

CAMPUS CURRENTS

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

◆ December 5, 1988 ◆ Volume 6, Number 31



Photo by Pat Colombraro

Dr. Clinton Rubin discusses a strain gauge on bone with Steve Bain (left) and Ken McLeod.

Stony Brook In Space

Searching For Ways To Diminish Bone Loss In Low Gravity Situations

By Sue Risoli

One of the goals of the National Aeronautics and Space Administration (NASA) is to send astronauts into space for prolonged periods. Unfortunately, the human skeleton may not cooperate.

Space travelers begin losing bone mass immediately as a result of reduced gravity. The problem worsens with length of time spent in space. Now Stony Brook researchers are working to find out why this happens, and what NASA can do about it. Their research could also shed

light on the gradual bone loss known as osteoporosis—a process that begins to affect us all after age 30.

Dr. Clinton Rubin and postdoctoral researchers Kenneth McLeod and Steven Bain (all of the musculo-skeletal laboratory in the Department of Orthopedic Surgery) are studying how the skeleton reacts to "disuse atrophy."

"In extremely low gravity situations—what we call 'weightlessness'—you're not walking or using your lower extremities as you would normally," explains Dr. Rubin. "The body decides it doesn't need all the bone it's carrying around, so it starts to get rid of it rather quickly."

Though bone loss occurs all over the body, "it's not critical if you lose bone in the tip of your nose," points out Dr. Rubin. "It's when you start losing bone in your legs and spine that the problems begin." Soviet astronauts on long flights have experienced "a significant amount of limb and muscle pain," points out Dr. Bain, "and American Skylab astronauts, even five years after flight, still have not regained all of their bone mass." Though it's not clear exactly how much bone the body loses, it could be as much as 20 percent in certain localized areas following only three months in space.

The major difficulty occurs not when astronauts are up in space, but when they return to earth and try to function normally with reduced bone mass. Though lengthy missions of a year or more cause the greatest amount of bone loss, even multiple, short-term missions could "come back to haunt astronauts later on in life, when they're 60 or 70," says Dr. Rubin. And, since we all lose bone mass as we age, "what happens if you send into space a 50-year-old scientist who's already becoming osteoporotic?"

Along with Dr. Rubin, Drs. Bain and McLeod are attempting to understand the mechanism of the bone loss. The researchers, two of seven scientists in the nation to receive NASA Space Biology Fellowships, are examining bone from an electrical and mechanical standpoint. "What signals does the skeleton see, in the

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Common Blood Test May Not Detect Late Stage Lyme Disease

By Wendy Greenfield

The common blood test used to diagnose Lyme disease may not detect the illness in some people who were treated with antibiotics for an early stage of the disease, a study by Stony Brook researchers has found.

The report also found that the standard treatment of low doses of antibiotics may not be effective in treating the early stage of the deer tick-borne illness.

The study, by Raymond Dattwyler, M.D., director of the Lyme Disease Clinic at University Hospital at Stony Brook, and an interdisciplinary team of Stony Brook researchers, was published in the Dec. 1 issue of the *New England Journal of Medicine*. The researchers include David J. Volkman, M.D., Ph.D., Benjamin J. Luft, M.D., and Josephine Thomas, research assistant, all in the Department of Medicine; John J. Halperin, M.D., Department of Neurology; and Marc G. Golightly, Ph.D., Department of Pathology.

The study examined 17 patients who developed symptoms of Lyme disease after they had been treated with antibiotics for an early stage of the disease. Dr. Dattwyler said the common blood test used to detect Lyme disease did not work on these patients because the antibiotics limited the antibody response to the disease.

The Lyme disease research team at Stony Brook has developed another test that involves culturing T-lymphocytes (white blood cells) and pinpointing their reaction against the bacteria that causes the disease.

Dr. Dattwyler pointed out that the Stony Brook clinic, which sees over 200 patients annually, routinely performs the test on patients who have symptoms of the disease but show no antibodies for it.

