

CAMPUS CURRENTS

News and Events at the
State University of New York at Stony Brook

◆ November 21, 1988 ◆ Volume 6, Number 29

Arms On Campus: A Debate Across The Nation

By Vicky Penner Katz

Like their counterparts across the state, public safety officers here walked on an "informational" picket line last Monday to draw attention to demands that they be armed. Similar demonstrations were held on several SUNY campuses on Long Island and upstate.

In addition to demanding the right to bear arms, the Stony Brook officers were also complaining about staffing patterns.

The issue of arming public safety officers is not new to Stony Brook nor to college and university campuses around the nation. It is one of the most researched and widely debated subjects here and elsewhere and will probably continue to be so for years to come.

There is no nationwide or, for that matter, statewide pattern of arming public safety officers on college campuses. Some campuses arm all officers, others use a modified plan in which no more than two officers on any shift are armed.

The last major move to arm Stony Brook's public safety officers was in 1982 when members of Council 82, Security And Law Enforcement Employees — the union which represents the peace officers — held a similar demonstration and publicly demanded that they be allowed to carry guns.

The matter was turned over to a special "Task Force On Campus Safety And Security" which made an extensive survey of campus security needs and attitudes and concluded that arming the public safety force was unnecessary. President John Marburger concurred with that view although he has indicated that the university was and continues to be open to discussion on the matter.

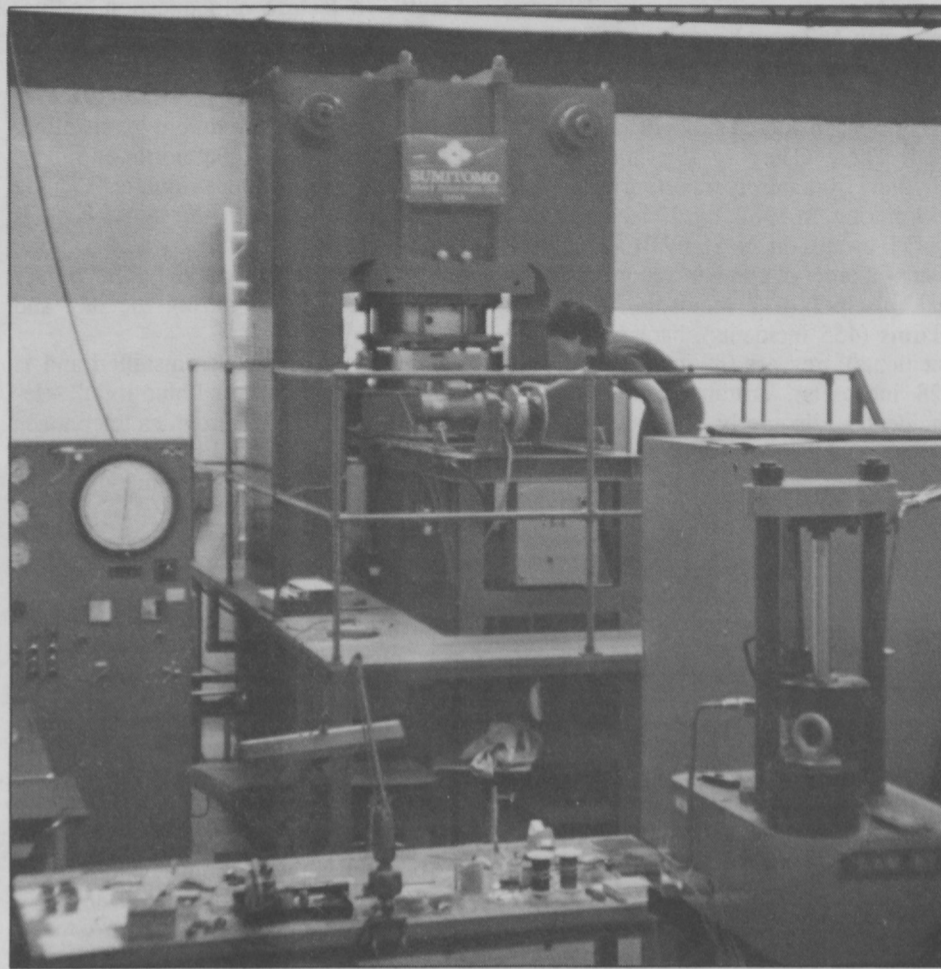
Those who favor arming public safety officers maintain that to do so would reduce hazards to life and property and that the presence of armed officers would prevent the incidence of violent crime.

On the other hand, despite some recent isolated shooting incidents, Stony Brook is not a violent campus and there is no evidence that having an armed public safety force could or would have prevented such events. In the most recent incident, armed Suffolk County police officers were on the scene within minutes of the occurrence and underscored the excellent working relationship that now exists between the campus public safety and county police forces.

With 24,000 students, staff and faculty and 1,100 acres, Stony Brook is in some respects very much like a small city. As such, it faces many of the same types of problems that affect surrounding communities, but with notable differences.

For one thing, a sizeable portion of our population is composed of young adults ages 17 to 21 who share dormitory living quarters. Some 7,000 students reside on campus. Since much of the on-campus resident population comes from Long Island, it is not uncommon for youths from nearby communities to visit friends or relatives who live on campus or to attend campus events. In addition, the campus houses a major medical center that serves

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A graduate student stands atop a huge hydraulic press in the Mineral Physics Institute lab.

