

CAMPUS CURRENTS

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

◆ September 6, 1988 ◆ Volume 6, Number 18

Spectators, Officials Have A Ball At Hughes Medical Institute Opening

By Wendy Greenfield

When you walk into the Howard Hughes Medical Institute's research laboratory in the Life Sciences Building, one of the first things you notice is a poster of the 1930 Hollywood film "Hell's Angels," the war melodrama starring Jean Harlow and produced by the now-deceased billionaire industrialist.

Though the poster has nothing to do with the work going on in the lab, it says something about the creative and playful personality of the lab's principal investigator, Professor Paul Adams, who bought the poster in Manhattan and hung it in the lab because it "added a light touch."

At the official opening of the Institute last Tuesday, Adams clearly set the tone when he used a soccer ball, tennis balls, a closet rod and colorful electrical wiring to demonstrate his research on the brain.

"The brain is like tangled spaghetti," he said, displaying the mass of orange, black and gray wiring that served as axons.

Using spaghetti and meatballs as a metaphor for the workings of a nerve cell, Adams explained that nerve cells communicate by sending chemical messages to each other. Tennis balls stuffed into holes in the soccer ball were "blobs of meat sauce" that release the messengers, which travel along the closet rod axon to the electrical wire axons adjoining other cells.

"Basically, we put microelectrodes into nerve cells to study electrical activity," he said, stabbing the soccer ball with metal hooks. "Then we use special microscopes that allow us to visualize the nerve cells."

Adams is interested in the electrical properties of nerve cells and how chemicals released by those cells modify other nerve cells. Though his research has no immediate practical applications, the work may eventually lead to understanding disorders such as Alzheimer's disease, in



Professor Paul Adams demonstrates a nerve cell using a soccer ball. Sitting at the podium is Purnell Choppin, president of the Howard Hughes Medical Institute.

Photo by Maxine Hicks

which some of the messengers are missing or disrupted, and epilepsy, caused by abnormal electrical activity.

Adams was designated a Hughes investigator last May, about a year after he received a \$200,000 fellowship from the MacArthur Foundation, a prestigious honor referred to as the "genius award." The Hughes Institute covers major costs of Adams' laboratory for at least seven years. Adams and seven lab support staff members are paid by the Hughes Institute, but under the agreement, Adams must continue his university responsibilities as neurobiology professor.

Investigators are nominated by universities and research centers, and their selection is based on a rigorous and formal evaluation, said Robert Potter, a Hughes Institute spokesman. Adams was the first neurobiologist chosen to be a Hughes investigator in an individual research unit.

Stony Brook is the only SUNY institution and one of 31 universities and medical centers in the country affiliated with the institute. The Bethesda, Maryland-based Institute, with an endowment of about \$5 billion, has become the largest scientific philanthropic organization in the world and a major supporter of basic biomedical research.

The 4,000-square-foot high-tech lab has been renovated and expanded over the past year. It includes sophisticated computers and microscopes, including a microscope that uses lasers to examine thick pieces of tissue that could not be examined under a conventional microscope. The computers allow researchers to make moving pictures of the cell, as well as measure the effects of electrical stimulation on nerve cells.

Adams described the relationship between the institute and himself as "a marriage, with an element of stability."

"At the end of seven years comes the itch," he said. "Then we have to decide whether to continue. In the meantime, we hope to produce many scientific children."

Refurbished Chapel Retains Brother Eric's Design

By Wendy Greenfield

University Hospital recently dedicated its newly refurbished chapel, a sanctuary that may be small in size but big on design.

Its deep blue walls, black ceiling and backlit multi-colored abstract painting, were chosen to soothe the spirit of those who visit the chapel to pray, meditate or seek solace.

The color scheme and painting for the non-denominational chapel were created by Brother Eric de Saussure of Taize, France, eight years ago for the original chapel just a short distance away from the new site.

The color scheme and overall design were so well liked that when the chapel had to be moved to accommodate expansion of the hospital's ambulatory care area, it was agreed that the new chapel would keep its former decor and color scheme. The chapel was dedicated Aug. 24 in a ceremony in the hospital lobby.

Brother Eric, who has designed chapel interiors worldwide and was on hand for the dedication ceremony, said the chapel's color scheme was inspired by a similar combination of colors he had seen at Kennedy Airport.

"It felt so peaceful," he recalled. "So when I set out to design this chapel, I thought the dark colors would give a feeling of being in a room without walls."

Currently, he is involved in designing a church for the principality of Monaco. A renowned painter as well, his works hang in galleries and private homes from Australia to the Ivory Coast.

Brother Eric describes all of his paintings as "religious, interpretive and meditative." Though the chapel painting contains no religious symbols, he says it depicts a religious experience of suffering and hope.