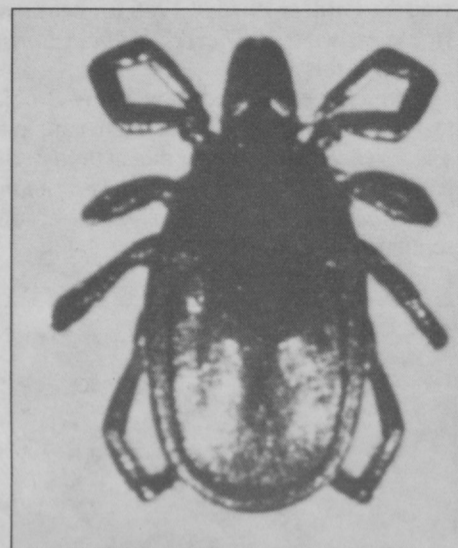
Dr. Dattwyler said the test can only be done at a few centers because it requires researchers to grow the Lyme bacteria and the infected person's white blood cells. He added, however, that the antibody test is still the best test to detect the disease.

The study also found that low doses of oral antibiotics, including tetracycline and penicillin, may not be adequate to treat the early stage of the illness. The Stony Brook clinic uses high doses of oral antibiotics, including doxycycline or amoxicillin, to treat early Lyme disease. Dr. Dattwyler said that low-dose oral therapy was abandoned by the clinic three years ago.

Lyme disease is caused by bacteria and transmitted by ticks that infest deer and small rodents. Symptoms include rash, fatigue, chills, stiff joints and other neurological problems. In Suffolk County, there are 864 reported cases to date, according to the Suffolk County Health Department. Conservative estimates put the number of cases at more than 5,000 nationwide.

The disease can usually be treated at all stages by antibiotics and is not considered to be fatal. But left untreated, it can lead to more serious complications, such as neurological, heart and severe joint problems.

The disease was first identified in Sweden in 1909 and described more fully in 1975 in Lyme, Conn. In recent years, state and local health departments and



The deer tick, carrier of Lyme disease.

other groups have been conducting informational campaigns to inform people about the disease, which is most prevalent in Eastern Long Island, Westchester County and Connecticut. Today, the illness has become a national health problem, Dr. Dattwyler said.

Stony Brook's research team is working to develop better diagnostic tests and treatment regimens. The university received \$250,000 from the state budget this year to work toward those efforts. The research also receives some funding from the National Institutes of Health and private donations.

Dr. O'Leary Is One Of Four Distinguished Professors At Stony Brook

K. Daniel O'Leary, professor of psychology, is one of four Distinguished Professors at Stony Brook.

The title recognizes achievement of fame and esteem in a particular field as a result of original contributions. Recognition may be gained through publications, lectures, research findings and training of students. Nominations from SUNY campuses must be supported by people eminent in the field. The appointments are made by the Board of Trustees upon the recommendation of the SUNY chancellor.

Among the Stony Brook Distinguished Professors are C.N. Yang, Albert Einstein Professor of Physics and director of the Institute for Theoretical Physics; Charles Rosen, professor of music; and Edward Reich, professor of pharmacology.

Dr. O'Leary has been on the Stony Brook faculty since 1967, serving as chairman in 1978, director of the University Laboratory School and coordinator of the Child Psychological Clinic. He is currently director of the Marital Therapy Clinic.

He is the co-author of three books, *Classroom Management: The Successful Use of Behavior Modification*; *Behavior Therapy: Application and Outcome*; and *Principles of Behavior Therapy*. He wrote *Mommy I Can't Sit Still: Coping with the*

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Stony Brook Punter Named To Kodak All-American Team

Senior punter David Lewis (Setauket, NY - Ward Melville HS) of the University at Stony Brook Patriots was named to the Kodak All-American Team for College Division II by the American Football Coaches Association (AFCA).

The College Division II squad represents the best from NCAA Division II and NAIA Division II colleges and universities. The selection committee is chaired by Bill Manlove of Widener University.

Mr. Lewis was also named to the Eastern College Athletic Conference (ECAC) Metro NY-NJ All-Star team this season and to the Liberty Football Conference All-Star team as well.

Mr. Lewis is the second Stony Brook gragger in as many seasons to earn first-team All-American status. Defensive back Chuck Downey earned the honor last year. This year, Mr. Lewis led the NCAA Division III in punting with an average of 42.6 yards per punt. The 6-foot 1-inch, 185 punter had a net average of 38.9 yards per punt. Fourteen of his punts ended up inside the 20, with seven landing inside the 5-yard line.

This is the second time that Mr. Lewis has been the Division III punting leader. As a sophomore at Muhlenberg in 1985, he averaged 41.6 yards per kick.

Pulitzer Prize Novelist Alison Lurie To Read From Her Fiction

Pulitzer Prize-winning novelist Alison Lurie will read from her works in a special presentation Dec. 7 in the gallery at the Staller Center for the Arts at Stony Brook. The 3 p.m. event is free and open to the public.