'Journeying To The Center Of The Earth'

Professors at the Mineral Physics Institute are simulating Earth's core temperature to help explain volcanoes and earthquakes.

By Sue Risoli

Journeying to the center of the Earth is the stuff of which science fiction is made. Yet scientists at Stony Brook have found ways to simulate that adventure, in the laboratory. Their research on the physical, chemical and geological properties of our planet's interior helps explain dramatic surface events such as volcanoes and earthquakes, and bears industrial applications as well.

Professors Donald Weidner and Robert Liebermann are among a group of faculty members at Stony Brook's Mineral Physics Institute, created earlier this year within the university's Earth and Space Sciences Department. It is one of five such groups in the world — and the only one in the United States — that subject large specimens of rocks and minerals to the intense pressures and temperatures found deep within the Earth.

Specially designed hydraulic presses — some weighing as much as 18 tons — squeeze samples at pressures of up to 300,000 atmospheres (normal pressure on the Earth's surface is 1 atmosphere) and temperatures of 2,500 degrees Centigrade, conditions found 1,000 kilometers down. Using seismic readings (measurements of the speed at which sound travels through rock), xrays, and electron microscopes, the scientists then examine the samples to understand subterranean forces and their effects.

No one has ever been able to actually bring up samples from further down than 300 kilometers. "But we need to look deeper than that. There's growing evidence that things happening on the surface are directly affected by processes that occur deep within the Earth, all the way down to the core," said Dr. Liebermann. "Since we can't actually go there, we duplicate the pressure and temperature found in the region, to

produce rocks never before seen on the surface." The scientists know they've reproduced the conditions correctly by comparing seismic readings taken from the Earth's mantle (that portion from the core to the crust we walk on) with those done on the manmade samples.

The researchers are beginning to find answers to some worldwide geological debates currently underway. "There's some question as to whether the mantle is uniform in chemical composition," said Dr. Weidner. "It may not be. We're finding in the lab that material from the lower mantle is not behaving the way we expected it to.

"We're also finding," he added, "that the amount of iron may not increase substantially with depth, as some people think. It may remain constant." Their results could, said Dr. Liebermann, "challenge current conclusions on the chemistry and mineralogy of the mantle."

Also under discussion in the geological community is the constant motion within the mantle, movement that pushes and pulls continental plates. "Some groups think it's a convective motion of the whole mantle; others think it only happens near the surface," said Dr. Weidner. "We hope our experiments will help resolve the dispute."

Earthquakes and volcanoes are two dramatic manifestations of the unseen processes beneath our feet. The Stony Brook researchers are melting rocks and minerals to learn more about magma, the molten material spewn out during a volcanic eruption. They're also making earthquakes happen in the lab by subjecting samples to pressure until they fracture, then examining the half-broken rocks under an electron microscope. Sometimes they surround the sample with groundwater, since groundwater worsens

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Snow! What You Need To Know

You may have gone coatless in last week's balmy weather, but don't be fooled! Winter is around the corner, and with it the possibility of snow, ice and impassable roads.

With that in mind, the university has put its "Winter Emergency Notification Plan" in place in the event bad weather conditions require that classes be cancelled or delayed or the school closed. (Employees are expected to report to work even when classes are cancelled).

Only President John H. Marburger can make the decision to delay or cancel classes or close the campus, a point which was underscored in a recent memo to key campus personnel including deans and department chairmen. He makes his decision after conferring with campus safety and physical plant personnel on the condition of area and campus roadways, parking lots and rail service.

University News Service is the only office authorized by President Marburger to notify the media of any decision to delay or cancel classes or close the campus.

On Long Island, stations WUSB, WALK, WBAB, WBLI, WGSM, WHLI, WLIM and WRCN will carry cancellation/closing announcements. New York City stations WINS, WCBS, WMCA and WOR and Connecticut station WPLR will also broadcast such information. In most cases, announcements will be made starting very early in the morning, before faculty, staff and students leave their homes for the university. In addition, each vice-presidential/vice-provostial area should have a telephone snow chain in place by which employees can be contacted.

For Information On Snow Closings

Listen to these radio stations for announcements during inclement weather:

FM STATIONS

WUSB 90.1 (Stony Brook)
WALK 97.5 (Patchogue)
WPLR 99.1 (Connecticut)
WRCN 103.9 (Riverhead)
WBAB 102.3 (Babylon)
WBLI 106.1 (Medford)

AM STATIONS

WMCA 570 (NYC)
WOR 710 (NYC)
WGSM 740 (Huntington)
WCBS 880 (NYC)
WINS 1010 (NYC)
WHLI 1100 (Hempstead)
WALK 1370 (Patchogue)
WLIM 1580 (Patchogue)

Clip and Save

Arms On Campus: A National Debate

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all of Suffolk County. University Hospital, with its thousands of visitors, patients and personnel, poses an additional public safety issue.

In the mid-1980s, there were some serious incidents on the campus including a shooting involving non-students that resulted in extensive media coverage. That, in turn, resulted in a public perception, which holds to this day, that Stony Brook is not a "safe" campus. The recent fraternity party shooting incident, also confined to non-students, reinforced the view, even though taken in context of the size, nature and location of the Stony Brook campus, such incidents are unusual and isolated in nature.

