long Island's unique ecosystem makes Stony Brook an appropriate center for this department," says Shamash, "and the new program will enable us to provide technical support to Long Island corporations on matters of industrial pollution."

Still another objective is to establish interdisciplinary programs that serve Long Island industry, with special emphasis on advanced manufacturing technologies. To this end Shamash plans to increase the number of industrial personnel at college laboratories, increase faculty and student on-site visits to local industries; develop opportunities for joint research projects; and promote the use of university facilities for industry applications. "Last year the college

brought in \$6 million in research support," says Shamash. "I'd like to make it \$20 million by the year 2000."

Members of the Engineering 2000 advisory board from Long Island are: Steven Barre, president, Servo Corporation, Hicksville; Evelyn Berezin, Poquott; Sidney Braginsky, executive vice president, Olympus Corporation Scientific Products Group, Lake Success; Renso Caporali, CEO and chairman, Grumman Corporation, Bethpage; Anwar Chitayat, president, Anorad Corporation, Hauppauge; Gerald Cohen, president, Lawrence Aviation Industries, Inc., Port Jefferson Station; Lawrence Cohen, president, Lumex/Cybex, Bay Shore; Angelo Filosa, president, Hazeltine Corporation, Greenlawn; Greg Frisby, CEO, Frisby Airborne Hydraulics, Inc., Freeport; Leo Guthart, CEO and chairman,

Ademco, Syosset; and Joshua A. Hauser, CEO and president, Lambda Electronics, Melville.

Also: David E. McCrabb, Jr., president and CEO, Applied Digital Data Systems, Hauppauge; Gordon T. Ray, executive vice president, NEC America, Inc., Melville; Jerome Swartz, CEO and chairman, Symbol Technologies, Bohemia; and Charles Wang, president, Computer Associates International, Inc., Islandia.

Representatives from other regions were E. Przybylowicz, Webster, NY; Walter Robb, senior vice president for corporate research and development, General Electric, Schenectady, NY; and John Walsh, vice president for strategic planning, Boeing Defense and Space Group, Seattle, WA.

Center for High Pressure Research Offers Services to Industry

COMPANIES in the fields of ceramics, mechanical devices and pharmaceuticals can now tap the research services and expertise available at the University at Stony Brook's Center for High Pressure Research (CHiPR).

Established two years ago by the university's Mineral Physics Institute in conjunction with Princeton University and the Geophysical Laboratory of the Carnegie Institution of Washington—under a grant from the National Science Foundation's division of earth sciences—CHiPR is a research program designed to probe the fundamental properties and processes of the earth.

The center has now embarked on an industrial outreach program. With space at the synchrotron light source at Brookhaven National Laboratory and two rare large-volume high pressure apparatuses in its laboratory at the campus' Earth and Space Sciences Building, CHiPR can perform

research in such areas as synthesis and characterization of new materials, identification of unknown materials, and evaluation of how materials react to extreme temperatures and pressures.

Current clients include such world-renowned businesses as Norton Company (project: high pressure diamond-anvil cell technology to investigate new materials); DuPont (project: crystals with laser based applications; study of framework materials); IBM (project: new materials research); and Grumman Corporation (project: design of synchrotron infrared beam line to investigate materials at high pressures). Based on its experience with CHiPR, IBM has developed its own high pressure lab.

CHiPR is also available to company scientists interested in basic research using high pressure techniques. In some cases, businesses are welcome to support graduate students and post-doctoral fellows working on projects of interest to their company.

For information on CHiPR services for business, call Associate Professor John Parise, 516-632-8196.

University's BETA Program: A Boost to Medical Device Technology

DEFENSE manufacturers considering ways to diversify can now tap Stony Brook's Department of Biomedical Engineering for assistance in turning their expertise to the field of biomedical instrumentation.

Headed by department director Joseph Dyro, the Biomedical Engineering Training and Assistance Program (BETA), was established last June with a seed grant from the university's Center for Biotechnology. "Our mission was to test the waters," says Dyro, to see if manufacturers, health researchers and engineers—many displaced due to layoffs—were interested in learning to develop devices that diagnose, monitor and treat medical disorders.

The result was staggering. Over 300 people attended the three workshops Dyro's held since June; his ongoing tours through University Hospital medical facilities are filled to capacity; and an increasing number of companies are calling to find out how BETA can help them add medical device technology to their product lines.

"Companies are starting to see that they can redirect their businesses from bombs to health care, and from air-

craft to medical technology," says Dyro, who operates his program with two graduate students in an office at the university's Health Sciences Center.

The BETA program is an important step in the university's commitment to help the Long Island economy diversify and grow. Through BETA and other activities, Stony Brook seeks to provide opportunities for businesses interested in expanding their product base.

The focus of the BETA program is particularly important to companies in the defense industry. With their strengths in electronics and precision instruments, defense manufacturers are poised to expand into other markets requiring highly skilled labor and technology-based products.

What Dyro can offer reflects the wide range of expertise in his department: workshops and seminars; consultation agreements; R/D assistance; medical device testing, evaluation and clinical trials; and a data base of relevant research at the university.

So far, Dyro has met with businesses whose products and services range from systems integration to automatic test equipment and more. "Many companies are looking at ways they can work on a particular aspect of medical device technology," says Dyro. "We're here to bridge the gap between medicine and engineering."

Commack High School students Marlene Fanning (left), Mark Levine and Bryan Tanoue get ready for



MAXINE HICKS

one of the competitions in this year's national Science Olympiad playoffs, held at Stony Brook last month. Teams of students from 30 Suffolk County high schools competed in the event, sponsored by the university's Center for Science, Mathematics and Technology Education and Center for Excellence and Innovation in Education. The top four winning teams—John F. Kennedy (Plainview/Old Bethpage), Ward Melville, Syosset and Brentwood High Schools—will advance to the state competition this month at West Point; the two top state teams will compete in the finals, May 21-22 at the University of Southern Colorado.

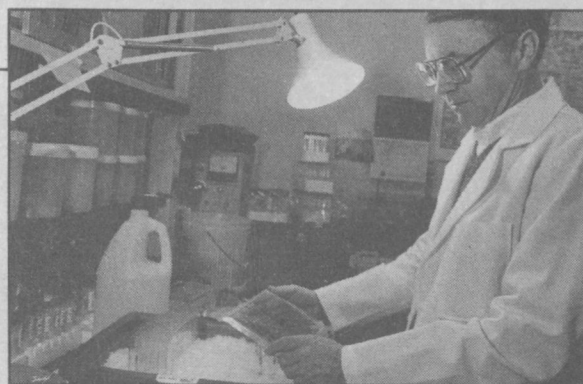
Dayton T. Brown, Inc. (Bohemia) is a case in point. "They have experience in testing electromechanical systems and documenting and analyzing data," explains Dyro. "This capability is applicable to the field of clinical information management."

Industry/hospital collaboration pays off in other ways. University Hospital's Department of Radiology recently invited two Grumman Corporation engineers skilled in radio frequency electronics to a two-week MRI course at their facilities. The instructor, medical physicist Terry Button, says their skills were crucial in developing advanced devices for patient imaging.

Other companies in discussions with Dyro include Justec, Inc., Holbrook; Test Systems Associates, Islandia; E-Z-M, Westbury; Paramax (division of Unisys), Great Neck; ILC Data Device Corporation, Bohemia; and Aerodyne Controls Corp., Bohemia.

Dyro is interested in feedback from Long Island companies. He keeps in touch via a monthly newsletter mailed to over 450 industry personnel; he solicits ideas from University Hospital physicians; and he maintains a wide network of professionals, many in the world-class research facilities throughout the Stony Brook campus.

For information on the BETA program, call Joseph Dyro at 516-444-1420.



Dr. Simon Pilkis

MAXINE HICKS

A Possible Cure for Diabetes

RESearchers at Stony Brook have found a genetic cause for a form of Type II diabetes that often begins in childhood.

Simon Pilkis, M.D., Ph.D., chair of the Department of Physiology and Biophysics, and an international team of researchers have identified and characterized about two dozen mutations in a gene that allows the production of an enzyme, glucokinase, crucial to sugar metabolism. Glucokinase triggers the reaction in the pancreas that leads to the secretion of insulin. The mutations in the glucokinase gene prevent the pancreas' beta cells from producing adequate insulin, leading to damaged blood vessels and impaired kidneys, eyes, heart and other parts of the body.

"This is the first clear definition of a genetic cause of Type II diabetes," says Dr. Pilkis, whose results were published in the March 1 issue of the *Proceedings of the National Academy of Sciences*. "Moreover, it may be one of the largest single-gene disorders described to date."

The discovery may help scientists devise better treatments or even a cure for the disease. One approach is to create drugs to stimulate the production or activity of glucokinase. Another, which lies further in the future, is to use gene therapy to replace the defective glucokinase gene.

About 11 million Americans have diabetes, nearly one in every 20 people. Most have Type II diabetes, which usually occurs in obese adults and can be controlled with diet and medications. Dr. Pilkis estimates that between 400,000 and 500,000 Americans have this variant form of diabetes. He adds that there are probably many genes involved in the cause of Type II diabetes, in which the body makes some insulin, but either makes too little or has trouble using the insulin.

"This is the tip of the iceberg for learning more about diabetes and what causes it in Type II," he says.

The study followed four generations of French families stricken with Type II diabetes before age 23. The early onset of this form of diabetes is rare. The disease most often strikes overweight adults over age 40.

An additional benefit lies in diagnosis and screening. "We've entered a new area in terms of diagnosis," says Dr. Pilkis. "Tools are now available to screen for gene mutations, and it is only a matter of time before other genes implicated in Type II diabetes are identified. We will be able to screen different diabetic populations or the general population for these mutations which will tell us whether someone has a predisposition to diabetes and what category they fall into."

In the next step of his research, Dr. Pilkis, collaborating with coauthor Graeme Bell of the University of Chicago's Howard Hughes Medical Institute, hopes to create a transgenic mouse model that will allow them to test different treatments. They are also investigating other genes that may be involved in diabetes.

Pediatric Urgent Care Center Expands Hours

The Walk-In/Urgent Care Center at University Hospital has expanded its operating hours from 8:00 a.m. to 10:00 p.m. Any child with non-trauma-related injuries or illness may be brought directly to the clinic located in the Pediatric Ambulatory Care Center on Level 5 of the hospital.

Staffed by highly trained doctors and nurses specializing exclusively in pediatrics and providing immediate care in the setting of a major teaching hospital, the Urgent Care Center offers families with children an attractive alternative to freestanding clinics and emergency rooms.

HELP FROM THE SEA:

Sea Urchins May Offer Clues to Fertilization and Cancer

Those spiny creatures prized by sushi fanciers may offer other rewards. Stony Brook scientists have cloned the gene for fertilization in sea urchins—an important feat that one day may offer clues to a protein that plays a key role in human reproduction and cancer.

The scientists also blocked fertilization in the test tube, a discovery that theoretically may have ramifications for a potential birth control method in humans, says William Lennarz Ph.D., leading professor and chair of the university's Department of Biochemistry and Cell Biology.

"This is the first gene ever cloned in any species in the animal or plant kingdom for the receptor on the surface of the egg that binds to sperm," says Lennarz, whose results was published in the March 5 issue of *Science*.