The program — co-sponsored by Stony Brook's English Department, Humanities Institute and the Office of the Provost in conjunction with *Newsday* — will be followed by a reception in her honor.

Ms. Lurie, a professor of literature at Cornell University, won the Pulitzer Prize in 1985 for her novel, *Foreign Affairs*. Her latest work is *The Truth About Lorin Jones* which was published this year.

She will be introduced by Stony Brook English professor and fellow novelist Thomas Flanagan, author of *The Year of The French* which won the National Book Critics Circle Award in 1979. His latest work, *The Tenants of Time* was also published earlier this year. A brief question-and-answer session will follow the reading.



Alison Lurie

Photo courtesy of Times Newspapers, Ltd.

Public Safety Offers Tips To Keep Computers Safe

In light of recent computer thefts, Public Safety has stepped up their efforts to inform students, staff and faculty about computer security.

Herbert L. Petty, assistant director of Public Safety offers the following tips on how to keep your computer equipment safe from theft.

The easiest (and most inexpensive) way to deter theft, says Mr. Petty, is to employ "plain common sense." Windows in ground-level offices should be locked at the end of each day, door locks should be sound and deadbolts should be installed. In addition, "key control," or limiting office key circulation, should be practiced, he said.

Inside office walls, hardware devices can deter burglars who, according to Mr. Petty, "want to be able to take and run." These devices range in price from \$50 to hundreds of dollars, usually depending on their level of effectiveness. The cheapest is the simple cable, which links the disk drive to the desk or table on which it sits. More elaborate devices are metal "enclosures" that house the disk drive and secure it to a surface by adhesion, and security pads which adhere the disk drive directly to a surface.

For more information or demonstrations of computer theft-prevention hardware, contact Mr. Petty in the Public Safety Office at 2-6350.

— Catherine Copeland

Diminishing Bone Loss In Low Gravity Situations

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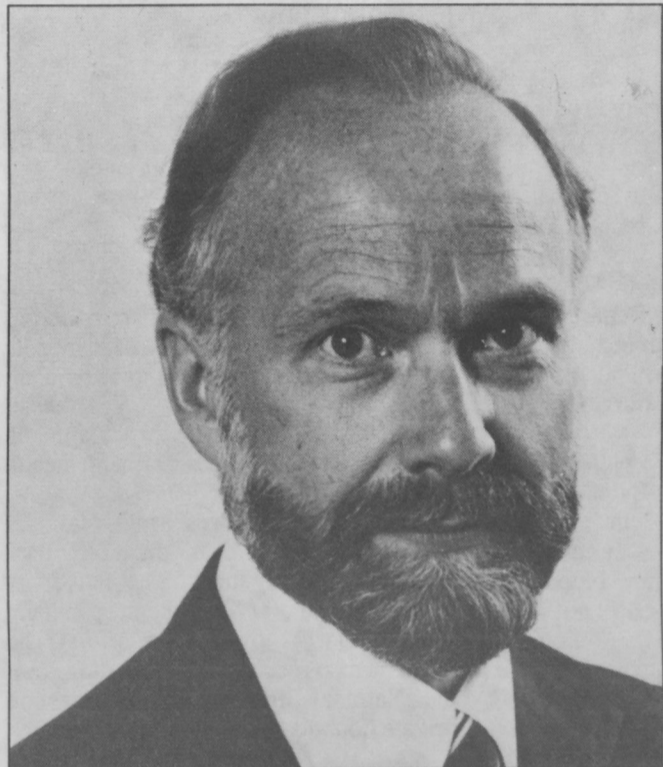
normal physical environment, that tell it to maintain bone mass?" says Dr. Bain. "What is it in space that prohibits the skeleton from seeing those signals? If we knew, we could design exercises or treatments that could prevent bone loss."

Dr. Bain is studying how bone cells modify skeletal size and shape in response to different types of physical activity. Dr. McLeod is looking at how electrical currents flow through the fluid within bone.

"It could be that the shape of the bone cells themselves becomes altered in space," says Dr. Bain. "Perhaps this change upsets the network of communication between cells. At this point, we're not sure."

Though bone loss in space is "a problem we've invented for ourselves," says Dr. Rubin, longer life spans also increase the need for understanding the mechanisms of bone loss.