The crime picture at Stony Brook has been further muddied by a recent *USA Today* nationwide survey of crimes on college and university campuses, which has become a benchmark for some in measuring campus criminal activity.

Like some other campuses, Stony Brook provided the daily newspaper with a very detailed breakdown of crimes on the campus, listing not only total larcenies, but subcategories as well. In preparing its totals, *USA Today* statisticians inadvertently doubled the larceny figures for our campus, making it appear that Stony Brook had more such crimes than actually occurred. More importantly, schools that did not participate in the survey wound up with figures showing lower criminal activity. That's because for the schools that did not respond to its questionnaire, *USA Today* relied on statistics from the Federal Bureau of Investigation's Uniform Crime Reporting System which lists only Category I crimes (murder, rape, attempted rape, robbery, assault, burglary, grand larceny, petit larceny and motor vehicle theft). Thus the totals for Stony Brook (as well as others who responded in detail) were much higher because our figures included such criminal activities as false fire alarms, bad checks and harassment. Also not taken into account in the survey was the fact that Stony Brook's figures included statistics from University Hospital, a type of facility not usually found on college campuses.

If one were to judge solely by the Category I crimes that must be reported to the

FBI, here's how Stony Brook stands:

In 1987, there were no murders, one rape, one attempted rape, two robberies, 28 assaults, 287 burglaries, 65 cases of grand larceny, 672 cases of petit larceny and 19 thefts of motor vehicles. In the first 10 months of 1988, there were no murders, two rapes, one attempted rape, two robberies, 17 assaults, 247 burglaries, 74 grand larcenies, 562 petit larcenies and 22 thefts of motor vehicles.

Stony Brook also maintains records on crime not considered major offenses by the FBI. These Category II crimes include anything from falsely reporting an incident to loitering. In 1987, the 10 leading Category II crimes on the Stony Brook campus were (in order of numbers reported) criminal mischief (612 incidents), false fire alarms (455 incidents), harassment (239 incidents), trespass (39 incidents) assault (28 incidents), criminal tampering (27 incidents), disorderly conduct (19 incidents), reckless endangerment (18 incidents), exhibitionism (11 incidents) and warrants (10). (It should be noted that some of the false fire alarm incidents may be mechanical and not criminal in nature. University statistics do not distinguish between the two).

In the first 10 months of 1988, the 10 leading Category II crimes on the Stony Brook campus were (in order of numbers reported) criminal mischief (510), false fire alarms (249), harassment (245), criminal tampering (33), trespass (28), warrants (19), reckless endangerment (15), exhibitionism (13), disorderly conduct (12), loitering (10) and possession of stolen property (10).

The university has several programs in place to educate students, faculty and staff on how to protect themselves from becoming victims of crime.

The Office of Public Safety offers a variety of outreach programs to the university community. They include a "Personal Safety" session in which participants are given tips to keep themselves safe in school, at work, shopping and at home and are taught to recognize and avoid potentially dangerous situations; "Dorm Security," a group workshop on dorm living issues tied to security; "Rape Prevention," consisting of a series of films, slides and discussions; "DWI," a film presentation

and discussion on driving while intoxicated; a program on acquaintance rape entitled "Is Dating Dangerous?"; "Keeping Your Child Safe," a lecture and discussion for parents on the subject of child abuse outside the home; "Home Security," a film and question and answer session on keeping one's home safe; "Bicycle Safety," a lecture and question-and-answer session on bicycle safety and security.

The university has also limited access to the campus after midnight by installing gates at its south and north entrances which are locked after midnight. Vehicle access from midnight through 5 a.m. is through the Main Entrance where a public safety officer is on duty. Public Safety patrols the campus during the day and evening.

The campus also has installed and is currently expanding its "blue light" telephone system which provides telephones in strategic locations with access to public safety. The telephones are marked by a distinctive blue light.

Up until 1985, public safety officers were responsible both for enforcement of the law and building security checks. Thus, it was not unusual for a tour of duty to involve not only controlling traffic or responding to a crime scene but also making the rounds of campus buildings evenings and weekends, checking to see if doors and windows were locked.

In some instances, public safety officers were assigned to stand outside a building or in the lobby offering help to persons needing directions or other assistance.

In 1985, the first step was taken to make better use of these trained peace officers by hiring "security service assistants" who would be responsible for the building security checks.

Unlike security service assistants, public safety officers are required to have at least two years of college education and must undergo intensive background and psychological checks. Once hired, public safety officers must also attend and successfully complete a Bureau of Municipal Police training program at the State Police Academy in Albany. The annual salary for a public safety officer ranges from about \$20,000 to \$23,000.

By comparison, outside of passing a written test, there is no minimum educational requirement for the security service assistants who earn on the average of \$15,000 a year.

The university has continued to increase the number of "Security Service Assistants" whose responsibility it is to check for locked doors across the campus and to lend a hand to visitors or others in need of assistance, particularly at University Hospital. There are now 14 security service assistants, four at the hospital and 10 on the main campus. When the number is up to full complement, there will be 24 at the hospital (which has unique and complicated security needs).

With the realignment of duties, it quickly became apparent that the university could and should trim its public safety officer ranks and could best do so through attrition. As a result, in 1986, the number of public safety officers dropped from 66 to 57. In 1987, the number declined to 55. In November, 1988, there were 42 public safety officers.

