

CAMPUS CURRENTS

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STATE UNIVERSITY OF NEW YORK AT STONY BROOK

Sept. 30, 1985

Parking Changes to Occur on Campus

By Sue Risoli

New parking structures and temporary parking areas are among the changes to affect availability of parking on campus, according to vice president for campus operations Robert A. Francis.

Most of the changes involve the Health Sciences Center, where employees have held a number of meetings and recently staged a rally to voice their concerns.

The changes, said Francis, will include the following:

- A shuttle bus to carry employees from South P-lot to the front of the Hospital will begin operation on Oct. 1 at 5:30 a.m. There will be no charge for the bus.

- Before the start of the spring semester, a 300-car temporary lot will be opened in the grassy area across Loop Road from HSC. Hanging parking tags (of the kind that were sold prior to the inception of the key card system) will be required to park in this area. Enforcement will begin Oct. 1.

- Hanging tags were scheduled to go on sale Sept. 26 for parking along HSC roadways.

- Funds for a third parking garage at HSC, to be built on existing surface parking lots, will be requested in the 1986-87 budget. Designing of that facility will begin after April 1, 1986 if the funds are appropriated.

- At the request of University President John H. Marburger, Francis has asked the New York State Dormitory Authority to place a ceiling (3,400) on the number of permits to be sold in HSC and Hospital garages. (There is currently a ceiling of 1,025 permits in the administration building garage.) This will be done, said Francis, "to guarantee that all permit holders, patients and visitors to the hospital will have a space to park." He added, "There are 2,500 spaces in these areas. We will sell the extra permits to account for the various shifts worked by employees who park there."

Francis said that "State University officials, representatives of the New York State Division of Budget and members of the New York State legislature have

agreed to make construction of additional garage space at the Health Sciences Center a top priority." New York State Senator Kenneth LaValle (R—Centereach) said that his office would organize a meeting between SUNY Central officials and Stony Brook representatives "to talk about the many problems associated with parking at Stony Brook. I've asked Chancellor Wharton to identify who from SUNY can best respond to those issues," he said. The meeting, to be held sometime within the next several weeks, will include discussion of such issues as parking fees, management of the campus parking garages and maintaining security for the garages. Though the meeting has not yet been scheduled, it probably will take place on campus.

Changes also will occur on the main campus. Francis indicated that 250 free parking spaces would be lost from the gymnasium parking lot when the University's fieldhouse is completed. However, he said, a request will be made in the 1986-87 budget to build another parking garage on main campus (that garage probably would be located near the Mathematics and Earth and Space Sciences Buildings).

"Our campus land use policy prevents us from devoting any more space to surface lots. So we will have to build up, on an existing lot," he said. Also under consideration, Francis indicated, is a payroll deduction plan through which employees could pay for parking. However, he was not certain when it could be initiated.

"It probably will be next year, but it will take some time," he speculated. "We have to get permission from the state comptroller, and there are many other steps involved."

William Weisner, president of United University Professions (UUP) said that "none of these parking changes can take place contractually anyway until the administration speaks with the union."

The UUP is opposed to the existence of any parking fee on campus, he added. "Because we work on Long Island, our net salaries are lower than those of other employees throughout the state

because we have the highest cost of living," he said. "It is unfair to ask employees to pay. I think the administration has manufactured a problem so that they can charge employees a repressive tax."

Charles Sclafani, president of the Stony Brook Chapter of the Civil Service Employees Association, said that his union was planning to hold a negotiating session with the University on a variety of parking issues. He was not certain when the session would take place.

Where Do My Parking Fees Go?

The following are some frequently asked questions (and answers) regarding parking at Stony Brook:

Where do my parking fees go?

The fees pay for the construction of the garages and for their operating expenses. The garages are budgeted to "break even"—they do not make a profit.

Vice President Francis noted, "no taxpayer money was used to build the garages. Bonds were sold to private investors to pay for their construction originally and we are defraying that bonded indebtedness."

Who owns the garages?

The garages are owned by the Dormitory Authority of the State of New York, which hires a contractor to operate them. The Meyers Corporation currently holds this contract.

Who establishes parking policy at Stony Brook?

Policies for the garages are set by the Dormitory Authority. However, said Francis, "the campus administration influences those policies as much as possible. We tell them what we want to do and why, but they have the final say."

Parking policy for surface lots is set by the administration in conjunction with the various bargaining units on campus, said Francis. The administration also is advised on parking matters by the campus environment committee of the University Senate. The committee is made up of 13 members—faculty, librarians, non-teaching professionals and students. Undergraduate students are appointed to serve on the committee by Polity, and the Graduate Student Organization appoints its own graduate student representatives (currently, there are no students on the committee).

Faculty and staff committee members are elected by the University Senate. One of the committee's contributions was the formulation of the campus land use policy (referred to in the accompanying story) in conjunction with Francis and University President John H. Marburger (the policy was approved by the Stony Brook Council, the University's local governing board). The land use policy was printed in the June 3 issue of *Campus Currents* (Vol. 1, No.5).

Now that the card entry system has been established for those who already park in the garages, how will new garage parkers get permits?

Those who wish to become cardholders will be placed on a waiting list. As garage parkers surrender their cards, prospective cardholders will move up on the list.

I've paid my \$15. Why can't I find a space in the garage?

The administration "now can guarantee, as a practical matter, that you will find a space because of the ceilings imposed," said Francis. "But there are some days when a large number of visitors park here—for instance, when some conferences are held—and that makes parking spaces more difficult to come by."

Biotech Center To Hold Conference On Oct. 11

By Ellen Barohn

As medical biotechnology advances, the relationships between research institutions and the health care and venture industries also are advancing. Innovations in research bring the investor excellent opportunities and the investor brings the researcher funding to continue his or her research.

Toward this end, Stony Brook's Center for Biotechnology and CW Group, a Manhattan venture capital organization, are co-sponsoring a conference on Academic Entrepreneurship.

The October 11 conference will bring to Stony Brook representatives from the nation's top health care and venture corporations.

Dr. Richard K. Koehn, Director of the Center for Biotechnology, said that at the conference faculty members "representing major program areas on the campus will talk about areas of research being done at Stony Brook and about the market potential of this research."

"The conference," he said, "will provide equal access and information to all interested corporations."

Faculty participating in the conference include Dr. Eckard Wimmer, Chairperson, Department of Microbiology; Dr. Israel Kleinberg, Chairperson, Department of Oral Biology and Pathology; Dr. Masayori Inouye, Chairperson, Department of Biochemistry; Dr. Fritz Henn, Chairperson, Department of Psychiatry; Dr. Arthur Grollman, Chairperson, Department of Pharmacology; Allen Kaplan, M.D., Professor of Medicine, Immunology Division; Dr. Joseph Dyro, Director, Biomedical Engineering; Lloyd Marks, M.D., assistant professor of medicine/pediatrics; Harry Soroff, M.D., Chairperson, Department of Surgery; and Dr. Robert Schneider, Associate Vice Provost for Research.

SUNY Votes for Divestiture

The SUNY Board of Trustees voted September 24 to divest all its holdings in companies that do business with South Africa, reversing a Board decision made last April.

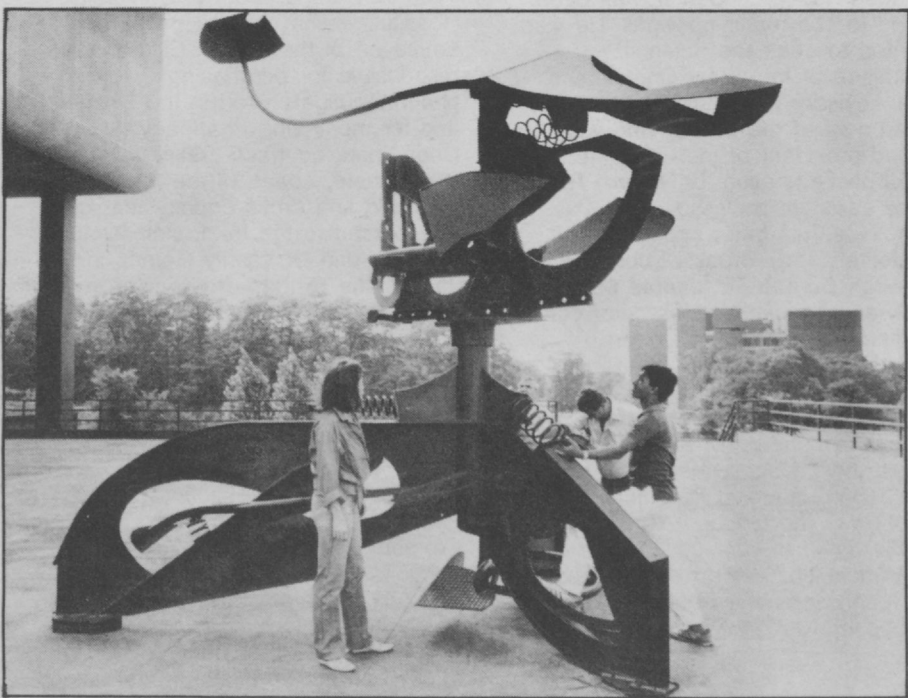
The resolution, which passed 9-4, means the divestiture of \$11.5 million in holdings in 13 companies. The holdings to be divested represent about 12 percent of the stock value of SUNY's endowment.

SUNY divestiture was one of the rallying cries of students demonstrating at Stony Brook and the SUNY offices in Albany last spring. At that time, Stony Brook President John H. Marburger spoke out urging the SUNY trustees to support divestiture.