"It has something to do with being sick and then being healed," he said, explaining the movement of colors from black to red-orange to white. "With abstract art, we can go from the symbolic level to the emotional level."

Father Robert Smith, director of chaplaincy services at University Hospital who met Brother Eric about 15 years ago in Taize, said the painting "has a kind of life to it. It has the quality of stained glass."

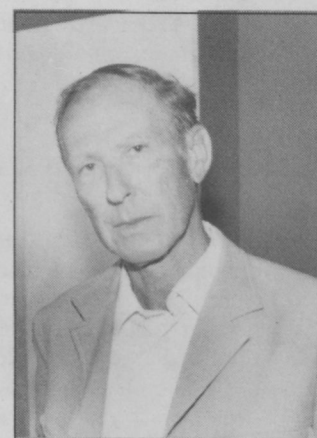
The new chapel also is decorated with a stained glass window done by Stephanie O'Grady, a former member of the Catholic Campus Parish. The window was donated by the Hospital Auxiliary.

Father Smith said the chapel is used often by hospital staff, as well as visitors and patients' families.

"What happens at the hospital is the everyday stuff of life — birth, death, sickness, healing," he said. "People need and look for a place to integrate their feelings. The chapel allows this and encourages it."

Father Smith said the chapel is primarily used for meditation and prayer, yet it is also used for religious services and an occasional wedding. He recalled one wedding for the daughter of a patient. The wedding was held in the chapel because the father couldn't leave the hospital.

"It's very well used," he said. "At any given time, you can always find someone there."



Brother Eric de Saussure

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Metcalf Chills Atoms To Record Low Temperature

By Wendy Greenfield

Stony Brook physics professor Harold Metcalf and researchers at the University of Connecticut and the National Bureau of Standards have broken the record for chilling atoms in a gas, a technique which someday may prove useful in building better navigational equipment, sending messages by satellite or computing the distance between Earth and Mars.

Using lasers to stop and trap sodium atoms, the scientists were able to cool atoms to a point near absolute zero — the closest point researchers have gotten so far. The atoms were cooled to 43 millionths of 1 degree Centigrade above absolute zero. Absolute zero, defined as the temperature at which all molecular motion stops, is about 273.16 degrees below zero Centigrade, or 459.69 degrees below zero Fahrenheit.

"We got much colder than we should have," Metcalf said. "Millions of times colder than the Arctic."

Metcalf's research may someday lead to scientists' ability to make more precise measurements of time and space. The research is important because motion limits the ability to measure, and heat and motion are related. By nature, atoms are always in motion. In a liquid, atoms move around like people mingling in a crowded room; in a solid, they jiggle; and in a gas, they're free and can fly across a room.

Using lasers, the researchers were able to slow and reverse the direction of the atoms, trap them and then cool them to a temperature near absolute zero. This worked because the momentum of light from the lasers exerted a force on the atoms that slowed them down. Atoms that absorbed light were slowed by a certain amount, and after repeated impacts, were

cooled to a point near absolute zero.

Scientists had believed that the lowest temperature to which a gas of sodium atoms could be cooled by using this method of laser cooling was 240 millionths of a degree above absolute zero.

Metcalf said the practical applications of the research are wide ranging.

"It enhances precision measurements," he said, "since accuracy is limited by motion. For example, our modern commercial aviation system couldn't exist if we didn't have precise measurements that were developed in the past. Much of our commerce and industry depends on precise measurements. Future progress will depend on the development of better methods."

The results of the study were published in the July 11 edition of *Physical Review Letters*.

News in Brief

University Welcomes Freshmen, Returning Students

Stony Brook welcomed returning students, along with an estimated 1,900 freshmen, when the 1988-89 academic year began on Aug. 31.

Here are some other opening week facts:

- Ninety-nine new full-time members, representing 25 departments, have joined the faculty this fall.

- A new undergraduate major in business management is being offered through the university's W. Averell Harriman School for Management and Policy. The program, leading to a bachelor's degree, will focus on high technology and growing businesses.

- A new undergraduate minor has been created in Korean Studies, as well as a number of new courses. One of those—"University 101"—is a one-credit orientation course for freshmen.

- The undergraduate student conduct code has been clarified regarding grounds for suspension, and common-area damage fees are being imposed for the first time. Residence halls will now observe designated "quiet hours" for study time.

- Students will be able to compile official university student development records, which will recognize and list such activities as attendance at career development seminars and service in student government.

- New graduate assistant and teaching assistant appointments will be subject to "rights and responsibilities" guidelines instituted last spring. The guidelines, drafted by a joint graduate student-faculty task force, were created as a result of the 1987 graduate student strike.