The public safety officer staff is still considerably larger than the average for an institution of our size.

Administration Notes

Budget: Waiting For A Number

The full impact on SUNY of a projected \$2 billion shortfall in state revenues in 1988-89 is yet to be established, but campuses throughout the system are bracing for further cuts.

Under flexibility legislation, SUNY is exempt from the state budget office's November 11 directive that has halted all personnel activities, planned equipment purchases and new contracts for outside services by state agencies.

Nonetheless, SUNY is responsible for meeting the expenditure and overall personnel ceiling reductions that are the objective of the directive, said Chancellor Bruce Johnstone.

One immediate impact is that all SUNY campuses will see their OTPS (Other Than Personnel Services) budgets reduced 1 percent—which at Stony Brook will amount to between \$200,000 and \$300,000, estimates budget director Dan Melucci.

Further cuts are on the way. Within a week to 10 days, SUNY Central—working with the Office of the Budget—expects to establish a total budget reduction figure for the system and, from that, apportion a share of the required reduction to each campus.

Until "campus-specific" targets are established, Chancellor Johnstone has directed that all personnel activity not already committed and all equipment, lease and outside contractual service purchase orders not already issued, be frozen. Positions exempt from the state agency freeze—such as hospital direct patient care—are exempt from the SUNY freeze and may be filled as required.

The reduction is the third that Stony Brook administrators have confronted in the 1988-89 fiscal year alone. The first originated with the executive budget, which created a \$28.5 million gap in the state-funded portion of SUNY's budget, and stuck Stony Brook with a \$2.5 million shortfall. The result: large cuts in funds for personnel and materials, and \$1 million in underfunding for utilities.

The second came in June, when Stony Brook was asked to give up an additional \$1 million in operating funds and funds for badly-needed capital projects, such as roof repairs on academic buildings and residence halls, to help meet what at that time was an anticipated \$900 million shortfall in state revenues.

The most recent round of cuts was not unexpected, noted President John H. Marburger. Stony Brook's aggressive energy conservation and recycling programs will help to soften some of the impact of the reductions, but the savings will not be nearly enough to cover the total amount permanently.

"We hope to be able to avoid retrenchment, layoffs and erosion of academic programs," said Dr. Marburger. "Until SUNY establishes a reduction target for the Stony Brook campus, it is impossible to know the full range of actions we will be forced to take."

—D. Forbush

'Journeying To The Center Of The Earth'

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the effects of earthquakes by weakening rock even further. The work could enable scientists to understand more about how and why earthquakes occur, and aid planners in determining the placement of such facilities as underground storage containers for nuclear waste.

Other areas being explored by institute members are how rocks are formed, processes that turn certain materials into crystals and the effects of temperature on crystal structure.

Industry is turning to Stony Brook for answers on the properties of rocks and minerals. "IBM is looking at using our high pressure press for generating exotic superconductors," said Dr. Weidner, "as is Dupont. We've also had some contact with the diamond industry about superhard materials. Some of our other works such as studies of how glass forms crystals, and carbon-based rocks that combine with oils

could have industrial applications as well."

The researchers plan to expand their collaborations, with industry as well as other scientific institutions. In the past year, notes Dr. Liebermann, they've established ties with Princeton and the Carnegie Institution in Washington, D.C. "Now that the institute is in place, we can conceive and perform experiments that will integrate Stony Brook with work going on in the rest of the world," Dr. Liebermann points out. "We're in the process of setting up exchanges of personnel and expertise."

Dr. Weidner summed up, "Though we're interested in basic science questions, the answers can be used in many ways. We can't always predict what sorts of things we'll find, but we're constantly seeking new ways to apply and understand what we do uncover."

CAMPUS CURRENTS

Campus Currents is published weekly during the academic year by the Office of University Affairs, 322 Administration Building, State University of New York at Stony Brook, Stony Brook, NY 11794-0605. Phone: 516/632-6310.

Currents welcomes material from the university community. "People" items, Notices and Calendar listings should be submitted two weeks prior to publication date of the issue in which they should appear. These items may also be sent via the All-In-1 network to CURRENTS. News of significant national or regional interest should be discussed directly with News Services Director Vicky Penner Katz or Assistant Director Sue Risoli (632-6310).

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Almanac

Appointments

Leo M. Sreebny, professor of oral biology and pathology, School of Dental Medicine, and clinical professor of family medicine, School of Medicine, has been elected to the International Dental Federation's list of honor.

Sreebny was recognized for his involvement with planning, developing and directing the organization's scientific programs for the past 20 years. Since the organization's founding in 1900, only 35 people have been elected to the list.

Maryalice Graygor has been appointed manager of the corporate department of Omega World Travel on campus. She comes from Austin Travel, where she directed a 24-agent corporate reservation center.

Vincent Iacono, professor of periodontics, has been appointed co-editor of "Periodontal Case Reports," an official journal of the Northeastern Society of Periodontists, by that organization's board of directors.

He is joined in editorship with Paul N. Bear, professor and chairman of the Department of Periodonics.

President's Award for Excellence in Classified Service

The President's Award for Excellence in Classified Service was created to recognize extraordinary achievement by classified service employees at Stony Brook.