Free Cancer Screening Oct. 5 at University Hospital

The University Hospital Auxiliary, in cooperation with the American Cancer Society, will sponsor a free cancer screening program Saturday, Oct. 5, at University Hospital.

The screening, to take place from 9 a.m. to 4 p.m., will be for bladder, colorectal, kidney and prostate cancer. Appointments may be scheduled now by calling 124 (444 off campus)-1914 between 10 a.m. and 3 p.m.



It may be called "Flipper," but the sculpture that recently took up residence at the Health Sciences Center bears little resemblance to the dolphin featured in a television series years ago. However, creator Jon Esser (a former Stony Brook student) thinks this 16-by-12-foot steel sculpture captures the spirit of the lively TV star. His "Flipper" reacts with the wind and "interacts with people as an inviting, playful piece," says Esser. Small, movable parts that extend beyond the main body of the sculpture were dubbed "flippers" by the sculptor, and the nickname stuck. Esser recalls the support of the Department of Art and, specifically, faculty member James Kleege (now an associate professor emeritus with the department) during the "birth" and development of the sculpture. "Flipper" occupies the third floor terrace of the HSC, where it was moved after spending two years at the Fine Arts Center.



Astronomy Series Opens with 'Search for Life'

Stony Brook's 1985-86 series of public astronomy programs will open Oct. 4 with a lecture on "The Search for Life in the Universe."

Dr. Tobias Owen, professor of astronomy in the University's Department of Earth and Space Sciences (ESS), will give the lecture at 8 p.m. Friday, Oct. 4, in Lecture Hall 001 in the ESS Building.

Dr. Owen is a member of the NASA Voyager Imaging Team and an interdisciplinary scientist and team member on the Galileo Project. His research is concentrated on studies of the solar system. The search for extraterrestrial intelligence, Dr. Owen's Oct. 4 subject, "is on the threshold of becoming a respectable scientific activity," he said.

Also scheduled this fall are lectures by Dr. Amos Yahil, Nov. 1, on nearby galaxies, and Dr. Roger Knacke, on Dec. 6, on Halley's comet. The spring series will continue on the first Friday of each month, February through May.

All sessions are followed, weather permitting, by viewing sessions with the University's small telescopes. The Museum of Long Island Natural Sciences and the ESS Library, both in the ESS Building, will be open to the public each evening of the Astronomy Open House Nights series.

For information, call (24)6-4048 or (24)6-7670.

Mail Room Moves

The Main Campus Mail and Messenger Service has moved from Suffolk Hall on the South Campus to quarters in the newly rebuilt section of the Commissary Building in the service complex of buildings adjacent to the Gymnasium parking lot.

"The movement of the mail service to a location nearer the center of campus should improve user access," said Richard A. Wueste, director of General Institutional Services.

Robert Haig, supervisor of the service, can still be reached at (24)6-5118.

Central Receiving is also expected to move to the Commissary Building in coming months.

Revised List of New Faculty

Numerous errors and a few omissions in the list printed in the last issue of *Currents* have prompted the printing of this revised list of new full-time faculty.

Main Campus

Africana Studies: Palangadan Kunhikannan, assistant professor.

Anthropology: Lawrence Martin, assistant professor; Alex Weingrod, visiting professor of anthropology and sociology.

Applied Math: Rabah Amir, assistant professor; Hung Chen, assistant professor; Pradeep Dubey, professor; Chi Ming Ip, visiting assistant professor.

Art: Yee Jan Bao, assistant professor; Michi Itami, assistant professor; Molly Mason, assistant professor.

Center for Science, Mathematics and Technology: Melanie Barron, assistant professor.

Chemistry: Stephen Rokita, assistant professor.

Computer Science: Arie Kaufman, visiting associate professor; Grace Leahy, lecturer; Eliezer Lozinskii, visiting associate professor.

Earth and Space Sciences: Arthur R. Rivolo, visiting assistant professor.

Ecology and Evolution: William Ash, visiting professor; Jessica Gurevitch, assistant professor; Charles Janson, assistant professor.

Economics: James Brown, assistant professor; Boyan Jovanovic, visiting professor; Theresa Garcia-Mila, lecturer.

Electrical Engineering: Hon-Son Don, assistant professor.

French and Italian: Angelica Forti-Lewis, assistant professor.

Library: Jon Hufford, assistant librarian; Christine King, assistant librarian; Virginia Rasbold, assistant librarian.

Linguistics: Daniel Finer, assistant professor.

Marine Sciences Research Center: Howard G. Levine, research associate.

Mathematics: Lenore Frank, lecturer; Mikhail Katz, assistant professor; Janos Pach, visiting associate professor; Santiago Simanca, assistant professor; Eugene Vinegrad, lecturer.

Mechanical Engineering: Moez Mayourian, assistant professor.

Music: Timothy Eddy, professor; Julius Levine, professor; Judith Lochhead, assistant professor; Edward MacLary, assistant professor; Amy Rubin, lecturer; Arthur Weisberg, performing arts professor.

Philosophy: Anthony Weston, assistant professor.

Physical Education: Susan Ryan, lecturer.

Physics: Michael Rijssenbeek, assistant professor; Johanna Stachel, assistant professor.

Institute for Theoretical Physics: Peter Forrester, research associate; Andrew Jackson, research associate; James G. McCarthy, research associate; Ismail Zahed, research associate.

Political Science: Evelyn Brodtkin, assistant professor; Charles Cameron, lecturer.

Psychology: Jo Ellen H. Vespo, visiting assistant professor.

Social Sciences: George E. Fouran, assistant professor; Joan Kuchner, lecturer.

Sociology: Karen Cerulo, assistant professor; David Halle, assistant professor; Eviatar Zerubavel, professor.

Theatre Arts: Vivian Matalon, visiting professor; Caryl Rowe, assistant professor.

W.A. Harriman College for Policy Analysis and Public Management: Gerrit Wolf, dean and professor.

Look at Landscapes through SB, Museums

Eight Tuesday evening talks, covering Long Island landscape as seen by artists and historians past and present, are being co-sponsored by The Museums at Stony Brook and the University's Center for Continuing Education.

The series, "Looking at Long Island Landscapes," will be given Oct. 15 through Dec. 3. The public's fee is \$5 for each program, or \$35 for the series. Registration deadline is Oct. 11; a \$5 late fee will be charged after that.

Teachers who attend the series are eligible for one in-service credit. The registration deadline is Oct. 7 and the fee is \$50.

A summary of speakers follows:

Oct. 15—"Introduction to a Painter's Paradise," Deborah Johnson (assistant curator, arts and archives, Museums at Stony Brook).

Oct. 22—"The Natural Origins of Long Island's Landscape," Steven Englebright (director, Long Island Museum of Natural Sciences).

Oct. 29—"Long Island's Upland as Revealed in 19th Century Artistic and Literary Sources," Frank Turano (Dept. of Ecology and Evolution).

KUDOS

Vicki Lynn Seltzer, M.D., associate professor of obstetrics and gynecology, has been awarded the National Council of Women's 1985 Award in Medicine as a "Young Woman Achiever." Dr. Seltzer was cited as one of only a few women in the nation to be in charge of a department of obstetrics and gynecology. She heads that department at the Queens Hospital Center affiliation of Long Island Jewish Medical Center...Dr. **William leNoble**, professor of chemistry, has been selected to receive the Alexander von Humboldt Fellowship for Senior U.S. Scientists. The Fellowship is sponsored by the Humboldt Foundation, a nationally funded German organization that promotes contact between international scientists. Dr. leNoble's work has been in the field of organic chemistry...Dr. **Herbert Herman**, professor of materials science and engineering, has been named a Fellow of the American Society of Metals. Dr. Herman received this honor for his work in the field of plasma spraying, a technique to prevent metals from melting at high temperatures...Dr. **Jerry R. Schubel**, dean of the Marine Sciences Research Center, has been named to two major positions. He was selected to chair the Scientific Committee of the Outer Continental Shelf Advisory Board of the U.S. Department of the Interior and was elected president of the Estuarine Research Federation...Dr. **Glenn H. Yago**, assistant professor of economics, has been appointed director of Stony Brook's Economic Research Bureau...Dr. **James M. Lattimer**, associate professor of earth and space sciences, has been selected as the recipient of the 1985-86 Ernest F. Fullam Award of the Dudley Observatory, Schenectady, NY. The award consists of \$6,000 to be applied toward his research project, titled "The Grain and Chemical Evolution of the Galaxy"...**George A. Boykin**, chief morphologist in the Department of Anatomical Sciences in the Health Sciences Center, has been honored by two groups for

Nov. 5—"Dynamics of Long Island's Beach Environment in the 19th Century," Frank Turano.

Nov. 12—"Reading the Volume of Nature: William Sidney Mount and Rural Long Island," Dr. Lloyd Becker (Dept. of English, Suffolk County Community College).

Nov. 19—"Garden Statuary on Long Island Estates," Michele Bogart (Dept. of Art).

Nov. 26—"Photographic Variations on the Landscape Theme," Harvey Weber (former *Newsday* director of photography).

Dec. 3—"Long Island Landscapes: One Artist's View," Joseph Reboli, painter.

The Oct. 15 lecture will be held at the Art Museum of The Museums at Stony Brook. All other lectures in the series will be held in Room S-328 in the Social and Behavioral Sciences Building on campus.

For more information on the series, call the Museums at 751-0066.