University Preschool To Continue Programs For Normal Children

The Department of Psychology has announced that its University Preschool, located in the Social and Behavioral Sciences Building, will continue its programs for normal children this fall. In addition, the Suffolk Child Development Center, Inc. will open a facility for developmentally impaired children. The new facility will be located adjacent to the Preschool. The two centers will share a playground, activity room and parking lot.

Since one of the Preschool's classrooms will now be used for the new center, the Preschool will enroll a smaller number of children this fall. Hours will be Tuesdays and Thursdays, 9:15 to 11:30 a.m. for toddlers; all other morning classes 9 to 11:45 a.m. and all afternoon classes 12:30 to 3:15 p.m.

Pauline Tamari is currently serving as administrator of the Preschool. For more information, call her at 632-7868.

Appointments

◆ **Andrew J. Policano** has been appointed the new dean of Social and Behavioral Sciences for a five-year term.

He replaces Egon Neuberger who will return to the Economics Department as professor of economics after serving as dean for six years.

Prior to coming to Stony Brook, Policano served as senior associate dean of academic affairs at the University of Iowa's College of Business Administration. From August 1984 to July 1987, he served as professor and chairman of the University of Iowa's Department of Economics.

Policano's interests include macro-economic theory, monetary theory and international economics.

He received the University of Iowa's annual teaching award for Professional Excellence in Training of Economists in 1981 and 1985.

◆ **Daniel H. Forbush** has been appointed associate vice president for university affairs.

Formerly vice-president for public relations at Syracuse University, Forbush will oversee the operations of publications, news services, internal communications and creative services of the 16,000-student university, with special emphasis on national public relations, marketing and advertising.

Reporting to University Affairs Vice President Dr. Patricia Teed, Forbush will work jointly with Teed and President John Marburger in total communications planning for the university and its 540-bed critical care teaching hospital and health sciences center.

Forbush joined Syracuse University as director of public relations in 1984 and was named vice president in 1986. In that year, the Council for Advancement and Support of Education (CASE) presented the university the *Newsweek* Gold Medal Award for Excellence in Newswriting and the Gold Medal Award for Public

Relations Improvement.

Prior to joining Syracuse, Forbush served two years as director of affiliate communications programs for MedAmerica Health Systems Corporation, Dayton, Ohio, which is the parent organization of Dayton's 800-bed Miami Valley Hospital. From 1978 to 1982, he was with Gehrung Associates University Relations Counselors, Keene, New Hampshire, where he managed national media placement for 20 client colleges and universities and created the firm's science and technology division.

Forbush, who completed his service at Syracuse in mid-July, is a 1975 graduate of the University of New Hampshire, where he majored in economics. He began his career in academic public relations at Union College in Schenectady, New York, where he was director of the news bureau from 1975 to 1977.

◆ **Louis Rose** has been appointed director of Human Resources for the Main Campus.

Rose comes to Stony Brook from the University of Chicago and the University of Chicago Medical Center where he was the director of employment for 22 years. His expertise in human resources includes recruitment, wage and salary management, labor management and employee relations.

Rose received a bachelor's degree from George Williams College in Chicago and did graduate work in social work at the University of Illinois.

A member of the College and University Personnel Association, Rose authored two papers on employment and has written several chapters for books on personnel.

Jurgen Krause, assistant vice president for Human Resources, said, "Lou Rose brings 20 years of experience in human resources and a fresh perspective to Stony Brook. We eagerly look forward to his contributions."

◆ **Raymond F. Egerton**, materials science and engineering professor, has been designated chairperson of the Department of Materials Science and Engineering.

Egerton, who came to Stony Brook in 1986, received bachelor's degrees in natural sciences and electrical sciences from St. John's College, Cambridge, England, and a doctorate in electrical sciences from Imperial College, London, England.

He is president of the Microscopical Society of Canada and editorial board member of the *Journal of Electron Microscope Technique*.

◆ **Clyde L. Miller**, associate professor of philosophy, has been designated acting chairperson of the department.

He is temporarily replacing Dr. Donn Welton, who is conducting research at the University of Tubingen, West Germany. Welton will resume his duties as of Aug. 31, 1989.

Miller came to the university in 1973, received undergraduate and graduate degrees from St. Louis University, and a doctorate in philosophy from Yale university.

This past year he served as director of the undergraduate philosophy program. In 1979 he won the Chancellor's Award for excellence in teaching, awarded to outstanding undergraduate teachers SUNY-wide.

◆ **Jerry L. Whitten**, professor of chemistry, has been reappointed chair of the Department of Chemistry in the College of Arts and Sciences. He has been teaching and conducting research since September of 1967, and has served as chair of chemistry since 1985.