"People think bone is just a static structure, but it's a living, changing organ," he concludes. "We need to know more about it."



Dr. K. Daniel O'Leary

O'Leary : One Of Four Distinguished Professors At Stony Brook

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Aggressive and Hyperactive Child and Assessment of Marital Discord. His sixth book, *Marital Therapy Treatment for Depression*, is currently in press.

Dr. O'Leary was cited among the top 100 psychologists in the English-speaking world by *American Psychologist* journal.

He received the Distinguished Scientist Award from the Clinical Division of the American Psychological Association in 1985, and was installed in the National Academies of Practice in Psychology in 1986. He is a fellow of the American Psychological Association.

During the first portion of his research career, he studied token reinforcement, self-control, hyperactivity and observational methodology. During the past 10 years, his research has been on marital therapy, the relationship between marital and child problems and spouse abuse.

His work on marital discord and spouse abuse has attracted widespread media attention. He and his researchers have been on *World News Tonight* and *Live with Regis Philbin* and *Kathy Lee Crosby* (both WABC TV), and have been interviewed by *Family Circle*, *USA Today*, *Time* and *Self* magazine.

— Wendy Greenfield

Administration Notes

Cost-Saving Suggestions. You're already recycling discarded memos, reports and newspapers. You conscientiously turn off lights when not in use.

So how else can you help the university save money?

That's what the recently-created Budget Reduction Advisory Team (BRAT) wants to know. Suggestion boxes have been placed at three locations around the campus.

President John Marburger appointed the 14-person committee two months ago to examine ways the university might further reduce costs and increase productivity in face of the state's continuing budget crisis. Meeting every two weeks, the team is exploring a variety of options brainstormed by its own members. Having assembled that list, the team now wants ideas from the general campus community.

If your idea pays dividends, the team hopes to duly reward you. Means of awarding privately-funded incentives ranging from dinner at a local restaurant to a \$1,000 savings bond are being explored, said Dennis Stoner, assistant for special projects in the Office of Finance and Administration and BRAT member.

You'll find suggestion boxes in three locations: the lobby entrance (facing the quad) of the Administration Building, the Health Sciences Center fifth floor adjacent to the cafeteria and CSEA offices, and the lobby of the Stony Brook Union adjacent to the information desk.

Still Waiting For A Number. The full impact of the state's budget crisis on the university is still to be determined. SUNY administrators had hoped by Dec. 1 to assign each campus a target number for additional cuts in wake of an estimate that the state's budget deficit in the current fiscal year would total \$2 billion, up from the \$900 million projected in June. At the time *Currents* went to press, that number was not yet in hand.

Scholarship Management Program. A new program administered by the Office of Financial Aid and Student Employment aims to increase the effectiveness of scholarship funding.

One objective of the program is to avoid over-commitment of institutional funds through the Stony Brook Foundation. It also will ensure that scholarship recipients meet criteria established by the university and by donors of funds. Both institutional scholarships (those offered by the university) and non-institutional scholarships (those awarded by agencies external to the university) are included to ensure that the broadest number of deserving students can be considered for scholarship aid and funds are not monopolized by a small number.

The new program requires that all institutional scholarship endowments and accounts be registered in the Office of Financial Aid and Student Employment, which will develop an annual publication listing all registered scholarships. At the beginning of each academic year, the office will inform representatives of granting offices and departments regarding the availability of funds in each account.

All scholarship offers to students or applicants will be made through or in conjunction with the Financial Aid Office, which will have sole responsibility for determining economic eligibility for needs-based scholarships.

A full description of the new program is available by contacting Mr. Sherwood Johnson, director of Financial Aid and Student Employment (2-6840) or Mr. Paul Chase, assistant vice president for Student Administrative Services (2-6700).

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 516/632-6310.

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Stony Brook

Nominations Now Being Accepted For Professional Service Awards

Nominations are now being solicited for the 1988-89 Awards for Excellence in Professional Service. These awards provide an opportunity to recognize outstanding performance by campus professional employees. Winners of these awards will be appropriately recognized and rewarded. They will receive a framed certificate, an inscribed medallion and a \$500 cash award and will be honored at a dinner party at the President's home and at a campus reception co-hosted by the President and the Professional Employees Governing Board.

Eligibility

Nominees for these awards must have a non-teaching, full-time professional appointment at the State University of New York at Stony Brook, the Research Foundation or any other integral unit of the University and must have completed at least one year of continuous full-time professional service in the position for which nominated prior to September, 1988. Vice Presidents and individuals acting in those capacities are not eligible for these awards; nor are previous award winners.