Teachers seeking information on the in-service credit may call the University's Center for Continuing Education at (24)6-6559.

humanitarianism and medical contributions that help in research on how to help children grow. Boykin was given the Brookhaven Town Youth Bureau Volunteer Award and a certificate from the Irving Hart Post No. 1766 American Legion for his work with the National Hormone and Pituitary Program in Baltimore...**Allen Willner, M.D.**, assistant professor of clinical psychology, has been elected to chair the Board of Directors, Nassau Chapter of the American Heart Association for 1985-86...**John P. Joyce**, director of the Office of Financial Aid and Student Employment, has been elected to a two-year term as representative of Region 7 on the Executive Board of the New York State Financial Aid Administrators Association. Region 7 covers the colleges and universities of Long Island...**Phyllis R. Garant, D.D.S.**, dean of the School of Dental Medicine, has received a Distinguished Alumnus Award from the Harvard School of Dental Medicine. Dr. Garant, a 1965 graduate of Harvard, was cited as "a renowned investigator, outstanding teacher and administrator" and for having "a shaping role in the development of a sister dental school" at Stony Brook...**Robert Clifton**, assistant materials manager in the Pharmacy Department of University Hospital, was a recent Hospital Employee of the Month. Clifton is responsible for purchasing pharmaceuticals used in the Hospital and for monitoring Pharmacy department contracts...**Gary Westerfield**, coach of the men's track and field and cross country teams, was named to the track staff for the recent World University Games in Japan. The Games are second in size and scope to the Olympic Games...**Angel Campos**, associate dean and clinical associate professor in the School of Social Welfare, and **Carmen Vazquez**, assistant director of the Division of Stony Brook Union and Activities, recently completed a year's participation in the Hispanic Leadership Fellows Program. The Program develops and upgrades the administrative skills of Hispanic faculty and administrators...Dr. **Paul C. Lauterbur**, University Professor, was one of six scientists honored with the 1985 Gairdner Foundation International Awards. Dr. Lauterbur also was selected as the recipient of the City College of New York Alumni Association's Scientific Achievement Award.

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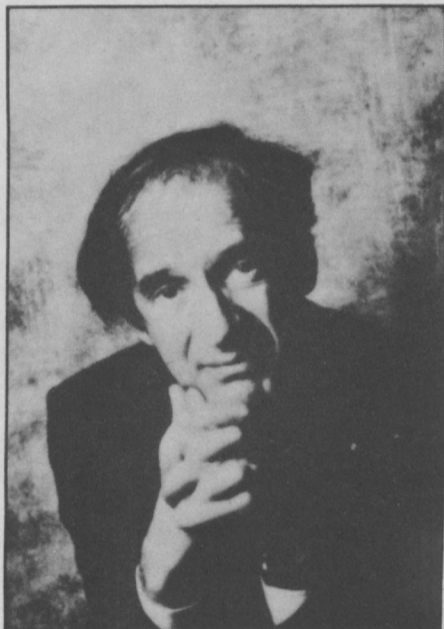
Elie Wiesel, Julian Bond to Lecture

Distinguished Lecture Series Speakers to Include Umberto Eco, Abram Chayes, Helen Caldicott, Peter Gay

By Alvin F. Oickle

A half-dozen international figures—including Elie Wiesel, Julian Bond and Italian novelist Umberto Eco—will speak during the fourth annual University Distinguished Lecture Series this academic year.

Dr. Eco, author of *The Name of the Rose*, will give the opening lecture Oct. 8 at Stony Brook's Fine Arts Center Recital Hall. He will be followed on Oct. 15 by Elie Wiesel, who has achieved international recognition for his novels and essays dealing with the Nazi extermination of 6 million Jews, and on Nov. 18 by Julian Bond, civil rights leader and



Elie Wiesel

Georgia state senator who many consider to be a potential candidate for U.S. president or vice president.

Scheduled for spring lectures are Abram Chayes, March 5; and Helen Caldicott and Peter Gay, in April.

Provost Homer Neal, whose office sponsors the Lecture Series, said: "Students and faculty should have regular opportunities to come in contact with renowned scholars, artists and public officials. I extend to each of you a special invitation to join us for each lecture."

All lectures will be at 8 p.m. in the Fine Arts Center Recital Hall. They will be free and open to the public. Receptions for the speakers will follow. WUSB/FM 90.1 will record all speakers for tape-delay broadcast throughout the academic year.

The full schedule follows:

Fall—Oct. 8: Umberto Eco, novelist and professor of semiotics, University of Bologna, speaking on "Reflections on 'The Name of the Rose.'"

Oct. 15: Elie Wiesel, Andrew Mellon Professor of Humanities, Boston University, and chair, U.S. Holocaust Memorial Council, speaking on "A Jew Today: The Jewish and Human Condition."

Nov. 18: Senator Julian Bond (D-GA), president emeritus, Southern Poverty Law Center, speaking on "American Responses to the Crisis in South Africa."

Spring—April 5: Abram Chayes, Felix Frankfurter, professor of Law, Harvard University, former legal adviser, U.S. Department of State, speaking on "Nicaragua, the U.S. and the World Court."

April 22: Dr. Helen Caldicott, founder of Physicians for Social Responsibility, speaking on "The Threat of Nuclear War."

April (date to be announced): Peter Gay, Sterling Professor of History, Yale University (topic to be announced).

SB Helping Children with Expressive Language Delay

By Alvin F. Oickle

Children who have only a few words in their vocabularies but who seem to understand full sentences may have a condition called expressive language delay.

Dr. Grover Whitehurst, professor of psychology, and Dr. Janet Fischel, assistant professor of pediatrics, have received a three-year grant from the National Institute of Child Health and Human Development for research on their assessment and therapy program for these otherwise normal, two- and three-year-old children.

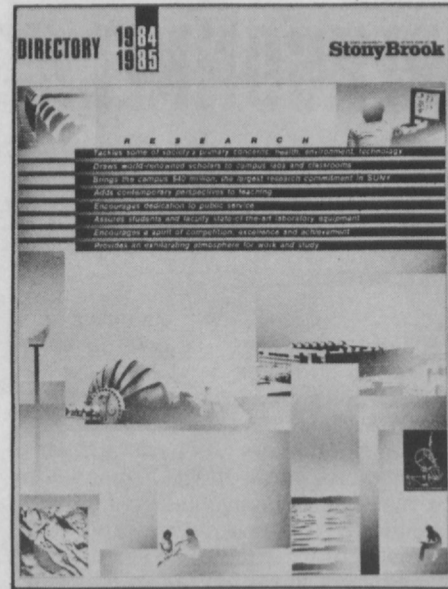
Dr. Whitehurst said the grant (approximately \$200,000) will allow a full-scale implementation and testing of the program which is already in progress at University Hospital's outpatient clinic.

Dr. Fischel said, "We are very excited about the opportunity that the grant will provide to see larger numbers of children. There are at least several hundred children in Suffolk County who have this problem and we want to encourage their parents to contact us."

Based on parents' descriptions of their verbal abilities, children who seem to have expressive language delay receive a thorough assessment at the outpatient clinic. Results of that assessment are shared with the parents.

Children who join the therapy program will make several visits to the clinic with their parents over a period of 12 weeks. During these visits, parents will be trained to help the children learn to talk at home.

For more information, call Dr. Whitehurst at (24)6-7630.



Cover Honored. The University's 1984-85 telephone directory cover was chosen from among 25,689 entries to appear in *Print magazine's* just-issued Regional Design Annual 1985. It was one of very few non-full-color publications to achieve this honor. Thomas Giacalone, designer in HSC's Medical Illustration and Graphics Department, created the cover working with an idea and copy from Ralph Chamberlin, director of publications. (Giacalone also has been involved in the development of *Campus Currents*' "look.") The directory cover highlighted research, one of the three missions of the University. The campus' 1985-86 directory, due back from the printer in early November, will feature a cover (again designed by Giacalone) based on the teaching-learning role of the University.

Men's Soccer Team Shoots for Championship Play

By Steve Kahn

Stony Brook soccer is looking up this fall.

The Stony Brook Patriots will be playing against tough opponents, but the team boasts enough talent to make a serious run for its first National Collegiate Athletic Association (NCAA) tournament in its 23 years.

Coach Shawn McDonald, in his fourth season, has compiled a 31-27-10 won-lost-tied record at Stony Brook.

Because of a major athletic field rehabilitation project, all Saturday home games will be played on the soccer field at Suffolk County Community College in Selden.

Those who play for Coach McDonald must have the ability to lead, a dedication to the game and proper techniques, especially ball control and passing ability, says the coach. McDonald requires a two-way style of play, even of offensive players.

The coach's optimism for this fall is based on a healthy list of 16 veterans, six of them seniors, and a promising group of recruits. The offense is led by junior Roy Richards, a graduate of Westbury High School and Stony Brook's Most Improved Player in 1984. He was named to the Suburban Intercollegiate Soccer Conference All-Star team. Richards, a consistent scorer and playmaker, is cocaptain along with Paul Nasta, a catalyst for the Patriots' defense.

Senior Mark Ashman, a graduate of Walton High School in New York City, was fourth in team scoring in 1984 and is considered by Coach McDonald as "a very explosive offensive winger."

The Patriots' defense is stable and strong. Cocaptain Nasta, on the starting team for four years, was chosen all-Conference first-team in 1982. In 1984 he won the award as the Patriots' Most Valuable Player. And Senior Mike Skotzko, from Goshen High School, brings three years' experience as a sweeper.

Newcomers include Chris Gonzalez, a 1984 all-Suffolk County all-star selection at Ward Melville High School in Setauket, and Robert Kissell, the all-time leading scorer for Jericho High School.

BRIEFS

Is Jealousy an Emotion Or an Attitude?

The research literature on sexual jealousy is extensive and most of it is based on the theory that jealousy is an emotion. Dr. Robert Hawkins, Jr., associate dean of Stony Brook's School of Allied Health Professions, is filling a gap in that literature—and challenging that theory—in a book he is preparing.