Whitten received undergraduate and doctorate degrees from Georgia Institute of Technology, and conducted post-graduate research at Princeton University.

He currently resides in Setauket.

CAMPUS CURRENTS

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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. 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).

Bulletin Board

Notices

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

◆ Human Resources is offering a computerized career planning program to help employees learn more about themselves and make informed career planning decisions. The program also promotes job awareness.

An open house about the "Discover" program will be held Sept. 14 from 11 a.m. to 2 p.m. in the Career Training and Guidance Office in Room 111 Humanities. Employees will get hands-on experience in using the program. Refreshment will also be available.

There are two approaches to the program, said Lynn Johnson, career planning and development specialist. One is "Information Only" that helps you search for jobs, learn about occupations, search for colleges and specialized schools, learn about financial aid or review job seeking skills or resume writing.

The second, "Guidance Plus Information," is more comprehensive. It allows you to learn about yourself, your interests and abilities, find occupations that match your personal needs or get help in identifying schools which might offer the training or education you're seeking.

"This is one of the initiatives we're offering employees in the area of personal development," said Harold Mendelsohn, manager for employee training and development. "We're also offering individualized career counseling, workshops on resume writing, interviewing skills and career assessment."

Under development, Mendelsohn said, is a position profile program in which all job descriptions at Stony Brook will be put on computer. The program will first address job descriptions for Civil Service employees and eventually expand to all others.

◆ The Geriatric Evaluation and Treatment Service of the University Hospital at Stony Brook is recruiting patients with Alzheimer's disease for a study on the treatment of problems with night wandering and insomnia. The service is looking for patients with Alzheimer's disease or other diagnosed memory problem; over the age of 60, for whom insomnia or night wandering is a problem. Patients and caregivers who would like to participate are asked to call 444-1618 between 9 a.m. and 4 p.m. for

more information.

◆ Sign up now for Crafts Center courses in basic photography, pottery making, stained glass, batik, watercolor painting, sign language, amateur radio, and more. Call 632-6822 for more information.

◆ English as a second language, fall '88: Sponsored by New York State and CSEA Sept. 6, 8:30 - 12:00 p.m. Lecture Hall 101, testing for beginners. From 1:00 - 3:30, p.m. HSC Union office, 5th level, Room 066, testing for intermediate and advanced.

Orientation Thursday, Sept. 8 from 8:30 a.m. to 9:50 Central Hall, Room 100. Classes will begin Sept. 13 and go through December 21 from 10:00 a.m. to 3:30 p.m. (dependent on the level) in SBS Room N115. Call Millie at 632-6575 for more information.

◆ The university's three choirs are seeking singers.

The Camarata Singers is open to faculty, staff, graduate students, members of the community and upper-division undergraduates who have received permission from choral director Timothy Mount. Good sight-reading, ability to sing in foreign languages and choral experience is required. An appointment is required for auditions; call Mount at 632-7329/7330. First rehearsal is Sept. 7.

The Chamber Singers is mostly (but not limited to) undergraduates. Some sight-reading and choral experience is required. There will be no audition preparation required; auditions will be held Sept. 6 at 7:30 p.m. in the Fine Arts Center Room 0113.

The Stony Brook Chorale is open to all with the ability to read music. Auditions are open and will be held at the same time and place as the Chamber Singers audition. For more information call 632-7329/7330.

◆ Do you have a room, apartment or house to rent? The university's Off-Campus Housing Service is looking for rentals (and houses to share) for faculty, staff and students. Some need temporary living quarters while they await campus residential placement; others need long-term housing. Available facilities are listed free of charge by the Off-Campus Housing Service. If you can help, call the Service weekdays between 10 a.m. and 4 p.m., at 632-6770.

Classified

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 September 6

88-169 - T.H. Radiation Therapist, Department of Radiation Oncology, PR-1E, \$30,000 - \$33,000.

Application Deadline September 12

31-620 - Senior Central Medical Supply Technician, G-8, IDP.

31-621 - Publications Production Assistant, G-14, IDP.

31-622 - Nursing Station Clerk Trainee, Health, \$14,042*.

31-623 - Nursing Station Clerk Trainee, \$14,042*.

31-662 - Senior Bank Examiner, G-23, Banking.

31-662 - Principal Overseas Branch Bank Manager, G-25, Banking.

31-663 - Principal Bank Examiner I, G-27, Banking.

31-663 - Principal Overseas Branch Bank Manager, G-29, Banking.

31-624 - Associate State Accounts Auditor, G-23, Office of Comptroller.

31-625 - Transportation Office Assistant II, G-9, DOT.

31-613 - Senior Editorial Clerk, G-7, Education.