Lennarz and his colleagues for the first time have described the molecular structure of the egg's receptor for sperm. "We have pinpointed which part of the molecule protruding outside the egg is involved in binding sperm to the egg," he says.

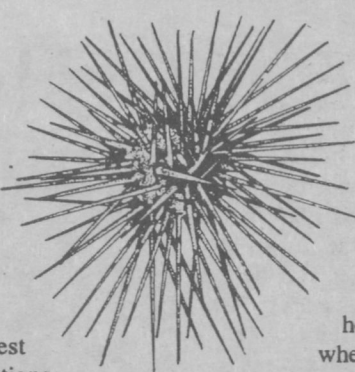
In other experiments, they blocked sea urchin fertilization. In one experiment, they made an antibody to a piece of the receptor and showed that it inhibited fertilization. In another, they snipped off a piece of the receptor, placed it in the test tube with eggs and found that it bound to the sperm, and thereby inhibited fertilization.

"In principle, you should be able to make antibodies to the human egg and inhibit fertilization," Lennarz says. "If a human counterpart is found, this could be a potential birth control method in the long term."

Lennarz's discovery culminates more than 20 years of research in using the sea urchin as a model to study fertilization and, in a larger sense, how cells communicate. Scientists have been studying this marine animal for about a century because their embryos are large and easily obtained. To preserve their species, females spawn tens of millions of eggs in the sea. In fact, this cold-water sea creature, characterized by porcupine-like spines and no bigger than the size of a baseball, comes from the California coast and its eggs are used in making sushi. (Lennarz said he had great trouble obtaining the animals this year because of the recent West Coast storms.)

Ever since microscopes were available, biologists have been able to see the sperm and egg react, but were not able to identify the molecules involved because the tools of molecular biology were not available. In the last few years, genetic engineering has allowed scientists to clone and characterize these molecules.

Twelve years ago, while at Johns Hopkins University, Lennarz discovered that the molecule on the egg's surface that allowed the sperm to bind to it was a glycoprotein, but only recently has he been able to characterize it in greater detail. Lennarz believes that these glycoproteins act as recognition devices and are instrumental in helping cells identify neighboring cells.

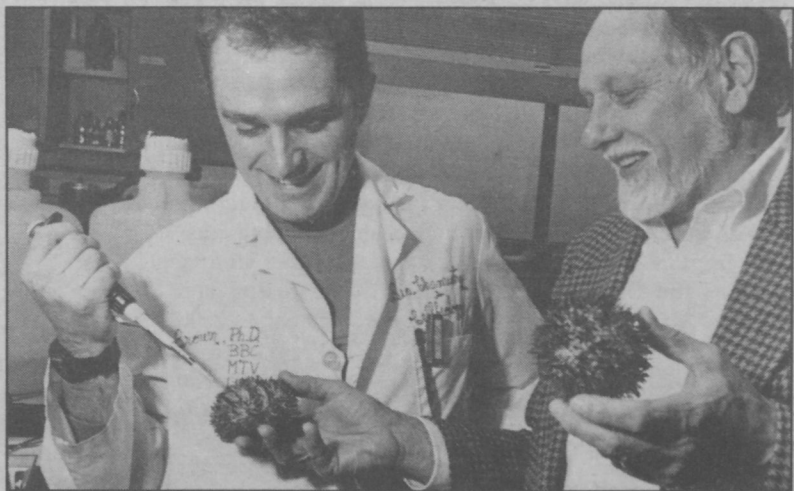


"This is part of the bigger problem in cell biology: how do cells communicate with each other?" he says. "How do two cells know where they are going? What kinds of signals do they give to one another to

induce change?"

This has particular importance in cancer, where somehow cell communication is crossed, causing uncontrolled growth in the form of tumors.

"Normally, cells are aware of their environment," Lennarz notes. "They don't metastasize. They don't reproduce in an uncontrolled manner. But that process goes awry in cancer. A piece of information is lost that tells a cell to stop growing and migrating."



Martin Brown, Ph.D., left, and William Lennarz, Ph.D., with the creatures they hope will lead them to understand more about human reproduction and cancer.

Lennarz hopes that by studying normal sea urchin cell communication, he will be able to learn how that process is controlled during normal embryo development and how it breaks down in cancer.

In the next step of his research, Lennarz will study exactly how the sperm binds to the receptor and how the molecular structure of the receptor in this species of sea urchin differs from other sea urchin species. Then, the next big leap would be to see if scientists could find a counterpart structure in mammalian species and then humans. With technology changing so rapidly, he says, this could be only a few years away.

Lennarz's collaborators on the cloning phase of this study are Kathleen Foltz, Department of Biological Sciences and the Marine Science Institute, University of California, Santa Barbara, and Jacqueline Partin, research associate, University Microscopy Imaging Center at Stony Brook's School of Medicine. The current work in his lab is being carried out by Stony Brook graduate student Robin Stears and two postdoctoral fellows, Shirish Dhume and Kay Ohlendieck.

A SYMPOSIUM ON "TAXOL AND TAXOTÉRE: BREAKTHROUGH FOR BREAST CANCER CHEMOTHERAPY"

Friday, May 14, and Saturday, May 15 at the Health Sciences Center

TAXOL is considered one of the most exciting developments in cancer chemotherapy in the last two decades. Favorable clinical results against breast, ovarian and lung cancers have raised expectations for its use and created a demand for the drug. Because a rare tree from the Northwestern United States is the only known natural source for the drug, researchers are trying to find other sources.

The symposium will assemble experts from the United States and Europe to discuss all aspects of the drug, from the discovery to the latest clinical trials, with emphasis on breast cancer research. Commercial supply strategies, progress in synthesis and future prospects for its use will be described.

Key speakers include Mansukh C. Wani of the Research Triangle Institute on the discovery of taxol; Susan B. Horowitz of the Albert Einstein School of Medicine on how the drug works; Matthew Suffness of the National Cancer Institute on drug development; and Howard A.

Burris, III, of Texas' Cancer Therapy and Research Center on breast cancer clinical results with taxol.

Conference organizers include Iwao Ojima and Scott M. Sieburth of the Department of Chemistry, and Dr. Michael Viola of the School of Medicine's Division of Medical Oncology.

The conference will be held Friday from 8:30 a.m. to 4 p.m., followed by a poster session, and Saturday, from 9:30 a.m. to 4 p.m. It will take place in Lecture Halls 1 and 2, Level 2. Registration will be in the HSC Gallery, Level 3.

Registration fees are as followed: for both days, \$35 for faculty; \$25 for staff; and \$15 for students with ID. The fee for Saturday only is \$20 for faculty; \$20 for staff; and \$10 for students.

Those interested may send a check or money order payable to the Stony Brook Foundation to Stony Brook Symposium on Taxol and Taxotére, c/o Dr. Iwao Ojima, Department of Chemistry, Z=3400. Ojima can be reached at 632-7890.

Liz Claiborne Joins SB Researcher to Save the Madagascar Rain Forest

STONY BROOK primate researcher Patricia Wright has a new ally in her efforts to halt destruction of Madagascar's unique, and fragile, environment.

The Liz Claiborne and Art Ortenberg Foundation has awarded Wright a five-year, \$320,000 grant to support development of a national park located in the Ranomafana rain forest region of Madagascar. The park is not a traditional wildlife preserve, but an attempt to save the forest while providing economic and social support for residents of the villages that surround the region.

It was in Ranomafana that Wright discovered a previously unknown species of lemur, and proved that another species thought to be extinct was still living there. The area is an oasis of biological diversity, like the rest of the Texas-sized island located off the coast of Africa (there are 29 species of lemurs alone living on Madagascar.) But the extreme poverty of its citizens has led to the ecological devastation of Madagascar, through destructive agricultural practices that ruin the soil and strip the forests.

Wright says the Liz Claiborne and Art Ortenberg funding will help the park project provide conservation education to the Malagasy, "to make them aware that their biodiversity is a national treasure. Right now they



Patricia Wright with *Propithecus tattersalli*, one of the many species of lemur found on Madagascar.

have no idea." The grant will also help local farmers (working with locally-trained ecologists) to develop a management plan for the forest, with alternative ways to extract the products they need without widespread cutting of trees.

In addition, the grant will support a health team of local physicians and nurses, who bring primary medical care to the remote villages surrounding Ranomafana National Park. And it will fund long-term, continuous studies of Madagascar's ecosystem, to monitor changes in and recovery of the rain forest over time.

The Liz Claiborne and Art Ortenberg Foundation is a

private organization that funds community-based conservation efforts. It was founded eight years ago by fashion designer Liz Claiborne, with her husband and business partner Art Ortenberg. It currently funds 40 projects throughout the world (most in Third World nations, though one project is located in the northern Rocky Mountains.) The Foundation specializes in projects, designed and implemented with the participation of local citizens, that ameliorate conflicts between human land use and ecological conservation.

Wright emphasizes that the Malagasy government is supportive of the Ranomafana National Park Project. "They're very interested to see our results," she says. Wright recently returned from her latest trip to the island, during which she met with government officials and approved a work plan for next year's operation of the park.

Wright, an associate professor of anthropology at Stony Brook, serves as international coordinator of the project. A former New York City social worker, she is well aware of the connections between her current work and her previous profession. "I'm certainly using all the skills I learned in my former life, though the cultural setting is different," she acknowledges.

"The bottom line is that every time I return to Madagascar, I remember why I'm doing this," Wright reflects. "It's because the extraordinary people and the extraordinary biodiversity of Madagascar deserve some help with preservation for the future."

Stony Brook Student Gets a Shot at the Big Time

For a few days in February, Lori-Anne Mooney was no longer a Stony Brook undergraduate. She was a researcher presenting an invited talk at a national scientific meeting.

MOONEY was asked by the American Association for the Advancement of Science to participate in a session on undergraduate research, at its annual meeting held in Boston recently. She gave a presentation on her work with Stony Brook Professor of Physics Harold Metcalf and described the importance of conducting research while an undergraduate.

"I felt like a real scientist for the whole meeting," Mooney recalls. "I wasn't just a student—the other people there were my peers."

Metcalf, who also attended the meeting, says, "It is

unusual for an undergraduate to have the opportunity to attend a scientific meeting—even more unusual to be invited to give a talk. The invitation recognizes her abilities and the fact that it's important for students to do research at the undergraduate level."

A junior who is majoring in physics, Mooney has spent the past year working on an independent project in Metcalf's laboratory. She tests the reflectivity of mirrors that have extremely thin metallic coatings (the devices are used by Metcalf in his own atomic experiments.) Her project is sponsored by Research Experience for Undergraduates (REU), a National Science Foundation-supported program that promotes undergraduate research nationwide.

Mooney plans to apply for graduate study in biophysics. "Biophysics is the process of taking biological problems and looking at them from a physics point of view," she explains. "You apply advanced mathematical techniques to things like cell interactions, for example." She'll continue her research next fall with the university's biophysics faculty.

Her REU experience has been "extremely important" to her, Mooney says. "It enables you to actually work in your field. Working in a laboratory on a new experiment is totally different than working in the classroom."