"I am arguing that jealousy is an attitude, and attitudes are learned," Dr. Hawkins said. "The emotions that we feel when we are what we call 'jealous'—anger is one, fear is another—are already there and have names. By putting the label 'jealousy' on them we legitimize the erroneous acceptance of an attitude as an emotion. There is a major difference: We can control our attitudes. We cannot control our emotions."

Dr. Hawkins said that he agrees with Rene Descartes' assertion that among the roots of jealousy are possession and dependency. "And these are also the roots of slavery. You say 'my wife' or 'my husband.' The possession in those expressions does sometimes include a notion almost of slavery. The possession of someone says essentially that 'I have the right to you and no one else has the right to you.'"

Workshop Focuses on Pinpointing Radiation Accuracy

One of the dilemmas of radiation therapy is how to sterilize tumorous tissue without harming nearby tissues and organs that are healthy. A "brainstorming" workshop to suggest such areas of research to the National Cancer Institute (NCI) was held Sept. 10-11 at the University's School of Medicine.

Lawrence E. Reinstein, M.D., associate professor of the Department of Radiation Oncology and chief of the

Division of Medical Physics, organized the NCI-funded workshop. Dr. Reinstein said the workshop focused on geometric accuracy in radiation therapy.

"Geometric accuracy," Dr. Reinstein said, "is the method of sterilizing tumorous tissue in a specific region without radiating healthy tissue and organs. Radiation therapy must be done with an accuracy of millimeters and patients often receive radiation treatment for 25 or 30 days. We are trying to improve our accuracy, improve methods of immobilizing patients and improve our verification of the results of the therapy."

Allen G. Meek, M.D., who chairs the Department of Radiation Oncology, and representatives from universities and treatment centers nationwide were among the participants.

SB Names Yeats Collection Archivist

Arthur F. Sniffin has been appointed archivist for the William Butler Yeats Microfilmed Manuscripts Collection in the Department of Special Collections, in the University's Frank Melville, Jr. Memorial Library. He will be responsible for the processing and cataloging of the unique collection of more than 80,000 pages of manuscripts and letters of the Irish playwright and poet.

Sniffin is a member of the New York State Historical Documents Inventory Advisory Committee, vice chair of the Coalition for New York's Documentary Heritage and a board member of the Long Island Archives Conference. In addition, he is president of the Federation of Genealogical Societies and lectures nationally and locally on historical, archival and family history matters. Sniffin also teaches a family history course at the Huntington Historical

Society, the Suffolk Historical Society and Hofstra University.

Sniffin assisted with work on the Jacob K. Javits Collection at Stony Brook this past summer.

SB Swimmer Earns Academic All-America Honor

Stony Brook swimmer Bjorn Hansen has been named to the 1985 College Swimming Coaches Association of America All-America team.

To qualify, the student-athlete must have a cumulative grade-point average of 3.5 (on a 4.0 scale) and must have qualified as a full-time student to participate at the National Collegiate Athletic Association swimming and diving championships.

Hansen, a graduate student in applied math, was one of 21 Division III athletes chosen nationally and one of 79 from all three divisions. He completed his undergraduate work in three years with a grade average above 3.8 and maintained a 3.84 average for the spring semester.

Hansen was a three-time All-America swimmer as an undergraduate.

SB Recognized by Peterson's

Peterson's Competitive Colleges, a guide offering comparative data on 316 "competitive" colleges and universities, has again included Stony Brook among its listings.

The guide judges an institution to be "competitive" by examining such data as application-to-acceptance ratio, freshman SAT and ACT scores and freshman high school class rankings.

Together with the country's 32 art and music schools that have highly selective acceptance rates, the 316 colleges and universities included in *Peterson's* guide represent approximately 10 percent of all institutions of higher education in this country.

PERSONNEL *IZED*

Brought to you by the Department of Human Resources

"Success Breeds Success"

"Nothing succeeds like success." A little success makes us want to do more, to do better. If we perceive that we are doing well, we will indeed tend to do better.

In an experiment, behavioral science researchers gave adults 10 puzzles to solve. The adults worked on the puzzles and turned them in after a designated time lapse. Researchers told half of the exam takers that they had done well ("seven out of 10 of your answers are correct.") To the other half, the researchers said, "You have done poorly. Seven out of 10 of your answers are wrong."

However, the researchers had not told the truth. Both groups had about the same success. But in later trials, the half that had been told they did well actually did improve their performance. And the group that had been told they had done poorly did worse in later trials.

Of course, it is not suggested that you deceive your people about the results of their efforts. But it is suggested that you emphasize the positive. Try to find things they have done well and let them know about it. Stress the successes; play down the failures.

Is There Health Insurance After Retirement?

Employees who retire from Stony Brook and who meet the eligibility requirements for this benefit, will continue in the State Health Insurance program during retirement years. The eligibility requirements for this benefit are:

- You must be 55 years or older when you retire from State service and you must be enrolled in a health insurance plan at the time of retirement, and
- You must have completed at least ten years of full-time State service (this service can be combined with the State and one or more participating agencies that participate in the State Health Insurance Plan).

The cost of your health insurance plan will be the same amount that is paid by an active employee. The State will continue paying the major portion of the cost of your health insurance plan. If you have unused sick leave upon retirement, this unused sick leave will be converted into a dollar amount. The dollar value of your unused sick leave credits is reported to the Employee Insurance Section.

This total dollar value is then broken down into monthly sums, which are actuarially determined according to your life expectancy. These monthly sums are applied toward payment of your health insurance premium. If the value of your unused sick leave is not enough to pay the cost of the premium, you pay the balance.

If you have questions on health insurance in retirement, please call Elizabeth Bodkin at 124(444) off campus)-2518 or Irene Malone (Human Resources Benefits Manager) at (24)6-8304.

New Department Chairs

New department chairpeople and program directors are as follow:

Main Campus: Leslie Owens, Africana Studies; Phil Weigand, Anthropology; Monica Riley (acting), Biochemistry; Jerry Whitten, Chemistry; Sandy Petrey (acting), Comparative Literature; Arthur Bernstein, Computer Science; Glenn H. Yago, Economic Research Bureau; Estelle James, Economics; David Sheehan, English; Mark Whitney, French and Italian; Roman de la Campa, Hispanic Languages; Joel Rosenthal, History; Leo Treittler, Music; David Cohen, Neurobiology and Behavior; John Ramsey, Physical Education; Patrick Heelan, Religious Studies; Norman Goodman, Sociology; William Bruehl, Theatre Arts; and Ruth Schwartz Cowan, Women's Studies.

Retirement Benefits Seminar

A free seminar titled "Beating the Pension System—Understand your Payout Option Before Retirement" will be held for all members of the New York State employees' retirement system.

The seminar will take place on Thursday, Oct. 3 at 8 p.m. in the Holiday Inn in Hauppauge (located off Long Island Expressway at Exit 55). It will answer such questions as:

- what are your options?
- which one is best for you?
- how much will your beneficiary receive?
- what is vesting?
- what are annuities?

The seminar will be conducted by Robert Ziskind, pension and welfare officer for the City University of New York and pension columnist for *Chief* (the New York State Civil Service newspaper).

Advance registration is required. Proof of employment must be shown at the door. To register call 796-6255.

Campus Job Opportunities

Classified—Main Campus

Title	Status	Location	Base Salary
Mail & Supply Clerk	*S	Trans. Sv. & Fleet Mgt.	\$10,807
DEMO	*S	Human Resources	\$11,306
Stores Clerk	*S	HSC Physical Plant	\$11,866
Info. Proc. Spec. II	*S	Purchasing	\$14,811
Maint. Helper	S	HSC Physical Plant	\$12,541
Maint. Asst.	S	HSC Physical Plant	\$14,013
Maint. Asst.	S	Res. Physical Plant	\$14,013
Acct. Clerk	*S	Accts. Payable	\$11,866
Acct. Clerk	R	CPMP	\$11,866
Stenographer	*S	Stud. Svcs., HSC	\$11,866
Cleaner	S	HSC Phys. Plant	\$11,306
Lab. Tech.	R	Microbiology	\$14,811

For more information, visit Human Resources, Room 390, Administration Building or call (24)6-8314.

Classified—University Hospital

Title	Status	Location	Base Salary
Mail & Supply Clerk	*S	General Sv./Mail	\$10,807
Cleaner	S	Housekeeping	\$11,306
Hosp. Attd.	S	Volunteer Svcs.	\$11,306
Hosp. Attd.	R	Ob./Gyn./CPMP	\$11,306
Stenographer	*S	Infection Control	\$11,866
Stenographer	*S	Nursing Admin.	\$11,866
Hosp. Patient Svcs. Clerk II	S	U.H. Admitting	\$13,254
Motor Vehicle Operator	S	General Svcs./Mail	\$13,254
Nursing Sta. Clerk	*S	Peds. Acute	\$13,254
Med. Lab. Tech. I	*S	Lab/Microbio.	\$14,811
Med. Lab. Tech. II	*S	Lab/Microbio.	\$17,563
T&R Nurse II	*S	PICU	\$22,041
T&R Nurse II	*S	Hemodialysis	\$22,041
T&R Nurse II	*S	Labor & Delivery	\$22,041
T&R Nurse II	*S	NICU	\$22,041
Cleaner	S	Housekeeping	\$11,306
Hosp. Attendant	S	Fam. Med./CPMP	\$11,306
TH Sterile Supply Tech. I	*S	CSS	\$12,541
Nursing Sta. Ck.	*S	Ambulatory Care	\$13,254
Hosp. Pat. Svcs. Ck. I	*S	Admitting	\$13,254
T&R II	*S	Surgery 115 S.	\$22,041
T&R II	*S	Psychiatry	\$22,041
T&R II	*S	Burn Center	\$22,041
T&R II	*S	Orthopaedics	\$22,041
T&R II	*S	SICU	\$22,041
T&R	*S	Phoresis	\$22,041

For more information, visit Human Resources, Room 132, third floor, Health Sciences Center or call 124 (444 off campus)-2525.