Persons who win an award for Excellence in Classified Service will be suitably recognized and rewarded. They will receive recognition in an appropriate campus publication and be honored at an

Officials Optimistic SEFA Campaign Will Exceed Last Year's Totals

Campus officials will be tallying up the totals this week for the annual United Way-State Employees Federated Appeal (SEFA) campaign. They're optimistic that the numbers will exceed last year's \$53,000 total.

At the beginning of last week, the main campus had contributed \$24,167, with pledge cards and checks still coming in. Totals from the east campus were not available.

This is the first time two Stony Brook groups can be designated as recipients of campaign funds. Stony Brook Child Care and the University Hospital Auxiliary are among the hundreds of agencies from which contributors can select to donate monies.

The single biggest donor on the main campus so far is Sandra Burner, Assistant Vice-Provost and Director of the Center for Academic Advising who pledged \$1,000.

"I always give a percentage of my salary. I believe in giving to charity and the United Way-SEFA campaign is a convenient way to do it," she says, adding "I hope it encourages other people to give too." As a result of her generosity, Mrs. Burner will be invited to join the United Way's Pillar Club, which honors major donors with a dinner and a plaque, distinctions of which she was unaware when she filled out her pledge card. "There's nothing special about what I did," she says modestly. "I think everybody should contribute."

Though the formal United Way-SEFA campaign has wrapped up, university and Research Foundation employees can donate to the drive through Dec. 31. If you would like to contribute, contact campaign coordinators Alan Entine on the Main Campus (2-6140) or Faith Merrick in Health Sciences Center (4-2092)

— Vicky Katz

Joyce Clinkscales has been appointed head of the Music Library in the Main Library. She comes from the University of Arkansas where she was fine arts librarian.

Godlind Johnson has been appointed engineering librarian in the engineering library. She comes from Vanderbilt University where she was public services librarian and science library coordinator.

Gifts/Grants

Estelle James, economic professor, recently received a \$60,000 grant from the Spencer Foundation to continue research on the division of educational responsibility throughout the world between public and private sectors. It is the second grant she has received from the foundation for this purpose.

Her research will culminate into a book revealing the reasons for and results of these divisions.

Jonathon Kaufman, doctoral student in the Department of Earth and Space Sciences, will use a \$40,000 grant from the American Chemical Society/Petroleum Research Fund to research natural gases formed in dormant reefs in the Rosevear Reef Complex, Western Canada Basin.

He is working under the advisorship of

appropriate ceremony. They will receive a cash award of \$500 and a certificate of recognition.

The deadline for completed support files is Feb. 15, 1989.

Nominations should be sent to:
0701

Classified Service Awards
Office of the President
Administration Building, Room 310

the Department of Earth and Space Sciences.

Harold L. Friedman, chemistry professor, recently received the fourth R.A. Robinson Memorial Award of the Royal Society of Chemistry in Britain for his applications of statistical mechanics to problems in ionic solutions.

Initiated in 1981, the award honors Robert Anthony Robinson, the late British chemist known for his research in solution chemistry.

Awards/Honors

Three graduate students in the Department of Microbiology were recognized for their outstanding potential in basic research during the department's annual symposium.

Distinguished Service Professorships

Nominations are now being solicited for the 1988-89 Distinguished Service Professorships. SUNY has authorized the campus to identify two candidates for promotion to this prestigious position.

SUNY has revised the procedures for nominating faculty for appointment to the rank of Distinguished Service Professor. The responsibility for evaluating candidates has been transferred to the campus and the University Senate has appointed a committee of faculty, professional staff and students to solicit nominations, review candidate files and select the campus's nominees.

The Distinguished Service Professorship is a tenured rank that is conferred by the SUNY Board of Trustees. It may be conferred upon faculty in any of the disciplines or fields of study. The nominee must have achieved a distinguished reputation for service not only to Stony Brook but also beyond the

Janet Andersen, Robert Cabelli and Michael Murray have received Irving Abrahams Memorial Awards of \$300 each.

The annual awards are supplied by a fund initiated in 1982 in tribute to Dr. Abrahams' commitment to basic research. He was adjunct professor in the university's Department of Microbiology and head of the Division of Laboratory Research at the Nassau County Department of Health.

David A. Smith, a graduate student in the Psychology Department, recently won recognition for his paper titled "Affective Components of Problem-Solving Communication and Their Relationships to Interspousal Aggression," at this year's American Psychological Association meeting.

campus to SUNY, the community, the state of New York or the nation through sustained effort in the application of intellectual skills to issues of public concern. Nominees must have already attained the rank of full professor and must have completed at least 10 years of service in the State University of New York.

Nominations must be submitted to the selection committee no later than Nov. 28, and should consist of a one-page letter supporting the nomination, an up-to-date and detailed vita and the names of individuals who would be able to supply additional information about the nominee's qualifications, major achievements and contributions that deserve recognition.

Please send nominations to:
Selection Committee
Distinguished Service Professorships
Administration Building, Room 310

Bulletin Board

Notices

Academic and administrative notices should be directed to Assistant Director Sue Risoli, 319 Administration Building.

Invite a Student for Thanksgiving: The Office of Foreign Student Affairs is looking for friendly SUNY Stony Brook families who would like to invite a foreign student home for Thanksgiving Dinner. Sharing an American holiday will provide a special memory for a foreign visitor. Those who are interested please call 2-7025.