Criteria

Nominees for the award should be individuals who have repeatedly sought improvement of themselves, their campuses and ultimately State University and, in doing so, have transcended the normal definitions of excellence. At all position levels, nominees shall be those individuals who can serve as professional role models for a University system in the pursuit of excellence.

The following criteria shall be used in selecting persons for nomination for the award:

Within the position description - The candidate must perform superbly in fulfilling the job description for the position held.

Beyond the position description - The candidate should also demonstrate excellence in professional activities beyond the parameters of the job description. The ideal candidate shall

satisfy the standards in a creative and innovative fashion while demonstrating flexibility and adaptability to institutional needs. Consideration should be given to capabilities and accomplishments in the areas of leadership, decision making, and problem solving. Evidence in this category would include professional recognitions, initiation of ideas, development of proposals, committee activities, etc.

Any member of the campus community may nominate candidates for the Awards for Excellence in Professional Service. Nominators are responsible for compiling

support files for their nominees. A strong support file is essential for the ultimate success of a nomination. Each file shall include the nominees' curriculum vitae and supporting statements.

Completed files must be submitted to the Selection Committee by no later than Jan. 2, 1989.

Please send nomination files to:
0701

Selection Committee
Awards for Excellence
in Professional Service
Administration Building, Room 310

Updating Policy And Procedure Protocol

The "Blue Book" — otherwise known as the Administrative Organization, Policies and Procedures Manual — is being updated. Overseeing the process is an Administrative Manual Committee, chaired by Barbara Sewell.

Campus Currents periodically will publish revised policies as they are enacted. We begin this series, appropriately, with the revised policy and procedure for instituting new policies and procedures.

Section: Administrative Affairs
Subject: Policies & Procedures
Issued by: Office of the President

General

The SUNY Stony Brook Administrative Manual provides information on campus-wide administrative policies and procedures to all

university personnel responsible for the implementation of such directives. The manual is developed and maintained by the Vice President for Administration or his or her designee.

The manual is distributed to each department and senior official on campus, the reference desks of the Melville and Health Sciences Center Libraries, and the SUNY Counsel's Office and the Research Foundation in Albany.

Policies/Procedures - Approval Process

Policies/procedures may be proposed by an employee of the university and submitted through the organizational chain of administrative offices to a Vice President or the Provost, as appropriate. The proposed policy/procedure is then forwarded to the Vice President for Administration to be prepared in the

standard format for review by the Vice Presidential Advisory Group (VPAG) and other consultative bodies within the university's governance structures, as appropriate. Policies/procedures become official upon the written approval of the President. Proposed revisions of existing policies and procedures are to be submitted for approval in the same manner.

Directives from State and Federal Agencies

Campus procedures may require modification in accordance with directives from State or federal agencies. The Office of the Vice President for Administration will draft such revisions and forward them to the Vice Presidential Advisory Group for review. Following endorsement by the President, these procedures will be included in the Administrative Manual.

Bulletin Board

Notices

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

Sleep Disorder Center Needs Volunteers: 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 statewide campaign to support passage of the Act for Better Child Care, or be kept informed on child care issues, please call 2-6457.

Holiday Craft Fest '88: One of a kind arts and crafts gifts, individual items in ceramics, clothing, wood, fiber, glass, food and drawings! Live music 12 - 2 p.m. Shop on campus. December 6, 7 and 8. Fireside Lounge and Lobby, SB Union.

Auditions: For the Department of Theatre Art's upcoming productions of *Talley's Folly* and *A Funny Thing Happened on the Way to the Forum* will be held on Dec. 12, 13 and 14, 1988.

Wanted: Volunteers to visit Jewish residents in local nursing homes during Chanukah. Brighten their holiday. Call the Hillel Office at 2-6565 to participate. Transportation is provided.

Personal Computer Training: The School of Continuing Education will offer evening courses in Personal Computer Training, classes beginning January 3, 1989. To receive a brochure with details and registration information, call 2-7071.

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

Faculty/Staff Blood Drive

*Tuesday, December 6
Between 8:30 am and
2:15 pm in the gym.
Call 2-6150 for an
appointment.*

*It takes minutes to donate;
rewards can last a lifetime*

Employment

POSITIONS AVAILABLE

NOTE: Submit one application for each position to either the 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 December 5

88-217 - Senior Staff Assistant, SL-3, \$24,000, Undergraduate Studies.