Professional—Main Campus

Title	Status	Location	Base Salary
Tech. Spec.	NTP (S)	Orthopaedics	\$18K
Asst. to Dir.	NTP (S)	CED	\$7.70/hr.
Counselor	NTP (S)	Univ. Couns. Ctr.	\$15K-\$31K
Student Act. Asst.	NTP (S)	Student Union & Act.	\$13K-\$24K
Tech. Spec.	NTP (R)	Computer Science	\$20K-\$24K
Tech. Spec.	NTP (S)	Comm. Mgt. Eng.	\$20K-\$31K
Asst./Assoc. Pro. of Med.	F	Cardiology	Dep. upon rank & exp.
Rank dep. upon quals. & exp.	F	ESS	Dep. upon quals.
Lecturer (Men's Lacrosse)	F	Physical Educ.	\$3,500
Lecturer (Women's Basketball)	F	Physical Educ.	\$2,000
Dep. on quals.	F	Ecology & Evolution	Dep. on quals.
Tech. Spec.	NTP-S	Ob./Gyn.	\$19K-\$31K
Tech. Spec.	NTP-R	Orthopaedics	\$19K-\$20K
Tech. Spec.	NTP-R	Biochemistry	\$13K-\$16K
Tech. Spec.	NTP-R	Biochemistry	\$13K-\$18K

For more information, visit Human Resources, Room 390, Administration Building.

Professional—University Hospital

Title	Status	Location	Base Salary
Tech. Asst.	NTP (S)	Medical Records	\$13K-\$24K
Dir. of Unit Mgt.	NTP (S)	Nursing Admin.	\$15K-\$31K

For more information, visit Human Resources, Room 132, third floor, Health Sciences Center.

Key

- S—Must meet minimum qualifications as specified by NYS Civil Service Commission.
- *S—Requires NYS Civil Service Examination in addition to meeting minimum qualifications as specified by NYS Civil Service Commission.
- R—Must meet minimum qualifications as specified by the Research Foundation.
- NTP—Non-teaching professional.
- F—Faculty.

For Civil Service Test Announcements, visit the Department of Human Resources, Main Campus or University Hospital.

"Personnelized" lists employment opportunities as a service to the Stony Brook community. Faculty and professional positions are posted for 30 days. Classified positions are posted for 10 days. "Personnelized" cannot guarantee the availability of any position. Please refer to the most recent "Campus Job Opportunities" or the contact persons indicated above.

Fall Semester Employee Holidays

Listed below are the legal employee holidays for this semester.

Columbus Day	Monday	*October 14, 1985
Election Day	Tuesday	**November 5, 1985
Veteran's Day	Monday	*November 11, 1985
Thanksgiving Day	Thursday	November 28, 1985
Christmas Day	Wednesday	December 25, 1985
New Year's Day	Wednesday	January 1, 1986
Martin Luther King, Jr. Day	Monday	January 20, 1986

There is no contract at this time between UUP and the State. Until such a contract is negotiated and placed into effect, provisions of the old contract, concerning holidays, continue to apply.

*Classes in session.

**Classes in session. UUP-represented employees (Bargaining Unit 08) eligible to observe holidays had the option of selecting either Election Day (Nov. 5, 1985) or Martin Luther King, Jr. Day (Jan. 20, 1985) as a holiday. Designation forms to select the preferred holiday were previously collected by the Payroll Office.

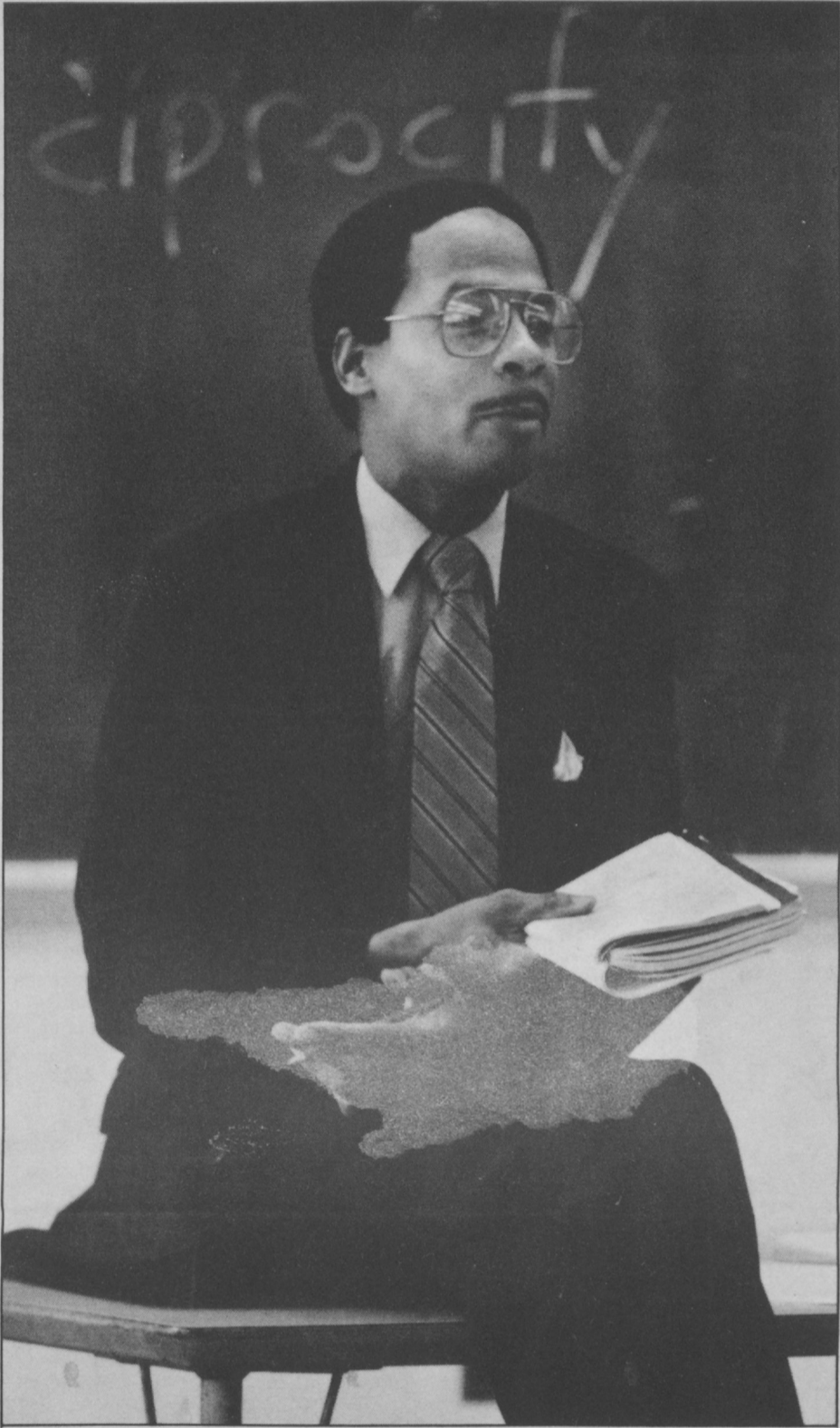


Photo by Jook Leung

Educational Reform: It's Not Just a Job; It's an Adventure

The movements for more effective education and "back to basics" offer exciting opportunities as well as potential dangers. If progressive faculty participate, the changes needed need not be regressive ones.

By Bruce R. Hare

Over the last few years, much like the turmoil following the launch of Sputnik by the Soviet Union, there has been growing chagrin for the quality of our national educational system. The expressed fear is of being left technically behind amid a "rising tide of mediocrity" through "educational disarmament," thereby producing "a nation at risk." Governmental, professional and foundation-sponsored commissions, distressed by a slight decline in national achievement test performance, have been frantically ringing the alarm and issuing an educational call to arms.

At least two identifiable movements have been bolstered by our renewed concern with educational excellence—an Effective Education movement and a Back to Basics movement. On the elementary and secondary levels, the federal administration, while no longer concerned about (if not hostile to) desegregation, has jumped on the Effective Schools bandwagon. It has indicated a willingness to sponsor both research—as, for example, through the

proposed establishment of centers for the study of educational excellence—and experimental programs, as through the provision of matching funds for districts that establish "effectiveness" programs.

At the very least, it can be said that the train is rolling and that there is widespread agreement that something must be done to improve the quality of American elementary and secondary education. Because my primary concern in this article is the implication of this new educational climate for higher education, I will not dwell on these developments. It is, however, worth noting that there exists the danger that unless concerted efforts are made to assure that the school improvement train passes through not only suburban and affluent areas but also inner city, rural and poor areas, the amount of inequality of educational opportunity at the pre-college level will significantly increase.

Conversely the promise of such an "effectiveness" movement, with appropriate applications, is in recognizing that there are things that can be done to improve the level of attainment in **any** school. Such an assumption may offer, in the current

Campus Currents invites readers to submit their comments for publication, either in the form of letters, essays or articles, to be printed in this new column. Submissions should be typed and signed. *Campus Currents* will not print unsigned pieces, but will at times honor requests for anonymity. The editor reserves the right to be selective in choosing pieces to be printed. Send materials to Comment, *Campus Currents*, 121 Central Hall, 2760.