Volunteers Needed: If your loved one has Alzheimer's or a related disorder with night wandering and insomnia, the Sleep Disorder Center in the University Hospital at Stony Brook are looking for volunteers to take part in a study. Alzheimer's or people with memory problems, 50 or older who have trouble sleeping and wandering are invited to be evaluated. Caregivers and family can call (516) 444-2916 Monday - Friday 8:30 a.m. - 3 p.m. for more information.

Child Care Alert Network: The Stony Brook office of the New York Public Interest Research Group is seeking concerned parents who would like to join our Child Care Alert Network. If you would like to help in a state wide campaign to support passage of the Act for Better Childcare, or be kept informed on child care issues, please call 2-6457.

Fall Blood Drive: On Dec. 6, Stony Brook will hold its Fall Blood Drive. Because of the continuing shortage of blood in the Metropolitan area, it is encouraged that as many faculty and staff members participate in this drive.

Stony Brook employees are not required to donate blood in order to receive blood. However, everyone has a responsibility

Employment

POSITIONS AVAILABLE

NOTE: Submit one application for each position to either Main Campus or University Hospital Human Resources departments. Candidates for state positions that are identified with an asterisk preceding reference numbers are selected from New York State Civil Service eligibility lists. Contact the Human Resources departments with questions.

Application Deadline November 23, 1988

*C-295-88 - Clerk I, SG-6, Permanent, Office of Records

C-296-88 - Principal Clerk, SG-11E, Research Foundation, Research Services

*C-297-88 - Purchasing Agent, SG-18, Permanent, Inst. Svcs. - Purchasing

M-105-88, - Power Plant Helper, SG-6, Permanent, HSC Phys. Plant

M-106-88 - Gen. Mech./Millwright Rigger, SG-12, Permanent, HSC Phys. Plant

*M-80-88 Repost - Supervising Janitor, SG-11, Permanent, Res. Phys. Plant

HSC-482-88 - Dental Assistant, SG-6, Permanent, Dental Care Center

HSC-483-88 - Dental Assistant, SG-6, Permanent, Dental Care Center

UH-484-88, - Laboratory Worker, SG-4, Permanent, Labs/Chemistry

*HSC-485-88 - Dental Hygienist, SG-10, Permanent, Dental Care Center

*HSC-486-88 - Senior Stenographer, SG-9, Permanent, Restorative

Application Deadline November 30

88-220 - Postdoctoral Associate, SE-1, \$22,000-\$32,000, Physics

88-221 - Academic Advisor, SL-3, \$24,500, Undergraduate Studies

Application Deadline January 1

*Repost F-68-87 - Associate or Full Professor, Political Science Department.

*Repost F-69-87 - Assistant Professor, (tenure track), Political Economy/Policy.

*Repost F-70-87 - Assistant or Associate Professor American Politics, Political Science Department.

F-40-88 - Assistant Professor (tenure track), Political Psychology (Decision-making), Political Science Department.

F-41-88 - Assistant Professor: Formal Analysis of Politics, Policy, Political Economy, Political Science Department.

F-42-88 - Assistant Professor of Political Science, (tenure track), International Relations/Defence Policy/International Political Economy, Political Science Department.

Application Deadline February 1

F-50-88 - Assistant or Associate Professor, (Operative Dentist), Restorative Dentistry, School of Dental Medicine.

F-51-88 - Assistant or Associate Professor, (Endodontist), Restorative Dentistry, School of Dental Medicine.

F-43-88 - Professor and Chairperson, Department, Electrical Engineering.

Photographers Wanted

Campus Currents is seeking qualified freelance photographers to cover campus news. If you are interested, please contact Joe Caiola at 2-6310.

Upcoming

Calendar items, event material and photos should be sent to the Upcoming Editor, 319 Administration Building.

Monday November 21

Seminar: "Addicted Mothers/Addicted Babies," Child and Family Studies. Room S207, Social and Behavioral Sciences. Room S207. Noon.

Astrophysical Journal Club, ESS, Room 450, noon.

Seminar: "Regulation of G Proteins by Cell Surface Receptors," Dr. Elliot Ross, Biochemistry Department, Southwestern Medical School, Dallas. Life Sciences Lab, Room 038. 4 p.m.

Doctoral Recitals: Margaret Van Dijk, harpsichord. All Bach program. Staller Center for the Arts, Recital Hall. 4 p.m.

Doctoral Recital: Works to include Hindemith, Copland, Sollberger and others. Staller Center for the Arts. Recital Hall 8 p.m.

Hillel Film Forum: "Lies My Father Told Me." Union Auditorium. 8 p.m. Free admission.

Al-Anon, Adult Children of Alcoholics: Social & Behavioral Sciences, Room N110, 8 p.m.

Tuesday November 22

Seminar: "Leukemogenicity of SV40/MoMuLV Recombinant Retroviruses." Dr. Ronnie Hanecak, Molecular Biology & Biochemistry Department. Life Sciences Lab., 038. 10 a.m.

Seminar: "Mechanisms of synaptic transmissions in the mammalian CNS: a patch-clamp study." Arthur Konnerth, M.D. Max-Planck Institut Fur Biophysikalische Chemie, Gottingen, FRG. Life Sciences Bldg., Room 038. 4 p.m.

Basketball: Lady Patriots vs. Southampton, Gym 5 p.m.

Basketball: Patriots at SUNY New Paltz, 7:05 p.m.