31-729 - Publications Production Supervisor, G-18, Education.

31-616 - Principal Editorial Clerk, G-11, Encon.

31-661 - Food Inspector II (Surplus Foods), G-16, Executive-OGS.

31-627 - Supervisor of Concession Management Field Services, G-23, Parks, Recreation & Historical Preservation.

31-563 - Underwriter, G-14, Labor-SIF.

31-565 - Associate Underwriter, G-18, Labor-SIF.

31-564 - Senior Underwriter, G-18.

31-614 - Senior Editorial Clerk, G-7, State.

31-615 - Principal Editorial Clerk, G-11, State.

Application Deadline September 14

88-159 - Administrative Assistant, School of Social Welfare, PR-1E, \$14,017 - \$22,000.

Application Deadline September 15

UH-2135 - TH Associate Director of Respiratory Therapy, Respiratory Care, SL-4, \$36,000 - \$40,000.

Application Deadline September 19

21-098 - Nursing Station Clerk Trainee, \$14,042.

88-166 - Technical Specialist, Physics, Nuclear Structure Laboratory, PR-1E, \$18,000 - \$25,000.

88-167 - Technical Specialist, Physics, Nuclear Structure Laboratory, PR-1E, \$18,000 - \$25,000.

88-153 - Assistant for University Financial Analysis, Institutional Services, PR-1E, \$20,000 - \$25,000.

UH-2136 - TH Physician Assistant I, Employee Health Service, SL-4, \$30,000 - \$36,000.

UH-2137 - TH Physician Assistant I, Physical Therapy, SL-4, \$38,000 - \$40,000.

Application Deadline September 22

UH-2138 - TH Respiratory Therapist I, Respiratory Care, SL-4, \$28,000 - \$36,000.

Application Deadline Until Filled

88-168 - Vice President for Finance and Management, Campus Finance and Management, PR-6, salary dependent upon qualifications and experience.

FOR SALE: HOMES AND PROPERTY

CORAM CONDO, 1 bdrm, mint condition, pool, golf, beautiful Bretton Woods location, \$109,000, call 698-8041, owner.

CUSTOM COLONIAL, Ronkonkoma/Lake Hills, 20 min to campus, 4 bdrms, 1-1/2 bths, deck, \$170,000, 981

HEAD OF HARBOR, immaculate restored oldie, exposed beams, 2 fireplaces, 3 bedrms, English garden, taxes \$1,400, \$229,000, 862-7988.

FOR RENT

PUERTO RICO CONDO, studio apt, one block from beach, pool, more, call after 5 p.m., 732-3381.

BOATS AND MARINE SUPPLIES

16' MFG, 40 h.p. Evinrude, Highlander trailer (1974), \$600 or best offer. Carolyn, 269-5051, leave message.

WINDSURFER, MAGNUM SUPER NOVA, reinforced mast, \$350, 277-1228, eves.

VEHICLES AND SUPPLIES

1975 GREMLIN, body rusty, engine and frame fine, 95k, 3 spd, \$500, 632-8317, 862-8366.

1975 VALIANT, runs good, call Tim at 632-7329 or 474-4043.

1978 CAMARO, 6 cyl, automatic, p/s, p/b, am/fm stereo cassette, a/c, two alarm systems, asking \$2,500, 277-1228, eves.

1978 MERCEDES 300D, fully equipped, excellent condition, \$6,000. 689-8019 after 7 p.m. or weekends.

1979 FIREBIRD, V8, auto, a/c, p/s, p/b, stereo cass, am/fm radio, 65,000 mi, \$1,195, 724-7684, eves.

1979 VW RABBIT, 5 spd, high miles, runs good, \$1,000 negotiable, 632-8553, Tom.

1981 PLYMOUTH TC3, 60K mi., 2dr., 4spd., hatchback, AM/FM/cass., good cond., front dr., electronic ignition, \$800, 632-2355, 632-8325.

1982 SUBARU GL WAGON, 5 spd, 78k, a/c, am/fm cassette, good condition, economical, \$1,700, 467-3847 eves.

1983 VW RABBIT, GTI, 5 spd, a/c, sunroof, low miles, 35 mpg, \$5,000, negotiable, 632-8553, 331-6271, Tom.

1984 CAMARO, v6-5 spd, \$5,700, a/c, p/s, p/b, f/l, stereo alideout cassette, new clutch, Keystone Raider rims, Gary 473-4488.

1984 FORD TEMPO, 4 cyl, 2.0 litre, automatic, a/c, am/fm, cruise control, \$4,200, 632-7935, A. Shani.

70' NOVA RADIATOR for \$50, almost new, call 2-6387 at 9 a.m. or 12 noon.