MAXINE HICKS

STONY BROOK'S APPLE CORPS

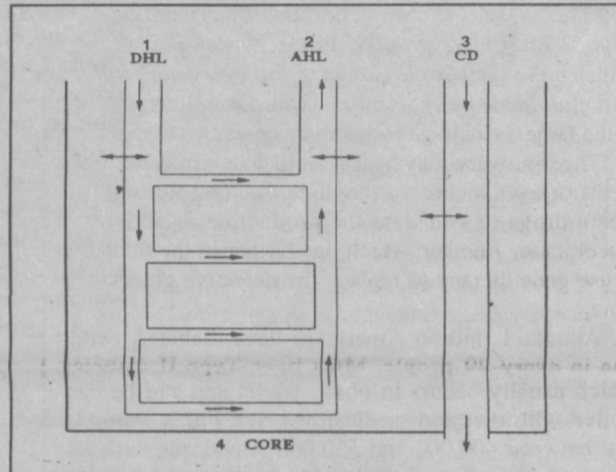
The university has been awarded a grant from Apple Computer Incorporated, to support minority students pursuing graduate study in computer science or psychology with a specialization in the emerging field of human factors.

The grant is the first of its kind from Apple to an academic institution, says Wendy Katkin, Stony Brook's associate dean for arts and sciences. The award will provide full tuition scholarships plus stipends for four Stony Brook "Apple Masters Fellows" per year, to pursue masters degrees with a concentration in human factors (a new field that focuses on user-friendly interactions between people and computers.) The funds will also support a visiting speaker series and an annual conference, to be held on campus, on minority opportunities in research and education. To support these efforts, Apple has provided \$15,000 in start-up costs for this year, to be followed by \$87,000 in funding next year and \$72,000 the year after

that. After three years of funding, the program will be re-evaluated by Apple and by the university.

The company will provide additional funds to bring the students to its company headquarters in Cupertino, California, for the summer. While there the students will become salaried members of Apple's research staff. Apple will also provide the students and selected faculty in the Departments of Psychology and Computer Science with new computing equipment.

Undergraduates do not have to be Stony Brook students to apply for the Apple fellowships, says Katkin. "This effort has grown out of such previously existing programs as the National Science Foundation-sponsored Research Experience for Undergraduates (REU), and the U.S. Department of Education-supported Minority Research Apprenticeship Program (M-RAP)," she noted. "We will use these programs, which provide research opportunities on our campus for students from a number of undergraduate schools, to help us identify candidates for the Apple fellowships."



A mathematical depiction of how the human kidney makes concentrated urine. The figure is a computer model of the kidney's anatomy. The equations represent volume flow, salt concentration and urea concentration in the inner medulla region of the kidney.

R. TEWARSON

Biomathematicians Converge on USB

What does your kidney have to do with a computer, or a mathematical equation? Plenty, according to those who will attend Stony Brook's fifth annual conference on biomathematics April 16.

The conference, to be held on campus, is organized each year by Edward Beltrami. Beltrami, professor of applied mathematics and statistics, says the gathering is intended "to bring together researchers of diverse backgrounds, to discuss issues of mutual concern at the interface of mathematics, biology and medicine."

Biomathematics uses computer models to simulate biological processes, making them easier to study. "It's a new area that brings together people from different disciplines, who may speak different scientific languages," Beltrami says. The conferences foster collaborations between these researchers, he says—including a project on computer modeling of blood clotting, being conducted by Beltrami with Jolyon Jesty, associate professor of hematology in Stony Brook's School of Medicine.

The conference draws participants and speakers from on and off campus. This year's talks include presentations on computer modeling in AIDS research, in the study of marine bacteria and in genetics.

The event also introduces students to new possibilities for their own work, Beltrami points out. "Since mathematical biology is so new, the more conferences of this type that we have, the more likely it is that a new field will emerge with people actually trained to be biomathematicians," he says.

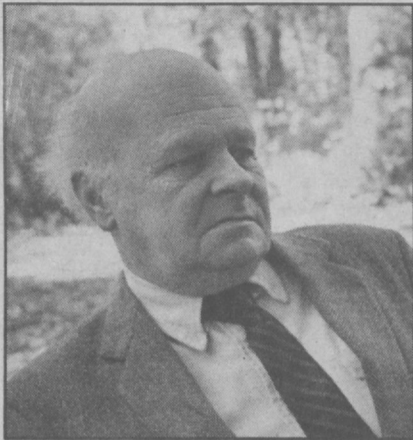
The conference will be held from 9 a.m. to 4 p.m. in Rook S240 of the Mathematics Building, followed by a reception. Registration is free. For more information, contact Beltrami at 632-8367.

The conference is sponsored by Stony Brook's Department of Applied Mathematics and Statistics, with funds provided by a grant from the U.S. Army Research Office.

Editor of Research: Sue Risoli

EXCELLENCE AWARDS

Thomas Flanagan Named Distinguished Professor



Thomas Flanagan, professor of English, scholar and novelist, has been designated a "Distinguished Professor" by the Board of Trustees of the State University of New York. This is the highest academic honor the university bestows.

AUTHOR of two novels that are ranked among the major works of twentieth century fiction, Flanagan enjoys the esteem of the intellectual and writing community in America and abroad. According to Stony Brook President John H. Marburger, "Professor Flanagan is the epitome of Irish literary, historical and poetic sensibility and the greatest living scholar of Irish literature."

Thomas Kranidas, chair of the Department of English, says, "I am delighted that this honor has come to Tom Flanagan and to the English Department, which has the extraordinary honor of having two Distinguished Professors on its faculty, both of them major American writers: Louis Simpson and Thomas Flanagan."

Kranidas adds, "On either of two grounds Tom Flanagan is quite simply the most distinguished figure in Anglo-Irish letters. First, he is widely considered to be the leading scholar and critic of Irish literature in English; second, he is author of two novels that have already entered the canon of major works in twentieth century fiction." Furthermore, "His intellect and experience have proved important on major university committees. His erudition, wit, and warmth have made his classes among the most popular among our best students."

Flanagan's first novel, *The Year of the French*, won the 1979 National Book Critics Circle Award and was made into a six-part series by Irish and French television. It has been widely reprinted and translated into Dutch, French, German and Italian. *The Tenants of Time*, published in 1987, continued the historical sweep of Irish history and met with near-equal success. A third volume is forthcoming.

Flanagan's fiction compares favor-

ably in its scope, grandeur and poignancy to *War and Peace*, says a University of Chicago professor of British and Irish history, who adds, "As history it is impeccable, and as art it is consummate."

Letters in support of Flanagan's nomination to the distinguished professorship include glowing tributes from Irish poet Seamus Heaney, writer Conor Cruise O'Brien, and professors of history and literature at New York University, Loyola, Wesleyan, Columbia, University of California at Berkeley, University College Dublin, and elsewhere.

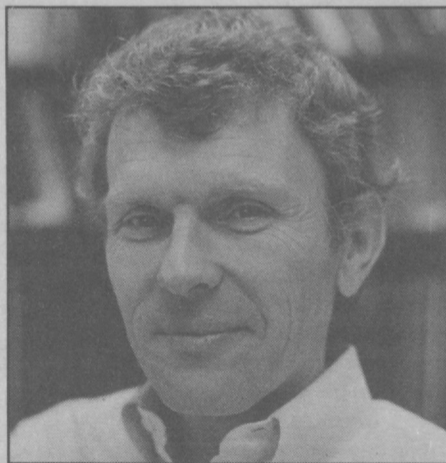
A native of Greenwich, Connecticut, Flanagan earned his M.A. and Ph.D. degrees from Columbia University where he taught from 1949-59. From 1960-78 he was on the faculty of the University of California at Berkeley and then came to Stony Brook 15 years ago. In addition to his novels, he is author of the seminal critical study, *The Irish Novelists, 1800-1850*, and a long list of articles and scholarly prefaces. His campus service includes participation in the English Department Council and membership on many committees, including the Committee on Honorary Degrees and the Committee on Faculty Rights and Responsibilities.

Flanagan's lifelong scholarly and creative achievements have been recognized by the world beyond the campus, and his dedicated teaching has inspired generations of students at Stony Brook.

—Reinstein

Eleven members of the faculty and staff have been honored with 1993 President's Awards for Excellence.

EXCELLENCE IN TEACHING



Peter Brink, professor of physiology and biophysics

Peter Brink came to Stony Brook as a post-doctoral fellow in 1975 and stayed to do research in membrane function and physiology and to organize one of the best courses in the medical school's preclinical curriculum. A mainstay of the teaching faculty at the School of Medicine, his contributions are distinguished, not only for their quality and quantity, but also for their diversity.

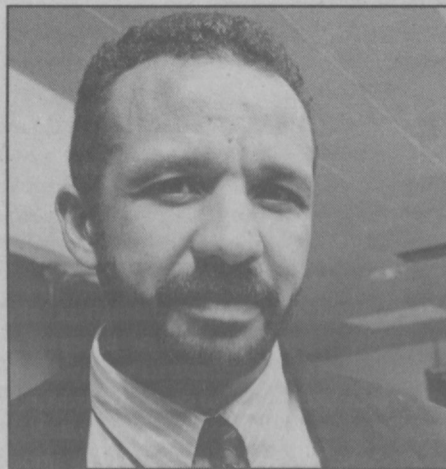
Brink's teaching is characterized by superb organization, clear communication and fair examinations, all delivered in a nurturing, supportive and sympathetic manner. One student stated, "He was a concise lecturer, always clearly planned in his approach to the physiological and materials, and constantly forthcoming with regard to questions or obscurities which plagued students over the routine course of daily academic life."

Brink was also among the leaders in responding to the national mandate to revise medical school instructions in the

direction of integrated, cross-disciplinary teaching of basic science topics. His direction and organization of the resulting complex interdisciplinary course has been called a "total success," and all the more impressive because it occurred at a time of departmental restructuring. One of Brink's colleagues said that "for those who are interested to see whether a hybrid Physiology/Anatomy course can work, the Stony Brook model could act as a national standard."

Life outside the classroom is important to Brink also: he serves as one of two faculty contributing editors to the medical student publication, *Year One: A Review of the Medicine and the Humanities*, in which he has published his poetry.

—Alpine



Dr. Fred S. Ferguson, D.D.S., associate professor of children's dentistry in the School of Dental Medicine

Dr. Fred S. Ferguson has held an academic appointment at Stony Brook since 1975, teaching in the School of Dental Medicine. In addition to his responsibilities within his

department, he also serves as special advisor to the dean of the dental school for recruitment of minority and disadvantaged students.

In all of his professional activities, he has earned the respect of his colleagues, students and patients. In token of their admiration, the 1991 graduating class of the dental school presented him with a Faculty Excellence Award. A dedicated teacher, he enjoys an excellent relationship with students and is successful in helping them develop a professional attitude toward the patients they treat. He is a "pleasure to watch in the classroom," his colleagues report, as he makes it very clear that he expects high standards from students.

He has also demonstrated a remarkable skill in program development, initiating and directing a model educational program for the dental treatment of the developmentally disabled. This program offers students experience in treating such patients and its clinical service provides care to those who have limited access to dental treatment. He also is co-director of the "Ryan White Title II" pediatric dentistry program that provides dental care to children with HIV at University Hospital.