Stony Brook Contemporary Composers Concert: Works by graduate student and faculty, performed by Graduate Students in the Dept. of Music. Tickets: \$5/3 St/Sc. Staller Center for the Arts, Recital Hall. 8 p.m.

Seminar: "Spectroscopy at Stony Brook and the National Synchrotron Light Source." Profs. Hanson, Anderson, Chu and Johnson. Chemistry Building, Room 412. 7-10 p.m.

Wednesday November 23

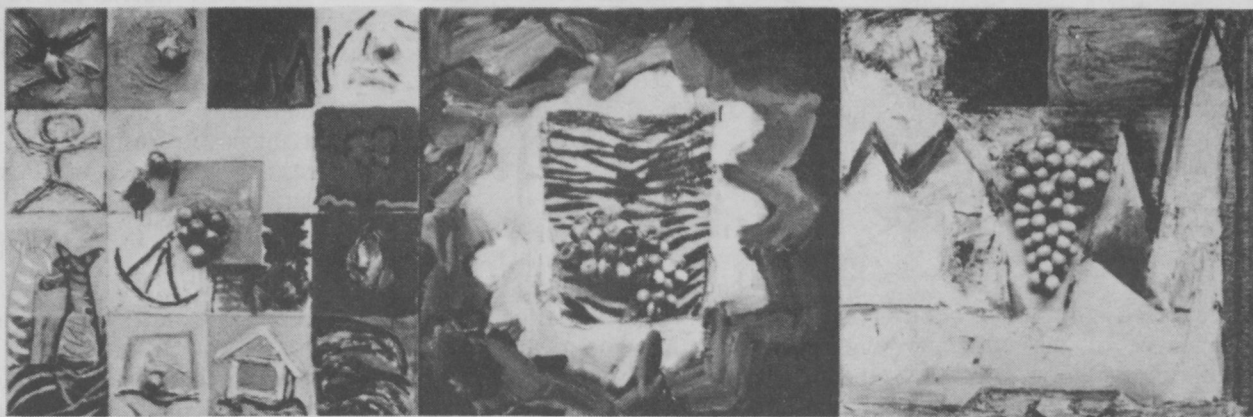
Astronomy Colloquium: "Neutron Star Quake Models for Gamma Ray Burst," Dr. Peter Goldreich, Center for Astrophysics. ESS Building, Room 450, 11 a.m.



Photo by Robert Fletcher

Dance Special: Jawole Willa Jo Zollar, artistic director of the dance special "Urban Bush Women," which will be staged Nov. 30 on Main Stage in the Staller Center for the Arts. Tickets: \$18/16/14. 8 p.m.

Joan Snyder Collects Joan Snyder



Trilogy, 1982. Part of the exhibit at the Art Gallery of the Staller Center for the Arts from Nov. 10 - Dec. 21.

Photo by Steven Stroman

Seminar: "Stationary and Locally Stationary Uniformly Nearly Optimal Strategies in Stochastic Dynamic Programming," Prof. Eugen Feinberg, Yale University, Math Tower, Rm. P-131, 12:30 p.m.

Surface Science Seminar: "Surface Electronic Structure" D. Hamann, Bell. Grad Phys. C120, 3 p.m.

Returning Students Club: S-211, Returning Student Lounge, Social and Behavioral Sciences Bldg. 6 p.m.

Monday November 28

Seminar: "Intimate Liaisons: The Proto-Oncogenes fos and jun and the Transcription Factor Ap1." Dr. Tom Curran, Roche Institute. Life Sciences Lab., Room 038, noon.

Astrophysical Journal Club: ESS Room 450, noon.

Al-Anon, Adult Children of Alcoholics: Social & Behavioral Sciences, Room N110. Call 2-3395 for more information.

Tuesday November 29

Seminar Series: "Spectroscopy at Stony Brook and the National Synchrotron Light Source: Profs. Hanson, Anderson, Chu and Johnson. Chemistry Building, Room 412, 7-10 p.m.

Doctoral Recital: Sandra Rogers, voice. Works by Strauss, Schumann, and others. Recital Hall. Staller Center for the Arts 8 p.m.

Wednesday November 30

Workshop: "Writing a Paper" to be presented by Dennis Clark. Sponsored by the Returning Student Organization, this workshop will be at 6 p.m. in the Returning Student Lounge, Social and Behavioral Sciences Building, Room S-211. All returning students are welcome to attend. There will be light refreshments.

One-Day Conference: "The Legacy of the Sixties: Theory Across the Disciplines." Humanities Institute, Library E4341. 9:30 a.m. to 6 p.m. Admission free. Call 2-7765.

Music at Noon: HSC Gallery, Level 3

Recital: Grad students in Dept. of Music. Recital Hall, Staller Center for the Arts, noon.

Annual Holiday Pottery Sale: Fireside Lounge, Student Union. 11 a.m. - 3 p.m. Through Dec. 1.

Seminar: "On Signature Classes and the Hirsch Conjecture for Transportation Polytopes," Mr. Fred Rispoli, Ph.D. Student, Dept. of Applied Math & Stat., Math Tower, Room P-131, 12:30 p.m.

Surface Science Seminar: "Electron- and Photon-stimulated Desorption (ESD, PSD)," Grad. Physics, C120, 3 p.m.

Squash: Patriots at Fordham, 4 p.m.

