

Caldicott to Speak on Nuclear Threat

By Alvin F. Oickle

"The Threat of Nuclear War" is the title of the University Distinguished Lecture to be given at Stony Brook by Dr. Helen Caldicott, former president of Physicians for Social Responsibility.

The lecture, the final in the 1985-86 series, will be given Tuesday, Apr. 22, at 8 p.m. in the University's Fine Arts Center Recital Hall. Sponsored by the Office of the Provost and *Newsday*, this lecture is free and open to the public.

Caldicott's efforts to educate the world to the dangers of nuclear power and weapons began in the early 1970s in her native Australia, where she helped galvanize the public into action against nuclear weapons testing by France in the South Pacific. She now devotes her time to writing and lecturing after a pediatrics career specializing in the treatment of cystic fibrosis, in Australia and at Harvard University Medical School. She is the author of two books, *The Nuclear Madness* and *Missile Envy*, and was the focus of the 1982 Academy Award documentary, *If You Love This Planet*.

Her lecture will be co-sponsored at Stony Brook by the Arms Control,



Helen Caldicott

Disarmament and Peace Studies Resource Center.

For more information, call (24)6-5006.

SB's Power Substitute Generates Interest

By Merrilie Brown

The next time Long Island suffers a major power outage, the families of several hundred employees at Stony Brook will be ready with their own generators, thanks to a good deal offered by a campus organization. And now employees who wish they had bought a generator when they had the opportunity last fall are getting another chance.

Lengthy power failures are rare, but last September's Hurricane Gloria led thousands of Long Islanders to buy generators. In fact, employees at Stony Brook took part when the Faculty Student Association (FSA) offered a model at \$445 last November. A nearby store was selling a less powerful model for \$600. FSA, following the lead of a group at nearby Brookhaven National Laboratory, which took orders for 2,000 units, went directly to a manufacturer offering cut rates for bulk sales. The 4,000-watt model has enough power to run a refrigerator, a few lights and a wellwater pump.

Mary Nordenberg, FSA's manager, said, "Brookhaven Lab had researched the specifications and the quality requirements, and came up with a model and a manufacturer, the 4,000-watt Generac. We did some comparison shopping, and found that we had a very good price, so we made the same offer that they did. After we closed the offer, we had so many

requests, we decided to run it again this month."

Orders for generators will be taken until Apr. 30, with the same restrictions as under the previous offer—payment in full when the order is placed and a maximum of two per customer. Orders may be sent with checks (the \$445 includes tax) to: FSA, Stony Brook Union 282, SUNY/Stony Brook, NY 11794. Information is available by calling (24)6-7102.

According to the University's director of laboratories Richard Reeder, who helped arrange the first generator offer, there is a local company that offers service (warranty and nonwarranty) and additional options on the Generac. The name of the company is Hi-Tech Power Systems, Ltd., located at 2073 Ninth Avenue in Ronkonkoma.

'86 Dinner Reflects Foundation Changes

There will be some changes in the annual Stony Brook Foundation dinner.

"This is no longer the fund-raising dinner of years past, but simply a 'thank you' for the philanthropy that supports a wide variety of campus programs," said director of annual giving Marlene Williams.

This year's event, to be held May 31, will recognize supporters who have contributed \$1,000 or more to the University this past year. Account directors of the Foundation have been asked to submit the names of qualified donors to be invited. The deadline for submitting names and addresses is Apr. 18.

Invitations to University personnel will be donor-related. However, those who would like to attend with a donor are asked to cover the cost of their meal. For more information, or to submit a donor's name for the guest list, contact Williams at (24)6-7771.

"Fund-raising efforts of the Foundation were focused this year on building support for the University through the University Alliance's four giving clubs," said Williams. These are the President's Circle (\$5,000 and above), Stony Brook Associates (\$1,000-\$4,999), Stony Brook Forum (\$500-\$999) and the Century Club (\$100-\$499).

"Giving clubs are the most traditional

way in which colleges and universities recognize annual contributors," she continued. "Giving clubs had been established by the Foundation in the past, but at that time membership was acquired by buying tickets to a fund-raising dinner. Also, alumni donors to the Annual Fund were not included in the Alliance then."

In 1985 the University Alliance was restructured to recognize all annual unrestricted giving at the previously mentioned levels. Solicitation was

achieved through direct mail and personal contact.

Membership currently includes alumni, parents, University faculty and staff and community friends. The names of Alliance members will be printed in the Foundation's annual report and in a fall issue of *Stony Brook People*.