Ferguson has earned numerous honors and awards. He received his diplomate status from the American Board of Pediatric Dentistry in 1979. In 1991, he was one of the statewide recipients of the New York State/United University Professions Excellence Award for recognition of outstanding performance and community service. Last year, he was one of the first recipients to be awarded the Governor's Award for African-Americans of Distinction.

—Alpine



Lenore Frank, director of the Mathematics Learning Center

Lenore Frank directs the Math Department's Learning Center and teaches courses ranging from remedial mathematics to calculus.

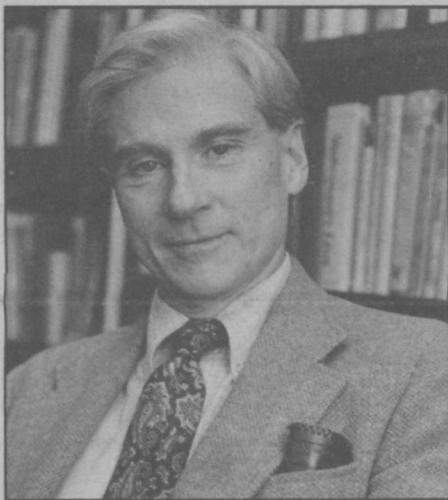
"The excellent reputation that the Mathematics Learning Center has gained as a friendly place where any student can expect to receive expert help and patient attention is a testimony to Ms. Frank's success," notes the summary letter nominating her for the President's Professional Excellence Award. "Through her creativity and sensitivity to student needs she has transformed the remedial and pre-calculus offerings of the mathematics courses from the unpopular, unsuccessful courses that existed when she arrived into courses that students flock to." Currently, more than 1,500 students take these courses each year.



A former high school teacher and adjunct instructor at Suffolk Community College and New York Institute of Technology, Frank was hired at Stony Brook in 1986, specifically to direct the Mathematics Learning Center. Since then she has added to her responsibilities, teaching and coordinating over a dozen courses and student teaching practica.

"Ms. Frank is the most responsive...instructor I have encountered in my years at this university," remarked one student. "She creates an atmosphere...conducive to learning. With her guidance I have learned I can achieve excellent results in a subject in which I was very insecure."

—Volkman



Clifford Huffman, professor of English

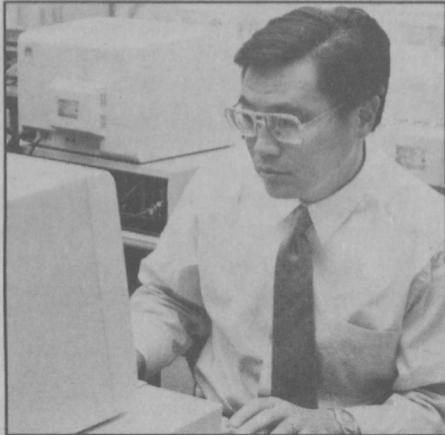
Clifford Huffman is a specialist in British literature, especially Shakespeare and the Renaissance, but his interests extend far beyond any one period or area, and his teaching is exceptional. He has taught at Stony Brook for 22 years.

His classes are "models of intellectual clarity and probity," a letter nominating him for the Excellence in Teaching Award indicates, and he has "a rare ability to bring the texts alive," fostering the love of literature in generations of students. His classroom talents are noted in Lisa Birnbach's *New and Improved College Book*, in which he is one of six professors at Stony Brook praised for their fine teaching. He has been commended for deep knowledge of his field, sensitivity and understanding of his students, keen insight, receptivity to new ideas and enthusiasm.

He has taught 24 different courses, from introductory level to graduate studies, including an extraordinarily popular one in mystery and detective fiction and a pair of courses for high school teachers. He has directed graduate studies and undergraduate studies for the English Department and served on, and chaired, numerous university committees.

Huffman earned his bachelor's degree from Columbia College, studied at Cambridge (England), and returned to Columbia University for his doctorate. He has received Woodrow Wilson and E.J. Kellett fellowships and two Huntington Library research grants. His scholarly efforts include three texts and numerous articles on Elizabethan English literature.

—Reinstein



Thomas T. Liao, professor and chair of the Department of Technology and Society

Tom Liao is a national leader in educational development and innovation.

Known as an excellent student motivator who instills a respect for scholarship, Liao has taught 15 different courses during his 20 years at Stony Brook. Always updating each course to make it relevant to his students, Liao believes, "all instructional programs must be centered around the needs of learners."

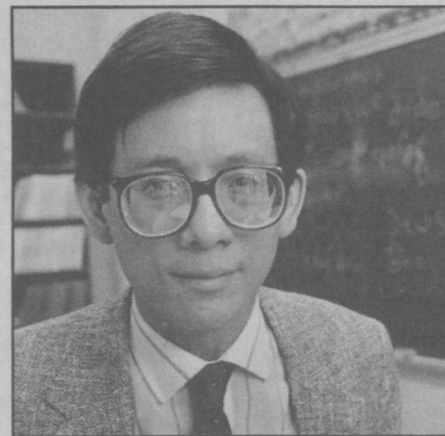
"Professor Liao is an excellent model of a college teacher," says Stony Brook President John H. Marburger. "He has made outstanding contributions to teaching, to research in curriculum development, and through the disadvantaged and minority student programs he directs, to the community."

For many years, Liao has encouraged disadvantaged and minority students to excel in high school and college. As the director of the Science and Technology Entry Program (STEP) at Stony Brook, Liao has prepared many students to enter scientific, health, and health-related fields. Under his leadership, the Stony Brook STEP program has long been considered the model of a successful program by the New York State Education Department.

A leader in curriculum development, Liao has been involved in many national projects, including the Engineering Concepts Curriculum Project, the National Coordinating Center for Curriculum Development, and the Principles of Engineering Project.

Students describe Liao as a superb teacher, saying his teaching practices and philosophies are creative, practical, exciting, and innovative. One former student said Liao "encourages students to be bold, innovative, independent, and 'to go for the gold.'" Another student said he "is always ready with good assistance, suggestions, and advice."

—Owczarski



Gary Mar, assistant professor of philosophy, director of the Logic Laboratory

Gary Mar treats his students to homemade green cookies on St. Patrick's Day and a celebratory cake on the last day of class.

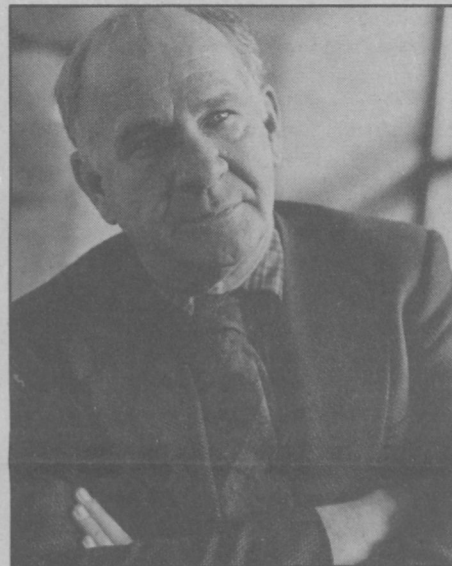
"Students and colleagues agree that Professor Mar is well prepared, well informed, thorough and clear. In addition, he demonstrates to his students that he is dedicated to seeing them learn," reports the summary presentation of Mar's credentials

nominating him for the teaching award.

Mar's innovative teaching techniques add to the excitement he brings to his classroom. Often, his lectures are punctuated with logic games, mind tricks and debates. Mars also uses *Alice in Wonderland* to illustrate what he's teaching. The book, explains Mar, "is not nonsense, but rather a parody of sense when viewed through the mirror of symbolic logic." The Logic Lab, established by Mar in 1989, fulfilled his desire to provide a lively atmosphere in which undergraduates and graduate students can learn and mingle. The lab, containing state-of-the-art software, was established with grants Mars worked to obtain.

A mathematics and philosophy undergraduate at the University of California, Davis, Mar received his Ph.D. from UCLA in 1985. The author and editor of numerous books and articles, his *Logic: Techniques of Formal Reasoning*, written with two colleagues (Harcourt, Brace, Jovanovich, 1980), is now in its second edition.

—Volkman



Thomas Neumiller, professor of theatre arts

Thomas Neumiller has been a member of the Stony Brook faculty for 23 years, during which he has earned the reputation of being one of the kindest and most generous of teachers. Noted one colleague in a nominating letter, he is "the epitome and the model of what a director in a teaching theatre should be. He teaches by and through his directing. With tact, thought, skill and great humanity, he brings out the best in his student cast and crew."

Neumiller has taught acting, directing, mime, theatre history, opera, Shakespeare, dramaturgy—in fact, most of the courses the Theatre Arts Department offers. He has directed close to 60 plays and operas at Stony Brook and has used these as powerful teaching opportunities to open students to the joys of the stage, helping them gain the courage to take risks and to find talent within themselves. The most recent plays he has directed at Stony Brook are *The Tempest* and *Brezhnev's Children* (both in 1992), and *Eastern Standard* in 1991.

Professionally he has directed more than 20 shows, both at the Summer Playhouse (Equity/URTA), which he founded and directed from 1972-82, and at other theatre companies. He has led mime classes in 40 Long Island elementary schools and, with undergraduate assistants, has taught "Shakespeare A to Z" at high schools around Long Island.

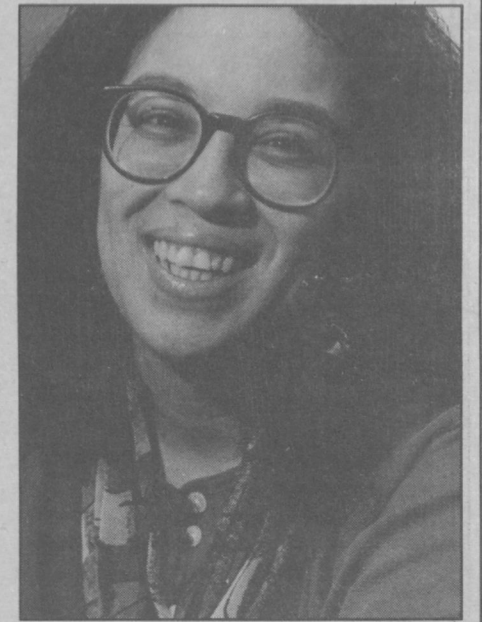
Neumiller has served on numerous university committees, advised graduate theses, directed Undergraduate Studies for the Theatre Arts Department and served as acting chair of his department.

A 1965 graduate of the Yale University School of Drama where he earned an M.F.A. degree, Neumiller has also studied at the Bayreuth Festival in

Germany and, on a Fulbright Scholarship, at the Freie Universität of West Berlin. His bachelor's degree is from Knox College in Illinois.

—Reinstein

EXCELLENCE IN PROFESSIONAL SERVICE



Vera Baquet, director of Toscanini Infant Center

Only Superwoman could juggle caring for the university's children, providing support for parents and overseeing all the administrative work facing a child care center director—plus teach, conduct seminars, and serve as an advocate for women, people of color and single parents. And raise a child herself. Right?

Wrong, says the university community. Vera Baquet, director of Stony Brook's Toscanini Infant Center, does all that and more. Her accomplishments have earned her a president's award for excellence in professional service.