88-222 - Research Support Specialist, SE-2, \$19,071-\$29,000, Department of Medicine, Infectious Diseases.

Application Deadline December 7

C-304-88 - Account Clerk, SG-5E, Research Foundation, Accounts Payable.

C-305-88 - Senior Stenographer, SG-9E, Research Foundation, Psychology.

T-52-88 - Laboratory Technician, SG-9E, Research Foundation, Allergy, Rheum. & Clinical Immunology.

T-53-88 - Sr. Laboratory Technician, SG-12E, Research Foundation, Med./Inf. Diseases.

HSC-492-88 - Dental Assistant, SG-6, Permanent, Dental Care Center.

*UH-493-88 - Keyboard Specialist, SG-6, Contingent Perm, Psychiatry.

*UH-495-88 - Psych. Therapy Aide, SG-9, Permanent, Psychiatry.

Application Deadline December 13

*Repost 88-219 - Instructional Support Technician, SL-3, \$24,000-\$28,500, DLAR.

Application Deadline December 14

*Repost 88-210 - Research Support Specialist, SE-2, \$18,000-\$26,000, Pharmacological Science.

*Repost 88-214 - Assistant for University Financial Analysis, PR-2, \$30,000-\$37,000, Payroll.

88-224 - Senior Research Support Specialist II, SE-2, \$34,000-\$37,000, Psychiatry.

88-225 - Research Support Specialist, SE-2, \$19,071-\$29,000, Med./Infectious Disease.

Application Deadline December 18

UH-2156B - Nursing Home Administrator, TBD, \$67,800-\$83,375, L.I. Veterans Home.

Application Deadline December 19

88-223 - Instructional Support Technician, SL-3, \$27,000-\$31,000, Psychiatry.

*Repost 88-179 - Staff Assistant, SL-2, \$23,000-\$28,000, Vice President Campus Finance and Management.

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.

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.

Upcoming

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

Monday December 5

Astrophysics Journal Club: ESS, Room 450, noon.

Menorah Lighting: SB Union, 5:30 p.m.

Basketball: Patriots at Old Westbury. 7:05 p.m.

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

Israeli Dancing: SB Union. 8 p.m.

Tuesday December 6

Faculty/Staff Blood Drive: Between 8:30 a.m. and 2:15 p.m. in the gym. Call 2-6150 for an appointment.

Surface Science Seminar: "Electron Spectroscopy for Chemical Analysis (ESCA)," R. Brundle, IBM. Grad Physics, S240, 3 p.m.

Menorah Lighting: SB Union, 5:30 p.m.

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

Basketball: Lady Patriots at William Smith. 7 p.m.

Wednesday December 7

Reading: *The Truth About Lorin Jones*. Pulitzer-prize winning novelist Alison Lurie. Staller Center for the Arts, Gallery. 3 p.m. Reception to follow.

Swimming: Lady Patriots at New York University, 5 p.m.

Operations Research Seminar: "Multi-Reservoir River Basin Models," Professor Matthew J. Sobel, Department of Applied Mathematics and Statistics, Math Tower, Room P-131, 12:30 p.m.

Swimming: Patriots at New York University, 5 p.m.

Menorah Lighting: SB Union, 5:30 p.m.

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

Basketball: Patriots at Lehman, 7:05 p.m.

The Stony Brook Film Society presents:
Theodoros Bafaloukos'

ROCKERS

Featuring the music of Peter Tosh,
Burning Spear, Jacob Miller.

A jaunty movie with a bright and comic pace...the multi-mooded reggae score is excellent...

Wednesday, December 7
7 p.m. and 9:30 p.m.

Admission \$2
Stony Brook Union Auditorium

Thursday December 8

Student Concert: Stony Brook Dance Ensemble. Today, tomorrow and Saturday. Staller Center for the Arts, Theatre II, \$4/Adults, \$2/ST, SS, 8 p.m.

Computer Demonstration: Library Open House to demonstrate "Colleague," a computerized medical literature and information retrieval service) 9 a.m. - 5 p.m., Health Sciences Library, Level 3, HSC.

Art Exhibit: Art exhibit and reception for CED students. Social & Behavioral Sciences Building, Room S-102.