FOR SALE: MISCELLANEOUS

ACCORDIAN, FERRARI 120, bass, student size, pearlized finish, \$100, call Myma, 928-5743.

ANTIQUA REFRIG, 9 cubic upright, good running condition, call Vicky, 2-6158.

ATARI 800 COMPUTER with software, basic compiler, Rana disk drive, excellent, 744-5330, eves.

BIG SOLID WOODEN CRATES, ideal for overseas transportation, \$10 each, 689-2311, Jin.

GIBSON hard case for D-sized acoustic guitar, \$50, strange antique mandolin, \$75, 928-4999.

HP THINKJET PRINTER, brand new; \$285, call Greg, 4-1423.

KAYPRO, 4/84, WORD PROCESSOR, full set of programs, micropro software, D Base II, Juki l/q printer \$300, 751-8419 eves.

KITCHEN CABINETS: 18' solid birch including FREE Kitchenaid dishwasher, "L" shape, \$600, 543-5314 eves: Maniuszko.

TABLE, contemporary, black laminate, 36"x36", chrome base, four matching Bryer chairs; great condition, \$250, 924-4879.

TOASTER OVEN \$15; skateboard; fishbowl; b/w TV \$20; 8-track tapes \$2 ea; shopping cart \$12; rotisserie, call 2-7802.

WATERBED, mattress only, queen size, \$25, call Tim at 632-7329 or 474-4043.

WANTED

A CANOE, please call 2-6387 at 9 a.m. or 12 noon.

COLORED DEPRESSION GLASS, other antiques and collectables bought, estate sales arranged; 2-0710 days, 581-8796 eves.

FEMALE INTERN, needs room, 2-3 days/wk, responsible, clean, unfortunately also broke (maximum \$30/wk) Carina 674-4601.

VOLUNTEER READERS NEEDED, for disabled student services, please call 632-6749/8.

VOLUNTEERS NEEDED, students & faculty for our taping service, call Disabled Student Services, 632-6748/9.

FREE

19?? VOLKSWAGEN BUG ENGINE, you haul it, you own it! Nora 2-0427 or 744-2440 eves.

Kittens, two adorable litter-trained. One grey, one multi, free, call 632-6140 or 732-7411.

Campus Currents Classified Ad Policies

1. Campus Currents classified section may be used only by Stony Brook faculty, staff, and students.
2. All items for sale or rent must be the advertiser's property.
3. Ads not carried because of space restrictions will be held for publication in the next issue.
4. Ads are run only once and must be resubmitted if they are to be repeated.
5. Ads will not be accepted over the phone.

- | | | |
|--|--|---------------------------------------|
| <input type="checkbox"/> For Sale: Boats & Marine Supplies | <input type="checkbox"/> For Sale: Miscellaneous | <input type="checkbox"/> Wanted |
| <input type="checkbox"/> For Sale: Homes & Property | <input type="checkbox"/> Car Pools | <input type="checkbox"/> Lost & Found |
| <input type="checkbox"/> Vehicles & Supplies | <input type="checkbox"/> For Rent | <input type="checkbox"/> Free |

Please print your ad below in 15 words or less using one word per block. Include your name and phone number to call.

Note: The following must be completed for your ad to appear.

NAME (Please Print) _____

Signature _____ Campus Phone _____

Send to: Campus Currents, 328 Administration Building 0605

Upcoming

Calendar items, event material and photos should be sent to the Upcoming Editor, 322 Administration Building

TUES., SEPT. 6

Audition Chamber Singers F88: 7:30 p.m. FAC 0113 Missa l'homme arme, a Renaissance Mass by Ockeghem, in a new performing edition. Mostly, but not limited to, undergraduates. Mondays and Wednesdays 12:50-1:45 p.m. & participation in SB Chorale. No audition preparation required. For information, call 632-7330.

Audition for Cloud 9 and The Madwoman of Chaillot, Theatre Arts Department, Fine Arts Center, 3rd. Floor today Sept. 6 and tomorrow Sept. 7 between 6:30 and 10:00 p.m. For more information, call 632-7277 or 632-7300.

Audition Stony Brook Chorale: 7:30 - 10:30, FAC 0113 Britten, Festival Te Deum, Brahms, 4 Gypsy Songs, and Childhood of Christ (in French) with Stony Brook Symphony. Open to all. Tuesdays 7:30-10:30 p.m., Fine Arts Center 0113. Ability to read music required but great sightreading is not. No audition preparation required. For information, call 632-7330.

WED., SEPT. 7

University Convocation: John H. Marburger, Office of the President. President Marburger's topic will be "Stony Brook Enters the decade of Refinement." 12:15-1:30 p.m. Recital Hall of Fine Arts Center

Women's Soccer at Adelphi - 4:00 p.m.