Baquet spends her days (in the words of one grateful parent) "handling spilled milk, crying babies, tantrum toddlers, inquisitive parents and administrative detail, often simultaneously without ever losing control or even seeming rushed." Parents also praised Baquet for providing guidance, information and moral support to all the families involved with the center.

Baquet, herself a Stony Brook alum, also teaches Toscanini's undergraduate internship program. One faculty member whose students work at Toscanini as part of their course work notes, "As a teacher, Vera influences both children and students. I cannot think of a better role model for our future child care givers than Vera."

Many of those who supported her award nomination lauded Baquet's commitment to addressing racism, sexism and other injustices. At Toscanini, one colleague notes, she has developed a "gender- and race-blind curriculum. She also teaches the children how to resolve their differences through communication rather than violence." Off campus, Baquet is a leader of the local branch of the Women's International League for Peace and Freedom.

A colleague summed up Baquet's attributes by saying, simply, "I just wish we had more Veras in the world."

—Risoli



Catherine R. Bardram, senior staff assistant, Department of Mechanical Engineering

As a member of Stony Brook's professional staff for the past 11 years, Catherine Bardram has always made student needs a top priority. That explains why a letter signed by 52 mechanical engineering students supported her nomination for the honor.

As assistant to the chair, Bardram oversees many operating and administrative duties for the department. Her specific responsibilities include all aspects of the undergraduate program, graduation clearances, program advising, scheduling, and maintaining the department's budget.

"She came to our department hoping to interact with our undergraduate students, but she has done much more," says James Tasi, chair of the Department of Mechanical Engineering. "She reserves time each fall to meet with all mechanical engineering seniors to ensure all their graduation requirements have been met. She also computerized our budget to help us keep track of the department's current balance and projected expenditures for the year."

Mechanical Engineering Professor Edward O'Brien, the former department chair who hired Bardram for her current position says, "Cathy was entirely reliable and outstandingly conscientious in carrying out all her functions. Her work with the students has been characterized by unusual concern and generosity of spirit that has made a significant difference to student morale in the department."

"Students receive her complete attention and no one leaves her office without

knowing that she will attend to their needs," adds Joan Kenny, assistant dean for the College of Engineering and Applied Sciences. "She participates in the New Student Orientation programs, and assists with the academic orientation of the mechanical engineering students."

In addition to her departmental responsibilities, Bardram is active in several university programs including the Employee Relations Council, the Returning Student Network, the Committee on Academic Standing, and the Continuing Education Council.

—Owczarski



Pamela Burris, assistant to the chair of Physics

It's a lot to live up to when you're called "a paradigm for all other future candidates for this honor." According to those who supported Pam Burris' nomination for an excellence in professional service award, she more than merits the accolade.

Burris is the assistant to the chair in the Department of Physics, one of the university's largest and most active academic departments. She supervises all administrative, budgetary and personnel operations, and coordinates departmental publications and course materials. But the physics faculty, staff and students also describe her as no less than "a model university citizen."

Burris is known by her colleagues for a keen sense of professionalism. One faculty member comments on Burris' nomination, "She brought to the department a fresh, professional, cooperative approach that transformed the environment in the office." Another calls her someone who

"performs well above what would be considered 'normal job parameters.' She is among the group of key individuals who make this campus function effectively."

Burris has served on—and chaired—numerous university committees. One university administrator with whom she served notes, "Whenever an important committee is formed, her name is always on the list—and rightfully so. She is smart, dedicated, unselfish and does a superb job."

Compassion and an affinity for people are among the qualities cited by those who nominated Burris. Colleagues echo the words of one new faculty member, who recalls, "I was desperately in need of someone who could help me get started. Pam provided me not only with information but with warm, moral support. She can never know what all she did meant to me." Others point out that she serves as "an extremely effective ambassador" for the physics department and for the university as a whole.

—Risoli

EXCELLENCE IN LIBRARIANSHIP

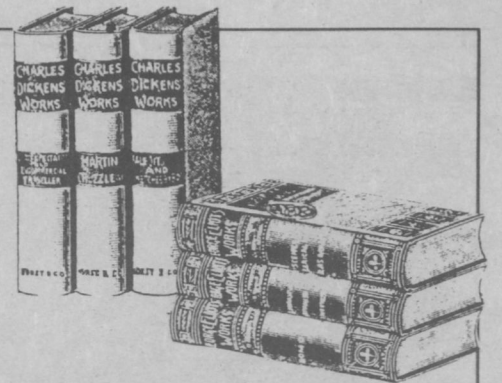


Amelia Salinero

Amelia Salinero has been cited for excellence in librarianship.

But her work extends beyond the university community, as she helps make the Stony Brook library collection readily accessible to those throughout the world who have access to shared cataloging networks.

Salinero is a senior assistant librarian



in the university's Frank Melville, Jr. Memorial Library. She serves as a cataloger and bibliographer, specializing in Hispanic and Luso-Brazilian materials. (Salinero received her bachelor's degree from Stony Brook, in Spanish and history, and is a doctoral candidate in the university's Department of Hispanic Languages and Literatures.) Faculty, staff and students credit her skills with making their own projects a success.

One faculty member in the Department of Hispanic Languages and Literatures notes, "I cannot remember working on a research project in which I did not seek her collaboration in some form. It would be impossible to repay her for all of the help that she has given to me over the years." Another says, "She struck me as a dedicated, efficient and dynamic librarian. I still count on her as my best source of bibliography."

Salinero's own scholarship informs her work, say her university colleagues. "Amelia succeeds because of her intellectual awareness," notes one. "She knows what the books are about, knows where the different branches of fields are going, and grasps how scholarship is developing." Her knowledge enables her "to make prudent decisions regarding the use of the library's budget allocations."

Others point out that her expertise is not limited to the field of Hispanic languages, nor even to serving those on the Stony Brook campus. One supporter says, "Her excellent cataloging presents Stony Brook in a favorable light to the numerous libraries in North America and Europe that belong to international cataloging networks."

—Risoli

PHOTOS BY MAXINE HICKS

Briefs continued from page 4

Sherwood Johnson, formerly Director of Financial Aid and Student Employment, has been named Assistant to the Dean for Enrollment Planning and Management. In this position, Johnson will be responsible for conducting financial aid research and analysis as it relates to the college selection process and retention of students, assisting in the management of the University Scholarship Program, developing and presenting seminars on financing higher education, and administering and supervising the activities related to the Collegiate Aid Sources for Higher Education (CASHE) database program.

Johnson also serves as president of the State University of New York Financial Aid Professionals and Long Island chairperson of the New York State Financial Aid Administrators Association. He is a resident of Setauket, NY.

Clive Clayton, professor and chairperson of the Department of Materials Science and Engineering, has been given the additional responsibility of Associate Dean for Research and Graduate Studies at the University at Stony Brook's College of Engineering and Applied Sciences. In this newly created position, Clayton will serve as a liaison between the college and the Long Island business community to facilitate and support cooperative programs and technical meetings.

A member of the Stony Brook faculty since 1976, Clayton conducts research on applied surface chemistry and interfacial bonding. He is a resident of Setauket, NY.

Elizabeth Tze Kan Wang of Stony Brook, NY, a second-year graduate student was named the Grumman Fellow for the 1992-1993 academic year. The \$7,000 fellowship is awarded to an outstanding graduate student pursuing a doctoral degree in Stony Brook's College of Engineering and Applied Sciences.

Originally from Ponca City, OK, Wang earned a bachelor of arts degree in mathematics from Cornell University in 1990. Currently a student in Stony Brook's Department of Applied Mathematics and Statistics, Wang received a Graduate Assistance Applied to National Needs (GAANN) Fellowship from the U.S. Department of Education in 1991. She is conducting research with USB Chemistry Professor Frank Webster on scattering theory approaches to molecular dynamics, and they have submitted two papers for publication. Wang plans to pursue a career as a mathematics professor.

OBITUARIES

Ann Smith Coates, a member of the Stony Brook Council since 1989, died February 28. She was 60.

A 28-year resident of Setauket and former Three Village School Board president, Coates was involved in many community groups, including the Museums of Stony Brook. She earned her bachelor's degree from St. Joseph's College in Brooklyn, a master's degree from St. John's and her law degree from Hofstra School of Law.

Coates is survived by her husband, Jerry; her daughter Maria Kanopka of Massapequa; and two sisters, Margaret Smith of New Providence, NJ and Catherine Jane Smith of Rockville Centre.

Richard Shao-Lin Lee, a professor of mechanical engineering, died February 27 at University Hospital. He was 63.

A member of the Stony Brook faculty since 1964, Lee was chair of the Department of Mechanical Engineering from 1969 to 1975. His research specialty was fluid mechanics and its application to areas including the study of fire, prosthetic heart valves, and human joint lubrication. A pioneer in the study of two-phase flow, Lee was the recipient of the Humboldt Award in 1980 from the Federal Republic of Germany and was an honorary member of the Society of Theoretical and Applied Mechanics in the Republic of China. He was the recipient of the Outstanding Teaching Award from the College of Engineering and Applied Sciences in 1974 and 1981.

Born in the People's Republic of China, Lee came to the United States in 1953. He earned a bachelor's degree in mechanical engineering from National Taiwan University, a master's degree in mechanical engineering from North Carolina State University, and a doctoral degree in engineering and applied physics from Harvard University.

Lee is survived by his wife, the former Grace F. H. Tang; three sons, Howard, Frank and Gary; and two brothers, Thomas and Eric.



CALENDAR

EXHIBITS

THROUGH THURSDAY, APRIL 15: "Neon." Noon-4:00 p.m., Tuesday-Friday; 5:00-8:00 p.m., Saturday. University Art Gallery, Staller Center for the Arts. Call 632-7240.

THROUGH THURSDAY, APRIL 15: "Student Exhibition," Heather Pieters and William O'Rourke. Monday-Friday, noon-4:00 p.m. Stony Brook Union Art Gallery. Free. Call 632-6822.

MONDAY, APRIL 19 - TUESDAY, APRIL 30: "Mountains Round About - Jerusalem in Israeli Printmaking from the 70's and 80's." Monday-Friday, noon-4:00 p.m. Opening reception (7:00 p.m., Gallery) and slide talk, "Meaning of Cultural Diversity and Contemporary Israeli Art in the Middle East Reality," Ami Steinitz on Wednesday, April 21, (8:00 p.m., 236 Stony Brook Union). Stony Brook Union Art Gallery. Free. Call 632-6822.

SATURDAY, MAY 1 - THURSDAY, MAY 13: "Senior Show '93." Noon-4:00 p.m., Tuesday-Friday; 5:00-8:00 p.m., Saturday. University Art Gallery, Staller Center for the Arts. Call 632-7240.

MONDAY, MAY 3 - FRIDAY, MAY 14: "THAW" - Talented Handicapped Artists Workshop. Curated by Karl Kneis. Monday-Friday, noon-4:00 p.m. Stony Brook Union Art Gallery. Free. Call 632-6822.

APRIL 1

THURSDAY



Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Department of English Thursdays at Noon Lecture Series, Poetry Reading. Amiri Baraka, professor, African Studies. The Poetry Center, Room 239, Humanities. Call 632-7400.