For information on Alliance membership, contact the Annual Fund Office, Administration Building Room 336, (24)6-7771.

Nobel Laureate Receives Presidential Honor

By Merrilie Brown

Nobel laureate C.N. Yang has garnered another major honor, a presidential medal presented in a special ceremony at the White House by President Reagan.

Yang, director of the University's Institute for Theoretical Physics, was awarded the National Science Medal last month by President Reagan.

A White House spokesperson said that Yang received the nation's highest science honor for "his pathbreaking research in theoretical physics, a field which he has influenced for many years by his profound questions and deep mathematical insight. His ideas have had great impact not only on theoretical development but on experiments in elementary particles and condensed matter."

Yang, who has been Albert Einstein Professor of Physics at Stony Brook since 1966, was awarded the Nobel Prize in physics in 1957.

Following the ceremony, the National Academy of Science sponsored a dinner for award recipients, hosted by John McTague, acting science advisor to President Reagan and former Brookhaven National Laboratory scientist.

The 20 chosen for science medals this year were selected from nearly 2,000 nominees by a committee appointed by the president.

Yang has contributed greatly to the concept of symmetry in physics, a concept that became the basis of the subsequent "grand unification theory." He explains that this unification theory is an extension of Einstein's work, and postulates that the four fundamental forces in nature (gravitational, electromagnetic, strong and weak forces) are in some way unified, but the fundamental ideas that can prove this unity are not yet known.

The National Medal of Science depicts Humanity, surrounded by earth, sea and sky, contemplating and seeking to understand Nature. In one hand the figure holds a crystal that symbolizes the universal order and suggests the basic unit of living things. In sand below, the person is sketching a formula that symbolizes scientific abstraction.

The committee appointed by Reagan to select the science medal recipients consisted of: Thomas B. Day, San Diego University; Ryal Poppa, Storage Technology Corporation; Allan Spitz, University of Alabama; Roger D. Hartman, Oral Roberts University; Willie J. Nunnery, University of Wisconsin; Robert H. Cannon, Stanford University; George A. Keyworth, science adviser to the president; Frank Press, National Academy of Sciences; Gopal S. Pal, Katherine S. Bao, Laddie Hughes and Rene F. Rodriguez.



President Reagan congratulates Dr. Yang

Free Cancer Screening

The University Hospital Auxiliary, in cooperation with the American Cancer Society, will sponsor a free cancer screening program on Saturday, Apr. 19 at University Hospital.

The screening, from 9 a.m. to 1 p.m. in the Ambulatory Care Pavilion, will be for bladder, kidney, head and neck, prostate and colorectal cancer. Appointments may be scheduled now by calling 385-9100, extension 1328 or 1329, Monday through Friday, from 9 a.m. to 3 p.m. Pre-registration materials

about diet and medication prior to the screening will be sent to those who register.

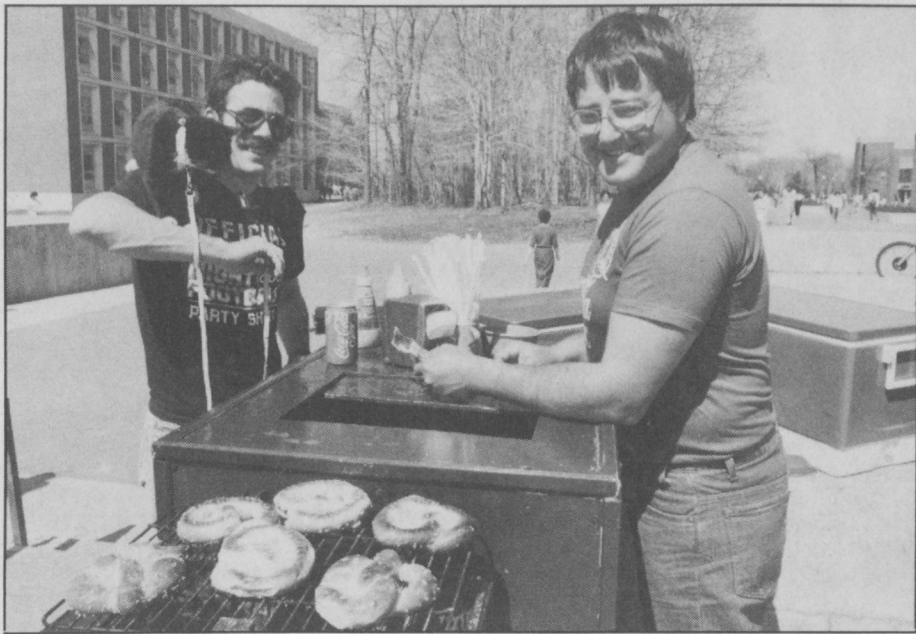
The Departments of Urology and Surgery of the School of Medicine at Stony Brook are serving as medical coordinators for the screening program. Patients will have a brief physical exam and will be given recommendations for other testing that may be indicated. Screening can facilitate early diagnosis of these types of cancer, and can result in more effective treatment and cure.