Dance Special: "Urban Bush Women." Main Stage, Staller Center for the Arts. Tickets: \$18/16/14. 8 p.m.

Thursday December 1

Organic Seminar: "Drug-DNA," Chemistry Building, Room 412, 4 p.m.

Physical Chemistry Seminar: "Imaging Chemical Bond Directions at Surfaces," Chemistry Building 412, noon.

Seminar: "Proto-Oncogenes and Signal Transduction," Dr. Perry D. Nisen, LI Jewish Medical Center, Physiology & Biophysics Department, Room 140, T-5, Basic Sciences Tower, 3 p.m.

Basketball: Patriots at John Jay 5 p.m.

Contemporary Ensemble: Music by Stravinsky, Carter, and Bartok with the Camerata Singers. Staller Center for the Arts, Main Stage, 8 p.m.

Lecture: "How Do Mothers Protect Their Babies? Immunology and the Regulation of the IgA Response." Julia Quagliata, Dept. of Pathology, NYU Medical Center. S-240 Math Tower. 7:30 p.m. refreshments. 8 p.m. Lecture. All welcome.

Friday December 2

Squash: Patriots at Wesleyan 4 p.m.

Squash: Patriots vs. Connecticut College (at Wesleyan) 7:30 p.m.

Swimming: Patriots vs. SUNY at Albany 7 p.m., Gym.

ESS Astronomy Open Nights: "And Next Its Neptune," Dr. Deane Peterson, SUSB, Harriman Hall, 137. 8 p.m.

Exhibits

Through Nov 10: Flix Corero, Gallery, Stony Brook Union, 2nd. floor.

Through Dec 21: Joan Snyder Collects Joan Snyder. Call 2-7240 for gallery hours.

Hours

Staller Center for the Arts Gallery: Tuesday through Saturday 12 p.m. - 4 p.m.

Barnes & Noble Bookstore
Monday and Tuesday 9 a.m. - 7 p.m.;
Wednesday and Thursday 9 a.m. - 5 p.m.;
Friday 9 a.m. - 4 p.m. Saturday 10 a.m. - 2 p.m.

Gym: 7:30 a.m. - 11 p.m.

Pool: M - W - F 11:45 a.m. to 12:40 p.m.
M - W - F 8:30 p.m. to 10:30 p.m.
Sat., Sun. 2 - 4 p.m.

Grad. Swim:
2:30 to 3:30 p.m. Tuesday and Thursday

Library:
Reference, Commuter Lounge, government documents, current periodicals, maps:

Mon. - Thurs.: 8:30 a.m. - 12 a.m.
Friday: 8:30 a.m. - 8 p.m.
Saturday: 10 a.m. - 6 p.m.
Sunday: Noon - 12 a.m.

Reserve:

Mon. - Thurs.: 8:30 a.m. - 12 a.m.
Friday: 8:30 a.m. - 5 p.m.
Saturday: 10 a.m. - 6 p.m.
Sunday: Noon - 12 a.m.

Circulation, stacks:

Mon. - Thurs.: 8:30 a.m. - 11 p.m.
Friday: 8:30 a.m. - 8 p.m.
Saturday: 10 a.m. - 6 p.m.
Sunday: Noon - 11 p.m.

For Music and Science Libraries, Special Collections:

Mon. - Thurs: 8:30 - 10 a.m.
Friday: 8:30 - 5 p.m.
Saturday: 1 p.m. - 5 p.m.
Sunday: 2 p.m. - 10 p.m.

Health Sciences Library:

Mon.-Thurs.: 8:30 a.m. - 11 p.m.
Friday 8:30 a.m. - 9 p.m.
Saturday 8:30 a.m. - 5 p.m.
Sunday 1 p.m. - 9 p.m.

Religious Services

Jewish:

Friday evening:
Services held in Roth Quad Dining Hall, first floor, Dec. 2 - 5 p.m.; Followed by Shabbat dinner by reservation.

Saturday morning:

Stony Brook Havurah (conservative/egalitarian) - Peace Studies Center, Old Chemistry Building, 9:30 a.m.

Fall Shabbaton: Mystical Dimensions of the Shabbat Experience, with Rabbi Eliyahu Klein. Call 2-6565 for more information.

Stony Brook Hebrew Congregation (orthodox) - Mathematics S-235, 9:30 a.m.

Bible Study Group: Humanities 157, Every Thursday 3:30 - 4:30 p.m. Call 2-6565 for more information.

Roman Catholic:

Sunday Mass: 5 and 7 p.m. Peace Studies Center, Old Chemistry Building; 9:30 a.m. Hospital Chapel, Level 5 HSC.

Weekday Mass: 5 p.m. - Monday and Wednesday - Interfaith Lounge, Humanities Building, Room 157; Monday, Tuesday, Wednesday and Friday Hospital Chapel, HSC, noon.

Prayer Service: Tuesdays and Thursdays: Noon-Interfaith Lounge-Humanities 157; Thursday (Interfaith Service): Noon-Hospital Chapel, HSC.

Sacrament of Reconciliation: 4 to 4:45 p.m. Mondays, Humanities 167

Protestant:

Wednesdays, 12:30 p.m., Interfaith Lounge, Room 157 Humanities Building.

Muslim:

Weekly Friday prayers (Salat-al-Jamma), SB Union, Room 214, 1 p.m. All Muslims welcome.