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

Catholic Campus Ministry Mass. 12:10 p.m. Interfaith Center Conference Room, 157 Humanities. Call 632-6562.

Cancer Support Group for Patients, Family and Friends. Sponsored by University Hospital and the American Cancer Society. 4:00-5:30 p.m. Level 5, University Hospital, Physical Therapy Department. Free parking; validate at meeting. Call 444-1727. Every Thursday.

University Orchestra. 8:00 p.m. Features works of Bizet, Schumann, and Mozart. Studio A, Room 143, Educational Communications Center Free.

APRIL 2

FRIDAY

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. **Spring Recess** begins at the close of classes.

Catholic Mass. Noon. Level 5, Chapel, Health Sciences Center. Call 444-2836. Every Friday.

University Counseling Center Group Shop Workshop, "Adult Children of Alcoholics." Noon-1:15 p.m. To register, call 632-6715.

Department of Music Faculty Colloquium, "Jazz Becomes Art: Tracking a Discourse from Journalism to Film," Krin Gabbard, associate professor, comparative literature. 4:15-5:15 p.m. Room 3317, Staller Center for the Arts. Call 632-7345.

B'nai B'rith Hillel Foundation Shabbat Services. 5:15 p.m. Roth Quad Dining Hall, lower level. Call 632-6565. Every Friday.

C.O.C.A. Film, Malcolm X. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

B'nai B'rith Hillel Foundation Reform Services. 7:30 p.m. Room 157, Humanities. Call 632-6565. Every Friday.

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

Stony Brook Fencing Club. 8:00-10:00 p.m. Main arena, Indoor Sports Complex. Call 585-8006. Every Friday.

APRIL 3

SATURDAY

B'nai B'rith Hillel Foundation Services. 9:30 a.m.: Orthodox service, Roth Quad Dining Hall, lower level; Conservative service, Roth Quad Dining Hall, 2nd floor. Call 632-6565. Every Saturday.

Men's Tennis vs. Baruch. Noon. Tennis Courts. Call 632-7200.

Men's Rugby vs. Rutgers. 1:00 p.m. Field behind the Indoor Sports Complex. The "third half" party follows. For information, call 632-1098.

C.O.C.A. Film, Malcolm X. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

APRIL 4

SUNDAY

Men's Tennis Skyline Tennis Championships. Time: TBA. Tennis Courts. Call 632-7200.

Stony Brook Fencing Club, "Domino's Round Robin." 2:00-5:00 p.m. Undergraduates can win Domino's gift certificates. Main arena, Indoor Sports Complex. Call 585-8006. Every Sunday.



Prepared Childbirth Courses. Lamaze refresher course, classes in preparation and Cesarean section birth, newborn care and preparation for breast-feeding. 3:30-5:30 p.m. Preregistration required. Call 444-2729. Every Sunday.

Catholic Campus Ministry Mass. 5:00 p.m. Peace Studies Center, Old Chemistry. Call 632-6562. Every Sunday.

C.O.C.A. Film, Malcolm X. 7:00 p.m. and 9:30 p.m. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

APRIL 5

MONDAY

Flea Market. Bargains Galore! This FSA-sponsored market is open every Monday. 8:30 a.m.-4:30 p.m. Stony Brook Union Bi-level. Call Michele Liebowitz to confirm, 632-6514.

Catholic Mass. Noon. Level 5, Chapel, Health Sciences Center. Call 444-2836. Every Monday.

Writers Club Meeting. 2:00 p.m. Poetry Center, Room 239 Humanities. Peer Group Workshop follows (bring 5 copies of your poems for critique). Poetry Series on Video also follows meeting. Free. Call 632-0596. Every Monday.

University Counseling Center Group Shop Workshop, "If a Friend Has a Problem with Alcohol or Other Drugs." (For students only.) 3:30-5:00 p.m. To register, call 632-6715.

Prepared Childbirth Courses. Lamaze refresher course, classes in preparation and Cesarean section birth, newborn care and preparation for breast-feeding. 7:30 - 9:30 p.m. (varies). Preregistration required. Call 444-2729. Every Monday.

APRIL 6

TUESDAY

Department of Psychiatry & Behavioral Science Grand Rounds, Case Conference. 11:00 a.m.-12:30 p.m. Level 2, Lecture Hall 4, Health Sciences Center. Call 4-2988.

Catholic Mass. Noon. Level 5, Chapel, Health Sciences Center. Call 444-2836. Every Tuesday.

University Hospital and the American Cancer Society, "Look Good, Feel Better Program," for women undergoing cancer treatment to develop skills to improve their appearance and their self-image. 1:00-3:00 p.m. 15th Floor, North Conference Room, University Hospital. Free parking; validate at meeting. Call 444-2880.

Protestant Ministries Worship, Meditation: Study & Practice. 4:00-5:00 p.m. Interfaith Lounge, 157 Humanities. Call 632-6563. Every Tuesday.

Prepared Childbirth Courses. Lamaze refresher course, classes in preparation and Cesarean section birth, newborn care and preparation for breast-feeding. 7:30-9:30 p.m. (varies). Preregistration required. Call 444-2729. Every Tuesday.

Stony Brook Fencing Club. 8:00-10:00 p.m. Main arena, Indoor Sports Complex. Call 585-8006. Every Tuesday.

APRIL 7

WEDNESDAY

Department of Pediatrics Grand Rounds, "Acute Rheumatic Fever Revisited," Dr. Rubin Cooper, Cornell University Medical College and North Shore University Hospital. 8:00 a.m. Level 3, Lecture Hall 6, Health Sciences Center. Call 444-2710.

Catholic Mass. Noon. Level 5, Chapel, Health Sciences Center. Call 444-2836. Every Wednesday.

University Hospital Diabetes Support Group. 2:30 p.m. Conference Room 084, 12th Floor, University Hospital. Call 444-1202. Every Wednesday.

Biophysics Faculty Seminar, "Membrane Lipid Phase Behavior and Protein Interactions," Dr. Sol M. Gruner, Princeton University. 4:00 p.m. Room 145, Level 5T, Basic Health Sciences Tower. Call James P. Dilger, 444-3458.

Cystic Fibrosis Support Group. 7:30 p.m. Department of Pediatrics Conference Room, Level T-11, Health Sciences Center. Call 757-5873 or 385-4254.

APRIL 8

THURSDAY

Flea Market. Bargains Galore! This FSA-sponsored market is open every Thursday. 8:30 a.m.-4:30 p.m. Stony Brook Union Bi-level. Call Michele Liebowitz to confirm, 632-6514.

APRIL 12

MONDAY

Classes resume.

APRIL 13

TUESDAY

Department of Psychiatry & Behavioral Science Grand Rounds. Robert Schweitzer, Sagamore Children's Psychiatric Center. 11:00 a.m.-12:30 p.m. Level 2, Lecture Hall 4, Health Sciences Center. Call 4-2988.

Men's Tennis vs. Dowling. 3:30 p.m. Tennis Courts. Call 632-7200.

Baseball vs. Kings Point (Skyline Conference game.) 3:30 p.m. Athletic Fields. Call 632-7200.

The Guild Trio, "In Search of that Exquisite Musical Moment." 5:00 p.m. The Trio members discuss the compositional and interpretive elements behind their favorite passages of the works of Schubert and Mendelssohn. Sponsored by the Institute for Medicine in Contemporary Society. Lecture Hall 2, Health Sciences Center. Call 444-2765.

The Alternative Cinema, Daughters of the Dust (U.S.A., 1991). Director Julie Dash. 7:00 & 9:30 p.m. Stony Brook Union Auditorium. \$2; tickets available at the door. Call 632-6136.

APRIL 14

WEDNESDAY

Prime Time for students (intensive academic advising period). Through April 22.

Department of Pediatrics Grand Rounds, "Pediatric Sleep Disorders: A Pulmonary Approach," Dr. Mary Cataletto, Winthrop University Hospital. (Sponsored by Glaxo.) 8:00 a.m. Level 3, Lecture Hall 6, Health Sciences Center. Call 444-2710.

Documentary, "Gods of Metal" about the armaments industry. 12:45 p.m., Peace Center, Old Chemistry.

University Hospital Sibling Preparation Program. For expectant parents and siblings. 4:00-5:00 p.m. 9th Floor Conference Room, University Hospital. Call 444-2960.

APRIL 15

THURSDAY

Department of English Thursdays at Noon Lecture Series. Fiction Reading, Ellen Pall, Fordham University. The Poetry Center, Room 239, Humanities. Call 632-7400.

Baseball vs. John Jay. 3:30 p.m. Athletic Fields. Call 632-7200.

Authors and Editors Exhibit and Reception. 5:00 p.m. Frank Melville, Jr. Memorial Library Galleria. For further information, call the Office of Conferences and Special Events at 632-6320.



APRIL 16

FRIDAY



Baseball vs. New Paltz (doubleheader). 1:00 p.m. Athletic Fields. Call 632-7200.

The Institute for Medicine in Contemporary Society, Images Working Group. Pursues the various questions that arise in examining the production, use and interpretation of images in our contemporary culture. 4:00 p.m. Radiology Conference Room, Level 4, Room 135, Health Sciences Center. Open to all. Call 444-2765.

Department of Music Colloquium, Ernst Hoetzl, Graz Musikhochschule. Baroque performance practice. 4:15 - 5:30 p.m. Room 3317, Staller Center for the Arts. Call 632-7345.

I-CON XIII SCI FI Gathering 6:00 p.m., til Sat. and Sun. beginning at 10:00 a.m. Indoor sports complex for tickets call 632-6045

C.O.C.A. Film, Alive. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

APRIL 17

SATURDAY

Union Crafts Center Children's Workshop, Drawing Class (ages 7 - 9). 10:15 a.m.-noon; three Saturdays. Landscape drawings using charcoal, pastel and paints; the children will work outside. Union Crafts Center. \$40. Preregistration required. Call 632-6822 or 632-6828.

Union Crafts Center, Bookbinding. 10:30 a.m.-4:00 p.m. Fiber Studio, Stony Brook Union. \$30/students; \$45/non-students. To register, call 632-6822 or 632-6828.

Women's Softball vs. Staten Island (doubleheader). Noon. Athletic Fields. Call 632-7200.

Lacrosse vs. New Hampshire. 1:30 p.m. Patriot Field. Call 632-7200.

C.O.C.A. Film, Alive. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.



Union Crafts Center, Intermediate Kayaking. 7:00-9:00 p.m.; five Saturdays (last session on coastal moving water - TBA). Pool, Indoor Sports Complex. \$195. Materials fee \$20 for book and certificate. To register, call 632-6822 or 632-6828.

Selskaya Ballet Benefit. 8:00 p.m. For location and ticket information, call 862-6925.

APRIL 18

SUNDAY

Baseball vs. Staten Island (doubleheader). Noon. Athletic Fields. Call 632-7200.

Women's Softball vs. New Paltz (doubleheader). 1:00 p.m. Athletic Fields. Call 632-7200.

Lacrosse vs. Princeton. 1:30 p.m. Patriot Field. Call 632-7200.

Selskaya Ballet Benefit. 3:00 p.m. For location and ticket information, call 862-6925.