Bruce R. Hare, assistant professor of sociology, formerly taught in the public schools of New York City and earned his Ph.D. degree at the University of Chicago.

climate, the last and only possibility of improving education in poor segregated schools, such as those in our inner cities and rural communities. I would thus advise those who are concerned with the education of the poor and people of color not to miss this train and not to let the train bypass their station.

A cornerstone of reform

While the Back to Basics slogan is a significant part of the elementary and secondary schools reform thrust, it also appears to be a cornerstone of the reform movement at the university level. Among the minority of faculty and staff who are truly concerned about the curriculum, many are convinced that we "gave away" the universities to the 1960s "radical" students and "liberal" faculty. They perceive now a conservative campus climate in which the ground can be retaken from the allegedly apathetic, individualistic and materialistic "Yuppie" student population. Although the jury remains out on the potential future activist significance of recent campus protests in opposition to the horrors of South African apartheid, the overriding perception of university policy-makers is that the academic reins have slackened and the time is right to pull them in. There is, consequently, solid support for increasing writing requirements, which are seen as having fallen victim to the increasingly used computerized multiple-choice exams. While there may well be good reasons also to tighten math and science requirements, and for the university to resume greater responsibility for directing the socialization and training of students, the Back to Basics movement also has an undeniably regressive thrust.

Much like the discussed national nostalgia for the "good old days," the suggested solution to the perceived lapse of rigor is a return to the

"If the educational machine is to be tinkered with, it is up to us to make sure that it goes forward and not backwards."

elusive, if not illusionary, romanticized time when professors led and their eager students obediently followed. Thus on many campuses curriculum reform also entails a re-emphasis of the "classics" and a retrenchment of non-traditional programs such as Women's Studies, Native American Studies, Black Studies, Hispanic Studies, etc., that emerged in the late '60s and early '70s. In fairness, it

should also be noted that some campus curriculum reform efforts also have introduced contemporary themes such as technological literacy, futuristic thinking and even peace studies.

As with the pre-college Effectiveness movement, there is an urgent need for progressive faculty and staff to participate in the college curriculum reform movement, given that the definition of university training itself is at stake. For example, progressive participants on Stony Brook's general education committee, mandated to spearhead reform of the university curriculum, were not only able to avoid the imposition of a regressive shift but were instrumental in assuring what might be considered a progressive quality. In the identification of core themes that are to guide the reform, for example, in addition to the traditional emphasis on "Western History and Culture" (in light of world history and culture), new emphases on "Technological Literacy," "Global Thinking" and "Cultural Perspectives" were added. Committee members successfully argued for the need to train our students to be capable of moving beyond pure nationalism in their thinking and to be able also to see and analyze the world—through our "Global Thinking" theme, for example—as a single interactive and interdependent system, be the analysis economic, political, historical, etc.

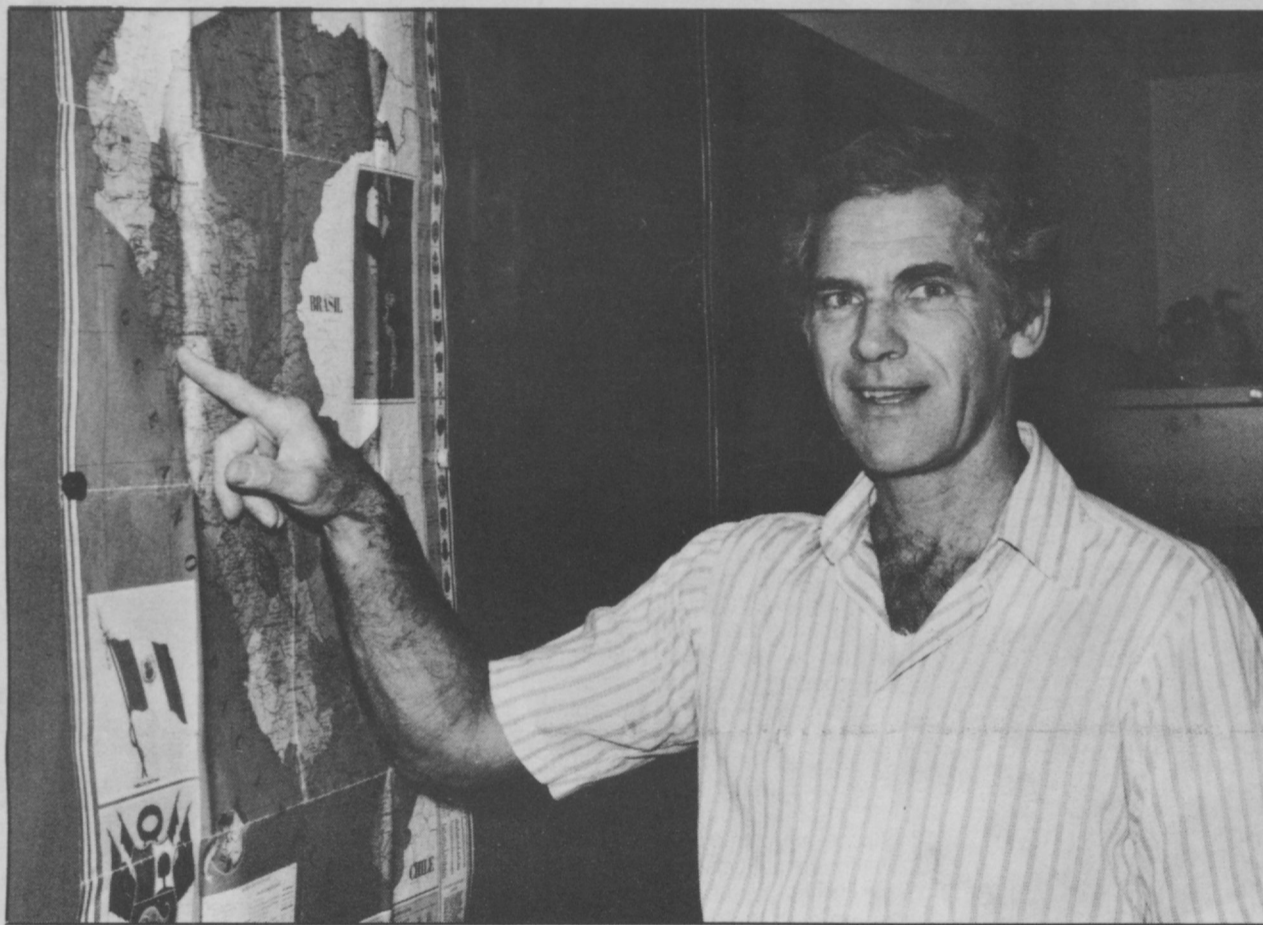
Pluralistic themes

Analogously, under the "Cultural Perspectives" theme the Stony Brook committee recognized the need to move our students beyond ethnocentrism in becoming capable of seeing our nation not as homogenous, or "White," but as a pluralistic nation made up of a positive array of many diverse yet united ethnic and cultural groups. Recognizing that many of our students have been, and perhaps will later again be, living in segregated environments, the committee considered providing the opportunity to experience pluralistic exposure an important part of the "education" of our students. The faculty has subsequently been encouraged to incorporate these themes in each of their courses as much as logically possible, and to submit proposals for new courses specifically designed to address these themes.

In these regards, curriculum reform at Stony Brook has become not just a regressive job but a progressive adventure, and a hopeful example of how reform might be seen as an opportunity to grow. As is the case then with the pre-college Effectiveness movement, it is argued that the college curriculum reform movement should be exploited for its progressive potential. If the educational machine is to be tinkered with, it is up to us to make sure that it goes forward and not backwards.

SB Researchers Help Peruvians Reach Goal

Health for ALL by 2000'



Pointing out Peru is Dr. Dieter K. Zschock, who has spent much of the past 20 years studying the economics of Latin American countries.

By Charles L. Keller

Five Stony Brook researchers, backed by a \$1.3 million federal grant, are working to help Peru achieve its goal of "Health for All by the Year 2000."

Together with a team of Peruvian researchers, the Stony Brook professors are analyzing the South American country's delivery of health care services to its citizens. They hope to aid Peru's newly elected President Alan Garcia reallocate human and financial resources to meet the needs of those living in the Andean highlands and urban slums.

The project, funded by the United States Agency for International Development (USAID), examines Peru's current physical, institutional, human, pharmaceutical and financial resources within the health sector and their utilization in relation to the country's health needs. A major source of information for the study are the data from a national survey on health and nutrition. Project director Dieter K. Zschock, associate professor of economics, said that the Stony Brook researchers were the first to receive the recently completed data

tapes containing information on 18,000 Peruvian households.

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"We will not tell Peruvian health sector authorities what they should be doing," said Dr. Zschock. "We will help them analyze the state of their health services. We will provide some options, but will not presume to tell them what options to take. Those decisions involve values and political decisions the Peruvians must decide for themselves."

Dr. Zschock is joined on the project by four Stony Brook colleagues. They are Dr. Luis Locay, assistant professor of economics who works closely with Dr. Zschock as senior investigator in Peru; Dr. Edmund J. McTernan, dean of Stony Brook's School of Allied

Health Professions, who advises on the human resources analysis; and Drs. Warren Sanderson (assistant professor of economics) and Paul Gertler (assistant professor of economics), who analyze the data collected in the "household survey."

There are 51 persons in all working on the project, with other U.S. university professors, South American experts and Stony Brook graduate and undergraduate students joining the Stony Brook faculty members.

USAID and other donor agencies, including the Republic of West Germany and World Bank, have contributed more than \$100 million to Peru's health services during the past five years, but there has been no comprehensive analysis of the needs and problems of a health services delivery system, Dr. Zschock explained.