Quarterly Staff Meeting - Pediatric Attending Staff 8:00 a.m., Health Sciences Center, Lecture Hall 6, Level 3

First Rehearsal: Camerata Singers F88 7:30-10:30 p.m. Fine Arts Center 0113

FRI., SEPT. 9

Lee Krasner and American Women Artists in the 1940s. Sponsored by the Fine Arts Center Art Gallery and the Women's Studies Program. 10:00 a.m. - 12:30 p.m. Art Gallery. Free and open to the public. Lecturing: Dr. Stephen Polcari (SUSB); Dr. Ann Gibson, Yale

University; Dr. Ellen G. Landau, Case Western Reserve University.

TUES., SEPT. 13

Seminar: The Genetic Engineering of Modified Interferons with Novel Properties, Dr. Alan Porter, Institute of Molecular and Cell Biology, National University of Singapore, Life Sciences Lab, Room 038, 12:30 p.m.

WED., SEPT. 14

1988-89 Film Series, Bernardo Bertolucci's Before the Revolution (Italy), Stony Brook Union Auditorium, 7:00 and 9:30 p.m. Admission \$2.00.

Women's Soccer at St. John's - 4:00 p.m.

Fringe Benefit Orientation Session for New Faculty at Jacob Javits Lecture Center, Room 105, today, 9:45 a.m. and 2:00 p.m. and tomorrow, Thursday, Sept. 15 at 10:00 a.m. and 2:30 p.m. Call 2-6150 for more information.

Women's Volleyball at Mercy - 7:00 p.m.

SEMINARS

Tuesday Sept. 6: 7:00-10:00 p.m. Room 423 Chemistry Building, Profs Lauher and Koch, SUSB: "X-Ray Diffraction and Crystal Structure Analysis"

Thursday Sept. 8: 4:00 p.m., Room 412 Chemistry Building, Organic Seminar: John Chabala, Merck, Sharpe & Dohme "Platelet Activating Factor Antagonists—synthesis and Receptor Binding"

Thursday Sept. 8: 3:00 p.m., Grad Physics C120, Surface Science Seminar: P.M. Marcus, IBM "2D Crystallography and Glossary"

Thursday Sept. 8: 12:00 p.m., Rm. 412 Chemistry Building, Physical Chemistry Seminar: Myron Strongin, Brookhaven "a Physicist's View of Oxidation"

Thursday Sept. 15: 4:00 p.m., Room 412 Chemistry Building, Organic Seminar:

Iwao Ojima, SUSB "New Approaches to the Asymmetric Synthesis of Non-Proteinogenic Amino Acids"

Notice: Those planning to attend the entire seminar series may receive graduate college credit by enrolling in CHE 592, Instrumental Methods, through the Stony Brook program for Continuing Education. For more information contact the Department of Chemistry, 632-7886.

EXHIBITIONS

THROUGH SAT., SEPT. 10

Sept. 7: Lee Krasner: Paintings 1956-1984. Topics in Art videotape of Lee Krasner in her studio entitled "The Long View." In at 1 p.m.

THROUGH FRI., SEPT. 16

Union Crafts Center Faculty, featuring Pottery, Photography, Sculpture, Weaving, Wood, Basketry, Prints, Batik, Second Floor, Stony Brook Union. Call 632-6828 for more information.

HOURS

Fine Arts Center:
Gallery Hours - Tuesday through Saturday 12:00 - 4:00 p.m.
Note: Between 9/11 and 9/21, gallery will be closed.

Barnes & Noble Bookstore:
Monday and Tuesday 9:00 a.m. - 7:00 p.m.; Wednesday and Thursday 9:00 - 5:00 p.m.; Friday 9:00 - 4:00; Saturday 10:00 - 2:00

Gym: 7:30 a.m. - 11:00 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. 2:00 p.m. - 4:00 p.m.

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

Library:

Library will be closed Sept. 11 for Rosh Hashannah and open Sept. 12 from 8:30 a.m. to 5 p.m.

Reference, Commuter Lounge, Gov't documents, current periodicals, maps:

Monday-Thursday: 8:30 a.m. - 12 a.m.
Friday: 8:30 a.m. - 8 p.m.
Saturday: 10 a.m. - 6 p.m.
Sunday: 12 p.m. to 12 a.m.

Reserve:

Monday - Thursday: 8:30 a.m. - 12 a.m.
Friday: 8:30 a.m. - 5 p.m.
Saturday: 10 a.m. - 6 p.m.
Sunday: 12 p.m. - 12 a.m.