C.O.C.A. Film, Alive. 7:00 p.m. and 9:30 p.m. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

APRIL 19

MONDAY

Advance Registration for fall semester begins (schedules for undergraduate and graduate students announced prior to registration).

Women's Softball vs. Molloy. 4:00 p.m. Athletic Fields. Call 632-7200.

APRIL 20

TUESDAY

Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Department of Psychiatry & Behavioral Science Grand Rounds. Dr. Harold S. Koplewicz, Schneider Children's Hospital. 11:00 a.m.-12:30 p.m. Level 2, Lecture Hall 4, Health Sciences Center. Call 444-2988.

Men's Tennis vs. Hofstra. 3:30 p.m. Tennis Courts. Call 632-7200.



APRIL 21

WEDNESDAY

Department of Music, Meet the Composer - Charles Wourinen. Studio A, Room 143, Educational Communications Center Free. Call 632-7345.

Department of Pediatrics Grand Rounds, "Literacy Development: The Pediatrician's Role," Dr. Robert Needleman, Boston University. 8:00 a.m. Level 3, Lecture Hall 6, Health Sciences Center. Call 444-2710.

Union Crafts Center Co-op Pottery Sale. 10:00 a.m.-3:00 p.m. Lobby, Stony Brook Union. Call 632-6822 or 632-6828.

Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Center for Biotechnology, Biotechnology Job Fair. 1:00-3:30 p.m. Representatives from 30 companies will be on hand. Alliance Room, Frank Melville, Jr. Memorial Library. Free and open to all. For further information, call Donna Moran, 632-8521.

"Mountains Round About" Exhibit Opening Reception: 7:00 p.m., the Union Gallery, and Slide Talk, "Meaning of Cultural Diversity and Contemporary Israeli Art in the Middle East Reality," Ami Steinitz, Open University of Israel, 8:00 p.m., Room 236, Stony Brook Union. Cosponsored by B'nai B'rith Hillel Foundation and Student Union and Activities. Free. Call 632-6822.

Contemporary Chamber Players. 8:00 p.m. Guest composer Charles Wuorinen. Features the Chamber Concerto for Cello and Ten Players. Studio A, Room 143 Educational Communications Center, Free. Call 632-7330.

APRIL 22

THURSDAY

Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Department of English Thursdays at Noon Lecture Series, "Melodrama," E. Ann Kaplan, director, Humanities Institute. Noon. The Poetry Center, Room 239, Humanities. Call 632-7400.

Career Women's Network Luncheon. Guest speaker: ajanice Conglin, director governmental relations. Noon Stony Brook Union Ballroom. \$7.25/payable in advance. Call 632-6040.

Men's Tennis vs. Mercy. 3:30 p.m. Tennis Courts. Call 632-7200.

Distinguished Lecture Series, Lewis M. Branscomb, "The Clinton-Gore Technology Policy: Where Does University Science Fit In." 4:00 p.m. Alliance Room.

Robert E. Smolker Distinguish Lecture in Conservation. "Global Warming: Risks, Uncertainties, and Appropriate Actions, Dr. Michael Oppenheimer. 8:00 p.m., ESS Lecture Hall. Call 632-8600"

APRIL 23

FRIDAY

Roth Regatta. 4:00-6:00 p.m. Roth Pond. For details, call John Fox, 632-6787.

S.A.I.N.T.S. (Scholastic Achievement Incentives for Non-Traditional Students) Annual Awards Dinner. 7:00 p.m., Stony Brook Union Ballroom. For tickets, call Judith Berhannan, 632-6872, Lucia Rusty, 632-7080, or Sabine Desire, 632-3637.

C.O.C.A. Film, Home Alone II. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.



APRIL 24

SATURDAY

Black Faculty and Staff Association 3rd Annual Basketball Tournament and Dinner Dance. Game: 2:00 p.m., Indoor Sports Complex; Dinner Dance: 6:00-10:30 p.m., American Legion Hall, Christian Avenue, Setauket. \$8. For tickets, call Charles Garrison, 444-3109, or Leslie Smith, 874-2687.

C.O.C.A. Film, Home Alone II. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

Stony Brook Chamber Singers. 8:15 p.m. Kevin Badanes, conductor. Features Josquin's Missa pange lingua (excerpts); Mozart's Alma Dei creatoris; and selected small ensembles of vocal jazz, madrigals, and musical theater. Studio A, Room 143 Education Communications Center, . \$6; senior citizen/student discounts available. Call 632-7230.

APRIL 25

SUNDAY

Union Crafts Center, Introduction to Raku Firing. An ancient Japanese fast firing process done outdoors with gas or wood. 9:30 a.m.-5:00 p.m. South Campus. \$60 (includes clay, glaze and firing of four pieces). To register, call 632-6822 or 632-6828.

Men's Tennis vs. Manhattanville. Noon. Tennis Courts. Call 632-7200.

JS Bach/Mass in B Minor, The Bach Arla Group, the L.I. Masterworks Choir and the Musica Sacra Orchestra, conducted by Richard Westenber. 7:00 p.m. Bach's masterwork for chorus, vocal soloists and orchestra. Ward Melville High School, Old Town Road, East Setauket. \$25; students half price, senior discounts. For tickets, call Staller Center Box Office, 632-7230; for information, call 632-7239.

C.O.C.A. Film, Home Alone II. 7:00 p.m. and 9:30 p.m. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.



APRIL 26

MONDAY

Men's Tennis vs. Old Westbury. 4:00 p.m. Tennis Courts. Call 632-7200.

APRIL 27

TUESDAY

Department of Psychiatry & Behavioral Science Grand Rounds. Dr. William Dubin, Philadelphia Psychiatric Center. 11:00 a.m.-12:30 p.m. Level 2, Lecture Hall 4, Health Sciences Center. Call 44 4-2988.

Baseball vs. Kean. 3:30 p.m. Athletic Fields. Call 632-7200.

Humanities Institute Faculty Colloquium Series, "Albert Camus' Nuptials: Questions of Sexuality," Anthony Rizzuto, associate professor, French and Italian. 4:30 p.m. Humanities Institute, Room E-4340, Frank Melville, Jr. Memorial Library. Call 632-7765.

The Alternative Cinema, Down by Law (U.S.A., 1986). Director Jim Jarmusch. 7:00 & 9:30 p.m. Stony Brook Union Auditorium. \$2; tickets available at the door. Call 632-6136.

Contemporary Chamber Players. 8:00 p.m. New works by Stony Brook composers. Studio A, Room 143, Educational Communications Center. Free.

APRIL 28

WEDNESDAY

Department of Pediatrics Grand Rounds, "Tuberculosis," Dr. Paula Fujiwara, New York City Department of Health, Bureau of TB Control. 8:00 a.m. Level 3, Lecture Hall 6, Health Sciences Center. Call 444-2710.

Faculty/Staff Blood Drive. 8:30 a.m.-2:00 p.m. Indoor Sports Complex. Call Cynthia Pedersen at 632-6136.

University Counseling Center Group Shop Workshop, "Communication 101." Improve interpersonal communication skills. Noon-2:00 p.m. To register, call 632-6715.

University Counseling Center Group Shop Workshop, "Finding the Right Position: Tips for Your Job Search." 3:00-5:00 p.m. To register, call 632-6715.



Men's Tennis vs. Kings Point. 3:30 p.m. Tennis Courts. Call 632-7200.

University Hospital Sibling Preparation Program. For expectant parents and siblings. 4:00-5:00 p.m. 9th Floor Conference Room, University Hospital. Call 444-2960.

APRIL 29

THURSDAY

Department of English Thursdays at Noon Lecture Series, "The Colonial Girls' School and the Anglophone Narrative," Helen Cooper, English. Noon. The Poetry Center, Room 239, Humanities. Call 632-7400.

University Counseling Center Group Shop Workshop, "Feeling Better About Yourself." 3:00-4:30 p.m. To register, call 632-6715.

Women's Softball vs. Montclair State (doubleheader). 3:30 p.m. Athletic Fields. Call 632-7200.

Department of Music Lecture-Demonstration, Electro-Acoustic music, Jonathan Berger, Yale University. 7:00 p.m. For location, call 632-7345.

Department of Theatre Arts, *The Rivals* by Richard B. Sheridan. 8:00 p.m. Theatre 2, Staller Center for the Arts. \$8; \$6/students & seniors. Call 632-7283 or 632-7230.

APRIL 30

FRIDAY

Pride Patrol. Campus Cleanup Day. 9:00 a.m.-3:00 p.m. For locations and details, call the Office of Conferences and Special Events at 632-6320.

Baseball vs. Old Westbury (doubleheader). 3:30 p.m. Athletic Fields. Call 632-7200.

C.O.C.A. Film, *A Few Good Men*. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

Department of Theatre Arts, *The Rivals* by Richard B. Sheridan. 8:00 p.m. Theatre 2, Staller Center for the Arts. \$8; \$6/students & seniors. Call 632-7283 or 632-7230.

Stony Brook Camerata Singers. 8:00 p.m. An all-Italian program conducted by David Lawton. Features Rossini's *Petite messe solenne*; Dallapiccola's *Canti di prigionia*; and selections from Monteverdi's madrigals, Book 8. \$6; senior citizen/student discounts available. Studio A, Room 143, Educational Communications Center.

MAY 1

SATURDAY

Women's Softball vs. Albany (doubleheader). 1:00 p.m. Athletic Fields. Call 632-7200.

Lacrosse vs. U.S. Naval Academy. 2:00 p.m. Patriot Field. Call 632-7200.

C.O.C.A. Film, *A Few Good Men*. 7:00 p.m., 9:30 p.m. and midnight. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

Department of Theatre Arts, *The Rivals* by Richard B. Sheridan. 8:00 p.m. Theatre 2, Staller Center for the Arts. \$8; \$6/students & seniors. Call 632-7283 or 632-7230.

MAY 2

SUNDAY

University Counseling Center Group Shop Workshop, "Understanding and Managing Anxiety." Noon-1:30 p.m. To register, call 632-6715.

Department of Theatre Arts, *The Rivals* by Richard B. Sheridan. 2:00 p.m. Theatre 2, Staller Center for the Arts. \$8; \$6/students & seniors. Call 632-7283 or 632-7230.

C.O.C.A. Film, *A Few Good Men*. 7:00 p.m. and 9:30 p.m. Room 100, Javits Lecture Center. \$1.50; \$1/SBID.

MAY 3

MONDAY

Registration begins for Summer Session with fees payable at time of registration.

Stony Brook Chorale. 8:00 p.m. Roberta Moger, guest conductor. Works for brass, strings, and chorus by Brahms, Kodaly and Verdi. Special guests, the Long Island Brass Guild. \$8; senior citizen/student discounts available. For location, call 632-7230.

MAY 4

TUESDAY

School of Continuing Education, CPA/Enrolled Agents Tax Program, "Tax-Deferred Exchange of Real Property." 9:00 a.m.-12:30 p.m. For fee and registration, call 632-7071.



MARK YOUR CALENDARS

Kick off the summer

by attending the Sixth Annual
Holiday Carnival

on Memorial Day weekend, May
28 through the 31.

Grucci fireworks,
live entertainment, rides,
games and more.

Sponsored by the
University Hospital Auxiliary,

the carnival has become
a summer tradition
and is the
largest fundraising event for

University Hospital.
May Currents will provide
the details.