Devastating problems

Although Peru had embarked in 1980 on a new health care initiative that included establishing a nationwide health care delivery system, it ran into devastating economic and environmental problems over which it had little or no control. Those

difficulties, Dr. Zschock said, included:

- loss of fishery canning and nitrate fertilizer exports due to a change in the El Nino Current;
- a change in historic weather patterns, bringing floods to the normal desert-like northern coast and drought and crop destruction to the agricultural area in the south;
- a disastrous earthquake in 1983, resulting in hundreds of deaths, \$1 billion in property damage, major road blockages and destruction of health care facilities in northern Peru;
- and the crash of the world copper market. Copper was the nation's No. 1 export.

These setbacks sharply reduced foreign exchange earnings, he continued, which had been high under military dictatorship, to a new low in the 1980s for the democratic regime.

This resulted in a need for heavy borrowing and a debt service exceeding 50 percent of Peru's annual exports.

In addition, much of Peru's rural population moved to urban areas. Despite a decline in the population growth rate from its peak of 2.9 percent in the 1960s, urbanization increased from 47 percent in 1961 to 65 percent in 1980.

"This population shift brought two ancient cultures into direct conflict," Dr. Zschock explained. Nearly one-half of Peru's population is native Indian and they made up a large part of the migration to the cities. Many of the Indians still speak their own languages and dialects and follow their own customs with little or no understanding of Spanish, he continued. "Their migration created still another social barrier and compounded already difficult economic problems," Dr. Zschock observed.

These population pressures also affected the health sector by increasing demand for health services in the urban areas and making it difficult to expand primary health care into rural areas.

"All of these problems," Dr. Zschock concluded, "have fed inflation and growing unemployment, making it virtually impossible for the government to fund its health care system adequately so as to achieve its goal of health for all by the year 2000."

"Also lacking are enough trained health care administrators, public health facilities and a comprehensive analysis of the many complicated factors that must be addressed to make such a system work."

Dr. Zschock and Peruvian officials hope their cooperative analysis of Peru's health sector will provide answers and directions to help accomplish the nation's health care goal.

The grant is a cooperative agreement between the Research Foundation of the State University of New York and USAID/Peru. Under this agreement, Stony Brook organized the study with the Pan American Health Organizations, International Resources Group Ltd. of Stony Brook and two Peruvian universities—Universidad Peruana Cayetano Heredia and ESAN, a graduate management school.

Economics graduate students at Stony Brook, working with Drs. Zschock and Locay in the first six months of the project, were Ethel Carillo, Victor Guerra and Alfonso Gavilano, all Peruvians, and Doug Zona of Long Island.

Undergraduates were Ulrike Zilz of Germany and Shekar Setty of India.

Grad students who joined the team this past summer were Chandra Shrestha of Nepal and Gabriella Mundaca of Peru, plus Nedda Hanley of the Dominican Republic, a summer intern from the W. Averell Harriman College for Policy Analysis and Public Management.

Floating

By Margaret Shepherd

You are asked to walk into a stark white room, fill out a questionnaire, then disrobe behind a yellow plastic curtain. You see before you a cream-colored egg, except it is big enough to encase two people easily and is made of fiberglass.

You lift the "hatch" and climb into the "egg," which contains salt water the temperature of your skin, and you lie down in it, closing off the light by lowering the door above you, and you begin your "float."

No sight. No touch. No taste. No smell. And no sound except for the soft music that is being piped in. Can you really relax in this restricted environment?

Floatation tanks are supposed to provide the latest in relaxation environments. Marketed not only for personal enjoyment, the tanks are supposed to relieve stress through an hour-long float in an environment that is close to being sensory-free.

Researchers at Stony Brook are asking a more specific question in order to determine the tank's ability to relieve stress. Can the tanks be used to lower hypertension and high blood cholesterol levels?

Floating lowers blood cholesterol

The initial testing is over, and Craig Lehmann, associate professor of medical technology, School of Allied Health Professions, said he and his colleagues found a decline in cholesterol levels of most floaters after their six-week sessions. Although the decline was small, the researchers felt it warranted a greater investigation.

Only about ten participants are needed in a pilot study, and each participant in the Lehmann study floated for one hour, twice a week for six weeks. The floating experience is attained because the tub contains a dense solution of water and epsom salts that is 13 to 15 inches deep. The water cannot really be felt, since it is maintained at the average skin temperature of 93.5 degrees Fahrenheit. Therefore, the user feels like she or he is floating.

Study participants were usually "Type A personalities," said Lehmann, "those people who are prone to stress and have high blood pressures, and high lipid (cholesterol, triglycerides, lipoprotein) levels."

Before the float, factors, such as hypertension (blood pressure), lipid levels, smoking or diet, that make a person more prone to heart disease were measured. During the float, a tape was played that explained relaxation techniques such as the alternate contracting and relaxing of muscles. Immediately following the float, researchers focused on blood pressure rates and lipid profiles.

Lehmann concluded, "There has not been one person who has not received the benefits of floating." The immediate response was decreased blood pressures. He recalled that one participant's blood pressure moved 25 mm from the start to the finish of the float.

Blood pressures also decline

Lehmann also said that the blood pressures of the floaters declined over their six-week floating period. "It would shoot up if someone had a particularly bad day, but a float in the tank would bring it right back down again."

The results of the research prompted Lehmann and Dr. Roderick Borrie, research assistant professor of allied health, to write a proposal to continue their studies. Borrie has been involved with Restricted Environmental Stimulation Technique (REST) for 12 years. He was instrumental in



Photo by Michael Petroske © 1985

a possible answer to a multitude of problems

Problem no. 1: High blood cholesterol levels & hypertension. Dr. Craig Lehmann (right) and his colleagues hope to discover floating in this restricted environment tank can help patients with high stress levels.

establishing the only REST laboratory on Long Island at Stony Brook with a tank donated by Enrichment Enterprises of Huntington. There are a half dozen REST laboratories located around the country.

The researchers hope to include other stress management techniques in addition to floating into their next study. "What we see right now is an immediate response," said Lehmann, but once the study participant leaves the floatation room, he or she is not equipped to deal with stresses that might arrive when the tank is not convenient.

In addition, Dr. Borrie said, "You take whatever concerns that you have with you into the tank." It would be better to manage those concerns all day long through stress management techniques than to have them disturb the float.

The first participant in the study found this was a problem for him. Associate Dean of Allied Health Robert Hawkins, who has hypertension, recalled, "Near the end of the six weeks, my job was becoming stressful and I was feeling very harrassed. I knew I needed to be relaxed by the tank, but I resented the hour it took out of my day that was already too full." He noted that his blood pressure always went down after a float, but "that's not really something that I could feel."

Hawkins said his first encounter with

Floatarium™ was "probably somewhat colored by science fiction. I expected to be totally deprived of my senses. I checked out the hatch to make sure I could get in and out. I was somewhat disappointed that I could hear the humming of the motor, and would occasionally bump into the sides of the tank. There was also a dripping noise from the condensation on the shell."

Floaters' skin feels better

A number of participants reported that their skin felt better immediately after floating. This prompted Lehmann to call in Dr. Ronald Malowitz, a clinical assistant professor in the Department of Medical Technology, to conduct a study on the effects of immersion in a high salt and Bromine on the normal skin microflora (microorganisms).

Dr. Malowitz, who is also associated with the Department of Microbiology in University Hospital, is examining the effect of floating on the skin flora of the participants in the study. Not only is he trying to determine the quantity of bacteria before and after floating, but also whether the bacteria can survive isolated from the floater in the tank's fluid.

Preliminary studies indicate the flora quantity remains about the same, but sometimes there is an increase. This could be caused by more bacteria being drawn out from the layers of skin because of the epsom salt solution. Dr. Malowitz will be working with Dr. George Tortora, associate professor of health sciences in the School of Allied Health Professions

and associate chief of microbiology at University Hospital.

Arthritis patients receive benefit

Further studies in skin flora, as well as studies on the effect of floating on arthritic conditions are being conducted. Clifton Mereday, vice chairperson of physical therapy in the School of Allied Health, said a pilot study is underway to determine the impact of floating on patients with arthritis. "There have been many reports that floating helps to reduce the pain experienced by arthritic patients. We would like to see if we can substantiate that claim."

Taking measurements that are subjective as well as objective from the few patients that have floated, Mereday reports, "Thus far, we think it does help them."

Pain reduction is a short term goal, said Mereday. Hopefully, the decrease in pain will allow more active rehabilitation. As patients work to get their arthritic joints to move in the increased pain-free range, inflammation around the joint would be reduced, thus allowing for even greater mobility.

Mereday and his colleagues hope that positive results will net funding for a large-scale study and would eventually like to apply floating rehabilitation techniques to a range of patient treatment, such as the reduction of spasmodic and hypertonic conditions.

EVENTS

Campus Currents lists events of general, campus-wide interest. Submissions may be sent to: Editor, Campus Currents, 121 Central Hall 2760.

• MONDAY, SEPT. 30-MONDAY, OCT. 7
SUKKOT

Roth Quad Cafeteria: Available throughout Sukkot and located adjacent to the Cafeteria (where the Kosher meal plan is located).

Academic Mall:

Available throughout Sukkot and located between the Frank Melville, Jr. Memorial Library and Central Hall. The schedule of activities for the Mall Sukkah is: Monday, Sept. 30 (Kiddush following services); Tuesday, Oct. 1 (Kiddush following services); Wednesday, Oct. 2 (Open all day, reception from 3-4:30 p.m.); and Thursday, Oct. 3 (Open all day, Kumsitz at 8 p.m.).