Dynamo Theatre/La Troupe Circus: Staller Center for the Arts, Main Stage. Exciting, fast-paced. Tickets: \$14/\$7 for children, 8 p.m. Photo by Pierre Crépeau

Lecture: "Human Insulin Proreceptor Processing and Insulin Resistant Diabetes." Dr. Donald F. Steiner, Univ. of Chicago. Dept. of Physiology & Biophysics. Room 140, T-4, Basic Health Sciences Tower, 3 p.m.

Organic Seminar: "Reactions of Organic Compounds With Organometallic M-O and M-N Bonds," R.C. Bergman, UC Berkeley. Chemistry Bldg., Roor. 412, 4 p.m.

Lecture: "Modern Mind Reading: Psychophysiology and Cognition," Michael G.H. Coles, University Distinguished Visiting Scholar. Lecture Center 110, 4 p.m.

Menorah Lighting: SB Union, 5:30 p.m.

Friday, December 9

Indoor Track: Lady Patriots at CTC Relays (at Fordham), 4 p.m.

Indoor Track: Patriots at CTC Relays (at Fordham), 4 p.m.

Menorah Lighting: SB Union, 4 p.m.

Saturday December 10

Squash: Alumni Reunion. SB Gym, noon.

Swimming: Patriots vs. Marist. SB Gym, 1 p.m.

Basketball: Lady Patriots vs. Oneonta State. SB Gym, 2 p.m.

Swimming: Lady Patriots at SUNY New Paltz. 4 p.m.

Menorah Lighting: SB Union 5:30 p.m.

Basketball: Patriots vs. Medgar Evers. SB Gym. 7:05 p.m.

Concert: Camarata, Stony Brook Chorale, Stony Brook Symphony Orchestra, Staller Center for the Arts Main Stage performing Berlioz' "L-Enfance du Christ," \$5/\$3 general, students/sr. citizens, 8 p.m.

Sunday December 11

Sundays at Stony Brook: a new series of Sunday brunches open to the community, and followed by a special event or lecture. Brunch will be served from 12 to 2 p.m. at University Club, Chemistry Bldg., 2nd. floor. There will also be a guided tour of Staller Center for the Arts from 2-3 p.m. Reservations required. Call 2-7000 by 12/7 to reserve or for more information.

Messiah Sing-In: Bring your own score. With Stony Brook Symphony Orchestra and soloists. Recital Hall Staller Center for the Arts, 3 p.m. Free.

Monday December 12

Astrophysical Journal Club: ESS, Room. 450, noon.

Israeli Folk Dancing: SB Union., 8 p.m.

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

Tuesday December 13

Meeting: Options, a campus-based program promoting outreach on Nuclear Arms Policy & International Security Issues. Peace Studies Center, Old Chemistry, noon. Call 2-7075 for more information.

Seminar: "The Neural Origin and Control of Locomotion in the Lampyre," James Buchanan, Ph.D. Univ. of Texas. Life Sciences, Room 038, Neurobiology, 4 p.m.

Basketball: Lady Patriots at St. Thomas Aquinas, 7 p.m.

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

Wednesday December 14

Music at Noon: HSC Gallery, Level 3

NOW Speaker Series: "Reproductive Technology and the Fictions of Octavia Butler and Joanna Russ," Susan Squier. Social & Behavioral Sciences. Room 216, noon.

Lecture: "Biochemical Basis of Diabetic Neuropathy," Dr. Rex Clements. Squibb-Nova, Inc. Life Sciences Bldg., Room 038. 2 p.m.

Thursday December 15

Seminar: "Neural Regulation of PNMT Gene Expression," Marian Evinger, Ph.D., Cornell Medical Center. Life Sciences, Room 038, Neurobiology, 2 p.m.

Friday December 16

Dynamo Theatre/La Troupe Circus: Staller Center for the Arts, Main Stage. Exciting, fast-paced. Tickets: \$14/\$7 for children, 8 p.m.

Saturday December 17

Dynam Theatre/La Troupe Circus: Staller Center for the Arts, Main Stage. Tickets: \$14/\$7 for children, 2 p.m. matinee (\$10/\$5 children), and 8 p.m. performance.

Exhibits

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. - 12:40 p.m.
M - W - F 8:30 p.m. - 10:30 p.m.
Sat., Sun. 2 p.m. - 4 p.m.

Grad. Swim:
2:30 - 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 a.m. - 10 a.m.
Friday: 8:30 a.m. - 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. 9, 16, 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 pm. — 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.