Department of Psychiatry & Behavioral Science Grand Rounds, "The Behavioral Treatment of Chronic Pain: Medical, psychological and economic effects," Richard Friedman, associate professor, psychiatry. 11:00 a.m.-12:30 p.m. Level 2, Lecture Hall 4, Health Sciences Center. Call 444-2988.

Human Resources Wellness Program, Women's Health Issues. Noon-1:00 p.m. Learn about the preventive strategies and diagnostic tests available. Health Sciences Center, room to be announced. Free. To register, call Carol Manning, 444-2524.

Spring Festival of Chamber Music. 8:00 p.m. For location, call 632-7330. Free.

MAY 5

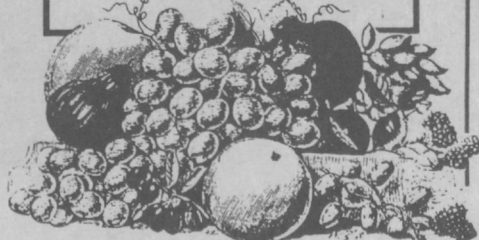
WEDNESDAY

Union Crafts Center Co-op Pottery Sale. 10:00 a.m.-3:00 p.m. Lobby, Stony Brook Union. Call 632-6822 or 632-6828.

Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Women's Softball vs. Southampton. 4:00 p.m. Athletic Fields. Call 632-7200.

Please reserve this special date
May 7
for the
Faculty/staff
Spring Celebration dinner.
Watch for further information
or call Cynthia Pedersen
632-6136



MAY 6

THURSDAY

Union Crafts Center Co-op Pottery Sale. 10:00 a.m.-3:00 p.m. Lobby, Stony Brook Union. Call 632-6822 or 632-6828.

Plant Sale. 10:00 a.m.-4:00 p.m. Lobby, Stony Brook Union.

Department of English Thursdays at Noon Lecture Series, "Revolution and Postmodernity: A Central American Case Study," Roman de la Campa, associate professor and chair, comparative studies. Noon. The Poetry Center, Room 239, Humanities. Call 632-7400.

Spring Festival of Chamber Music. 8:00 p.m. For location, call 632-7330. Free.

University Orchestra. 8:00 p.m. Features Schubert's "Grande March Heroique;" C.M. von Weber's *Hungarian Fantasy* for bassoon and orchestra - Wendy Romano, bassoon; Lehar's "Vilia" from *The Merry Widow*; Gershwin's "Summertime" from *Porgy and Bess*; Siczynski's "Vienna, City of My Dreams"; Herbert's "Italian Street Song" - Rosa Santoro, soprano; and Tchaikovsky's *Symphony No. 5*, opus 64. For location, call 632-7330. Free.

Department of Theatre Arts, *The Rivals* by Richard B. Sheridan. 8:00 p.m. Theatre 2, Staller Center for the Arts. \$8; \$6/students & seniors. Call 632-7283 or 632-7230.



CULTURAL FESTIVAL 1993

MANY NATIONS, MANY CULTURES, TOGETHER ONE WORLD

APRIL

19 Holocaust Commemoration Memorial service to remember the six million Jews who perished in the Holocaust and to commemorate the 50th anniversary of the Warsaw Ghetto Uprising. 7:00 p.m. - 11:00 p.m. Stony Brook Union Auditorium

20 Opening Week Ceremony. 1:00 p.m. - 2:00 p.m. Stony Brook Union Fireside Lounge

21 "Taste of the World" A diversity of foods from around the world, cultural dance performances, Earth Day exhibits, and MUSIC, MUSIC, MUSIC !!!!! 11:00 a.m. - 3:00 p.m. Fine Arts Plaza; Rain Location: Stony Brook Union, Fireside Lounge

21 Asian Heritage Night Show Celebration of Asian heritage; will feature a fashion show and cultural dances. 7:00 - 10:00 p.m. Stony Brook Union Auditorium

22 Outreach Program from Pan Asian Repertory Theater. Combination of five cultural plays in 20 minute skits. discussion will follow. 6:00 - 8:00 p.m. Fannie Brice Theater

22 Third Annual Cultural Extravaganza. Cultural talent show featuring singing, dancing, modeling, cultural skits, and poetry reading. 7:30 p.m., Stony Brook Union, Auditorium

23 Caribbean Day Festival. Cultural festival in the rich spirit of Caribbean heritage: music, dancers, steel band, exotic foods. 11:00 a.m. - 5:00 p.m. Stony Brook Union, Fireside Lounge

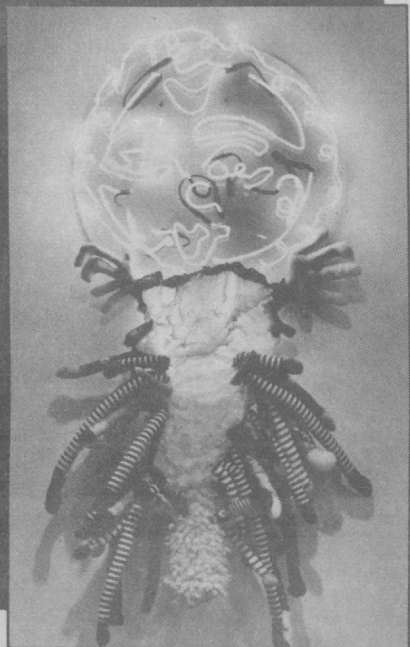
23 Caribbean Cultural Show. Display of Caribbean culture via skits, dance, song, and comedy. 7:00 - 10:00 p.m. Stony Brook Union Auditorium

24 Latin Block Party. BBQ, comedians, dancing. 12:00 - 6:00 p.m. Tabler Cafeteria

25 Caribbean Students BBQ. Caribbean food and music, games. 12:00 p.m. Behind the Indoor Sports Complex

25 Stony Brook Gospel Choir Spring Concert. 4:00 p.m. Location TBA

Neon Art Glows at University Art Gallery



“**C**oncepts with Neon,” an exhibition of 21 works by 10 artists, is on display at the University Art Gallery in the Staller Center for the Arts through Thursday, April 15.

Glowing tubes of neon are usually associated with commercial advertising. In recent years, artists have increasingly begun to use this medium in provocative ways.

Organized by guest curator Richard Leslie, adjunct assistant professor in the Department of Art at SUNY College at Purchase, the show includes dramatically

different interpretations of the rare gas that glows. While Janet Evans and Michael Rocco Pinciotti explore the relationship between light and spirituality, Cathey Billian combines elements of nature, technology and memory. Don Jacobson uses the motion of the gallery visitor to create kinetic light transformation. Christopher Freeman investigates phenomena inherent in the neon.

The installations of Joseph Lewis III address timely issues such as the deadly consequences of HIV, while Robin Kahn and Bill Kane explore the social impact of the use of neon signs in their work. In “Doll,” Cynthia Tecler combines neon with fabric to create a kind of fetish that satirizes the value placed on feminine beauty by our society. Amy Young’s neon halo makes a statement about death and the military.

Although many events at the Staller Center have been cancelled due to a recent water main break, the gallery was not affected by the flood and will continue to maintain its regular hours: Tuesday through Friday, noon to 4 p.m., and Saturday, 5 p.m. to 8 p.m. The gallery is free and open to the public. For additional information, call 632-7240.

Images of Jerusalem in Recent Art from Israel



“Mountains Around About” focuses on the city and setting of Jerusalem

Mrs. Malaprop and *The Rivals* Coming to Staller Stage

Stony Brook Theatre will present Richard B. Sheridan’s timeless comedy of manners, *The Rivals*, later this month and in early May.

Directed by Theatre Arts Assistant Professor John Cameron, *The Rivals* tells a story of romantic entanglements and intrigues. This is the play that brought Mrs. Malaprop (and her “malapropisms”) into the world. The story deals with the courtship of the lovely Lydia Languish by Captain Absolute, disguised as a lowly ensign.

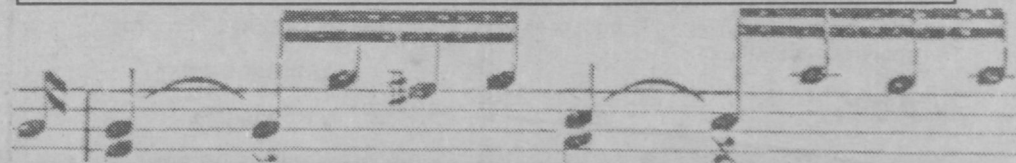
Stony Brook’s production will combine comedy of manners and farce with staging, acting and costumes authentic to the period when the play was first produced in the 1770s in England.

Performances will be held Thursday, April 29, through Saturday, May 1, and Thursday, May 6, through Saturday, May 8, at 8 p.m. Additional performances will be given on Sunday, May 2, and Sunday, May 9, at 2 p.m.



Deborah Mayo, starring in *The Rivals* this month

All performances will be in Theatre Two of the Staller Center for the Arts. Tickets are \$8; \$6 for senior citizens and students. Tickets are available at the Staller Center Box Office, 516-632-7230.



Bach’s B Minor Mass to Be Performed this Month

The Bach Aria Group of the University at Stony Brook, together with the Long Island Masterworks Chorus and the Musica Sacra Orchestra conducted by Richard Westenberg, will present Bach’s Mass in B Minor in concert on Sunday, April 25, at 7 p.m.

The B Minor Mass, a masterwork for chorus, vocal soloists and orchestra, is generally regarded as the spiritual summit of baroque oratorio. The Mass contains some of the most powerful and moving music ever written, concluding with a profound prayer for world peace.

Because of flood damage to the Staller Center for the Arts, the concert will be held at Ward Melville High School in East Setauket.

Ward Melville High School is on Old Town

Road, north of Route 347 (Nesconset Highway). Take LIE to exit 62 north (Nicolls Road), then go east on Route 347 and north on Old Town Road.

All tickets are \$25. Proceeds from the concert will benefit the Bach Aria Festival and Institute Fellowship Program. Call the Staller Center Box Office at 632-7230, for tickets. For additional information, call the Bach Aria Festival and Institute at 632-7239.

“**M**ountains Around About: Jerusalem in Israeli Print-making from the ‘70s and ‘80s,” will be shown at the Union Art Gallery from Monday, April 19, through Friday, April 30.

“Mountains Around About” focuses on the city and setting of Jerusalem, and each of the 16 artists included in the show offers a different vision of Israel’s spiritual and political center. The exhibition is part of the university’s celebration of the diversity of cultures during the month of April.

Israeli art historian Ami Steinitz will present a slide lecture, free and open to the public, on “The Meaning of Cultural Diversity and Contemporary Israeli Art in

the Middle Eastern Reality,” Wednesday, April 21, at 8 p.m. in Room 326 of the Stony Brook Union. Steinitz, director of, and instructor in the program of art and technology at the Open University in Israel, has curated many art exhibitions throughout the world. His talk will follow an opening reception at 7 p.m.

This exhibition is cosponsored by the B’nai B’rith Hillel Foundation and the Department of Student Union and Activities. The Union Art Gallery, on the second floor of the Stony Brook Union, is open Monday through Friday, noon to 4 p.m. For additional information, call 516-632-6822.