Circulation, stacks:

Monday - Thursday: 8:30 a.m. - 11 p.m.
Friday: 8:30 a.m. - 8 p.m.
Saturday: 10 a.m. - 6 p.m.;
Sunday: 12 p.m. - 11 p.m.

For Music and Science Libraries; Special Collections, call for hours

Health Sciences Library:

Monday-Thursday 8:30 a.m. - 11 p.m.
Friday: 8:30 a.m. - 9:00 p.m.
Saturday: 8:30 a.m. - 5:00 p.m.
Sunday: 1:00 p.m. - 9:00 p.m.

RELIGIOUS SERVICES

Jewish

Conservative/Egalitarian Service

Rosh Hashanah

Sunday Sept. 11 7:00 p.m. Evening Service, Tabler Quad Dining Hall
Monday Sept. 12 9:30 a.m. Morning Service; Musaf
6:30 p.m. Tashlikh - Roth Quad Pond
7:00 p.m. Mincha; Ma'ariv
Tuesday Sept. 13 9:30 a.m. Morning Service; Musaf

Orthodox Service

Stony Brook Hebrew Congregation
All Services: Math Tower S-235

Rosh Hashanah

Sunday, Sept. 11 7:00 p.m.
Monday, Sept. 12 8:30 a.m.
6:30 p.m.
(Tashlikh - Roth Quad Pond)
7:00 p.m.
Tuesday, Sept. 13 8:30 a.m.
7:00 p.m.

Roman Catholic:

Mass schedule is Monday and Wednesday at 5 p.m. and Tuesday and Thursday at 12 p.m., Humanities 157; Monday through Friday at 12 p.m., Hospital Chapel, Level 5; Sunday at 11 a.m., 5 p.m. and 7 p.m., Peace and Disarmament Studies Center, Old Chemistry.

Protestant:

Wednesdays, 12:30 p.m., Interfaith Lounge, Rm. 157 Humanities Bldg.

Important Dates To Remember

Wednesday, Sept. 7: Last day to drop a course with zero tuition liability

Friday, Sept. 16: End of late registration period

Commuter Bus Schedule

North Local

Operates Monday through Friday 7:30 a.m. to 6 p.m. on the hour and half hour from North P lot/LIRR station. Route times are after each hour and are approximate.

Route	Time
North P Lot/LIRR Station	:00 :30
Kelly	:02 :32
Gymnasium, Grad Chem, Grad Physics	:03 :33
Student Union, Bookstore, Library,	
North Campus Academic	:05 :35
Administration Building	:07 :37
Day Care Center	:10 :40
Hospital Main Entrance	:11 :41
Chapin Apartments	:12 :42
Dental Clinic	:14 :44
South P Lot	:15 :45
South Campus	:19 :49
Tabler/Roth	:21 :51
Tabler Steps	:23 :53
Engineering Mall	:24 :54
Kelly	:26 :56
North P Lot/LIRR Station	:30 :00

South Local

Operates Monday through Friday from 7:30 a.m. to 11 p.m. on the hour and half hour from South P Lot.

Route	Time
South P Lot	:00 :30
Dental Clinic	:01 :31
Chapin Apartments	:05 :35
Hospital Main Entrance	:07 :37
Day Care Center	:08 :38
Administration Building	:10 :40
Student Union, Bookstore, Library,	
North Campus Academic	:05 :35
Gymnasium, Grad Chem, Grad Physics	:03 :33
Kelly - Stage XII	:13 :43
North P Lot	:15 :45
LIRR Train Station	:17 :47
Kelly	:19 :49
Engineering Mall	:21 :51
Tabler Steps	:22 :52
Tabler/Roth	:23 :53
South campus	:24 :54
South P Lot	:25 :55

University Convocation Series 1988 - 1989

The Office of the President will host the opening session of the second annual University Convocation Series on Sept. 7 from 12:15 p.m. to 1:30 p.m. in the Recital Hall of the Fine Arts Center. President John H. Marburger will give the keynote address for this year, "Stony Brook Enters the Decade of Refinement."

The convocations provide a forum to recognize excellence at Stony Brook. The administrative offices hosting each convocation take this opportunity to recognize members of the university community who have won prizes or awards and to present programs on topics of importance to the university.

September 7

John H. Marburger, Office of the President. President Marburger's topic will be "Stony Brook Enters the Decade of Refinement."

Oct. 5

Aldona Jonaitis, Office of the Vice Provost for Undergraduate Studies

November 8

Robert L. Lichter, Office of the Vice Provost for Research and Graduate Studies

Mar. 15

Paul Edelson, Office of the Dean of the Center for Continuing Education

April 4

J. H. Oaks, Office of the Vice President for Health Sciences (location to be announced)

May 10

J. R. Schubel, Office of the Provost