Services:

Monday, Sept. 20, 9:30 a.m., 6:15 p.m.; Tuesday, Oct. 1, 9:30 a.m., 6:15 p.m.; Sunday, Oct. 6, 9:30 a.m., 6:15 p.m.; Sunday, Oct. 6, 8:30 a.m., 6:15 p.m.; and Monday, Oct. 7, 9:30 a.m. All services will be held in the Arms Control, Disarmament and Peace Studies Resource Center (Old Chemistry Building) except for 6:15 p.m. services (to be held in the Roth Quad Cafeteria).

• MONDAY, SEPT. 30-THURSDAY, OCT. 17

PHOTOS: "Jacob K. Javits and the Presidents" (photo exhibit), Frank Melville, Jr. Memorial Library, Room E2320, 9 a.m. to 5 p.m. Open to the public, no charge for admission.

• TUESDAY, OCT. 1

FILM: *The Mission*, Stony Brook Union Auditorium, 7 and 9 p.m. Admission 50¢ with Stony Brook I.D., \$1 without. Tickets available at Stony Brook Union Box Office or at the door.

• WEDNESDAY, OCT. 2

SPEAKER: Glenda Dickerson, Dept. of Theatre Arts will speak on "The Role of Women in Black Theatre." Social and Behavioral Sciences Building Room S216, 12 noon.

• FRIDAY, OCT. 4

LECTURE: Dr. Tobias Owen, Dept. of Earth and Space Sciences will speak on "The Search for Life in the Universe." Earth and Space Sciences Lecture Hall 001, 8 p.m.

• FRIDAY, OCT 4-SATURDAY, OCT. 5

FILM: *Amadeus*, Javits Lecture Center, Room 100, 7 and 9:45 p.m. and 12:30 a.m. Admission 50¢ with Stony Brook I.D., \$1 without. Tickets available at the Stony Brook Union Box Office and at the door.

• SATURDAY, OCT. 5

SHABBAT SHMOOZ: Hillel director's residence, 1 p.m. For more information call Hillel at (24)6-6842.

• SUNDAY, OCT. 6

FILM: *Alice in Wonderland*, Stony Brook Union Auditorium, 2 and 4 p.m. Admission 50¢ with Stony Brook I.D., \$1 without. Tickets available at the Stony Brook Union Box Office and at the door.

• MONDAY, OCT. 7

UNIVERSITY SENATE: Senate meeting in Javits Lecture Center Room 109, 3:30 p.m.

• MONDAY, OCT. 7-TUESDAY, OCT. 8

SIMCHAT TORAH: Celebration Oct. 7, Stony Brook Union Ballroom, 7 p.m.; services Oct. 8, Arms Control, Disarmament and Peace Studies Resource Center (Old Chemistry Building) at 9:30 a.m. and Roth Quad Cafeteria at 6:15 p.m.

• TUESDAY, OCT. 8 - WEDNESDAY, NOV. 3

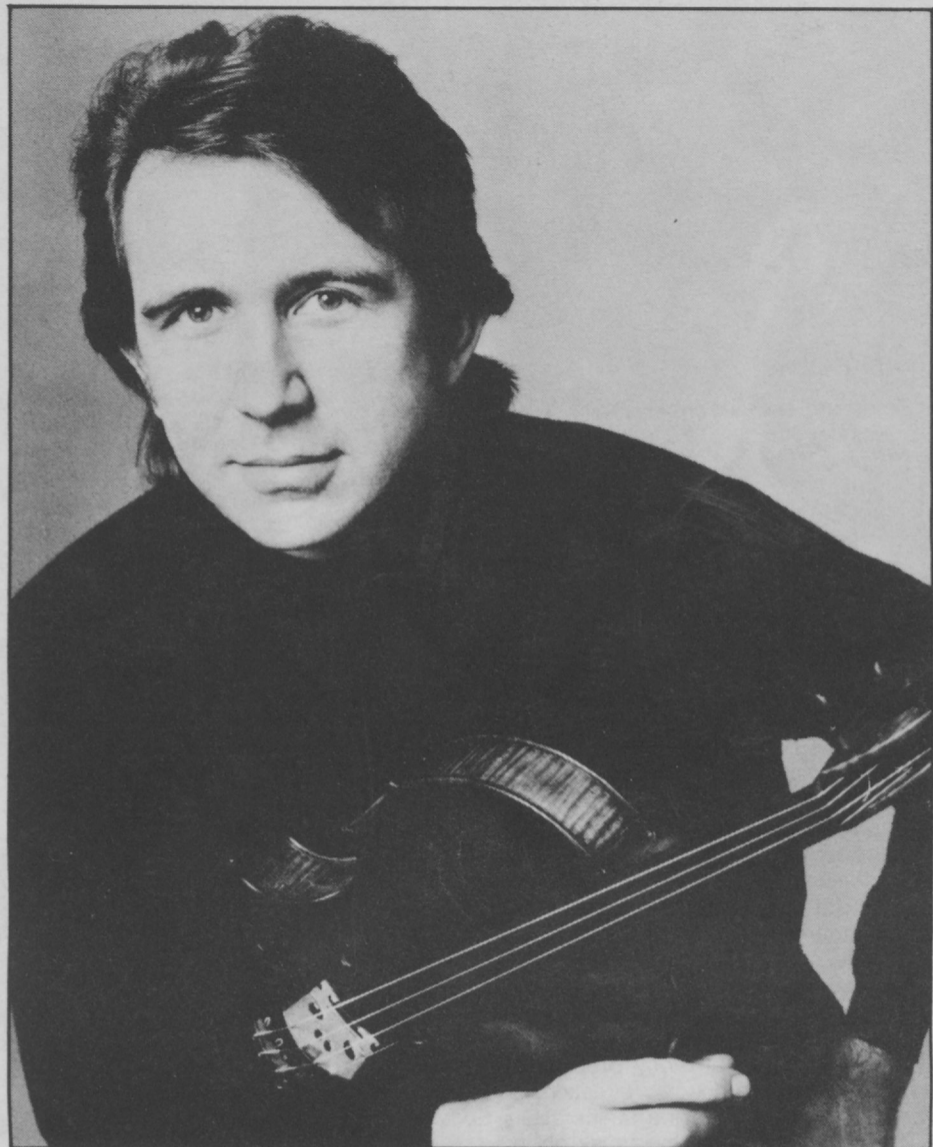
EXHIBIT: "Freedom within: Paintings by Juan Sanchez/Installation by Alfredo Jaar", Fine Arts Center Art Gallery, Tuesday-Saturdays 1-5 p.m. and some evenings prior to Fine Arts Center Main Stage performances. No charge for admission. Reception to be held Saturday, Oct. 12, 6-8 p.m. in Fine Arts Center Gallery.

• FRIDAY, OCT. 11-SATURDAY, OCT 12

FILM: *Witness*, Javits Lecture Center Room 100, 7 and 9:30 p.m. and 12 a.m. Admission 50¢ with Stony Brook I.D., \$1 without. Tickets are available at Stony Brook Union Box Office and at the door.

• SATURDAY, OCT. 12

CONCERT: Pianist Andrei Gavrilov



(substituting for Ivo Pogorelich). Fine Arts Center Main Stage, 8 p.m. For ticket information, call the Fine Arts Center Box Office at (24)6-5678.

HOMECOMING: Stony Brook Patriots vs. Kean College, Stony Brook football field, 1 p.m.

• SUNDAY, OCT. 13

FILM: *Willy Wonka and the Chocolate Factory*, Stony Brook Union Auditorium, 2 and 4 p.m. Admission 50¢ with Stony Brook I.D., \$1 without. Tickets are available at Stony Brook Union Box Office and at the door.

CHAMBER MUSIC: Violist John Graham, Fine Arts Center Recital Hall, 3 p.m. For ticket information, call the Fine Arts Center Box Office at (24)6-5678.

Stony Brook performing artist-in-residence John Graham will appear Oct. 13 at the Fine Arts Center.

Fine Arts Center Books Semester of Music, Dance

A full schedule of music concerts and dance programs has been scheduled for the Fine Arts Center this semester. Many are listed below. For information about tickets, reservations or series subscriptions, call the Center Box Office at (24)6-5678.

Music

These concerts are on Saturdays at 8 p.m. Tickets cost \$15, \$13 and \$11
Oct. 12 Andrei Gavrilov, piano
Nov. 9 New Irish Chamber Orchestra
John O'Connor, piano
Dec. 28 The New York Vocal Arts Ensemble
Jan. 11 Vienna Boys Choir

Dance

These programs are at 8 p.m. Tickets cost \$15, \$13 and \$11
Nov. 16 The Pittsburgh Ballet
Jan. 15 Dance Theatre of Harlem

Chamber Music

These concerts are on Sundays at 3 p.m. in the Recital Hall. Tickets are \$9 and \$5
Oct. 13 John Graham, viola
Nov. 24 New York Woodwind Quintet

Jazz

This concert is on Saturday at 8 p.m. in the Recital Hall. Tickets: \$13
Oct. 19 Kenny Burrell Trio

Stony Brook Symphony

These concerts are at 8 p.m. in the Main Theatre. Tickets are \$5 and \$3
Oct. 4
Oct. 30
Nov. 22

Concert Band

These concerts are at 8 p.m. in the Main Theatre. Tickets are \$3 and \$1
Oct. 23
Dec. 11



Former U.S. President Dwight D. Eisenhower speaking with Jacob K. Javits is just one of the photos in the exhibit "Jacob K. Javits and the Presidents" in the Frank Melville, Jr. Memorial Library.