Free parking will be available.

The Nominees Are...

Faculty and staff may nominate graduating seniors, who have made outstanding contributions to campus life through leadership or community service, for the Senior Leadership and Service Awards. Nominees must be seniors who: plan to graduate this calendar year (i.e. May, June, July, August or December); have a minimum G.P.A. of 2.5 at the time of nomination and have demonstrated their leadership and/or service through tangible contributions to the University.

Nominee information should be sent to Tim Jahn, Stony Brook Union, Room 266 by Apr. 18.



"Pretzel Man" Marc Newmark (right) displays his wares for Scott Enders and cat, Sushi.

Stony Brook Alumni Establish Scholarships

By Diane Greenberg

Student awards of \$500 each have been established by two Stony Brook alumni.

A grant from Larry Roher '79 will recognize an undergraduate who demonstrates leadership and entrepreneurial abilities. An award from Marc Newmark '80 and his business partner Anthony Gentile, owners of the Stony Brook Pretzel Service on campus, will honor a Stony Brook football player who makes significant contributions to the team while maintaining an outstanding academic record.

The three said they plan to continue their contributions of at least \$500 yearly to build endowments for Stony Brook students.

Roher, who majored in economics at Stony Brook, worked for the Faculty-Student Association after he graduated. As FSA director of operations in 1981, he initiated automatic teller machines on campus and rehabilitated the haircutting salon in the Student Union.

Currently, Roher is an accounts representative for Coinmach Industries in Roslyn.

Newmark majored in biology at Stony Brook and, sponsored by the Organization of American States for three months in 1980, worked as a consultant on a taxidermy project in Suriname, South America. In sports, Newmark was a linebacker for the Patriots during the 1975-76 club football championship season.

When Newmark graduated, finding jobs in biology was difficult, so he decided, along with Gentile, to set up the Stony Brook Pretzel Service. Newmark was instrumental in establishing vending guidelines for mobile vendors on campus, and since 1980 he has expanded his vending business to three locations on campus.

Newmark said his job entails more than selling pretzels from 9 a.m. to 3 p.m. on weekdays. From Sunday through Thursday every week, he must

pick up the fresh pretzels in New York City. In addition, he has taken on several informal duties. "I'm an historical authority on campus—I know many of the faculty and students, and can make referrals," he said. "Also, I do some informal counseling for students from the pretzel stand.

"I'm happy with what I do. I'm happy to help the University in whatever way I can."

Payroll "Adventure" Has Happy Ending

By Alvin F. Oickle

This is an adventure story.

It all began in the waning days of March with the news that the New York State Legislature appeared unable to agree on a new budget for the year beginning Apr. 1. Payday was coming up Apr. 2.

Henry Robinson, director of the Payroll Office at Stony Brook, huddled with payroll clerks Joan Collins and Yolanda Capps in their Administration Building offices. The State Treasurer could not release the checks for distribution until the governor signed the appropriations act. Whenever it happened, time would be short. Robinson asked: What steps could Payroll take to speed the process of distributing 7,100 employee pay checks to the 188 departments? They worked out their options.

Robinson stayed in touch with James Keeher in the State Treasurer's Office. He was monitoring the Legislature. At 4:15 p.m. Apr. 1, Keeher reported the Legislature recessing until 8 o'clock, but—hold on—it appeared the Senate and Assembly members would reach agreement during the night session. Checking with his staff, Robinson chose an action option over sitting and waiting. That decision paid off...for SUNY employees on four campuses.

Having decided to go after the checks with a private plane and pilot, Robinson called his counterparts at SUNY campuses in Farmingdale and Old Westbury. Sure, they said, get our checks, too. Downstate in Brooklyn heard about Operation Paycheck and asked to be made part of the adventure.

Here's how the plan worked: Kenneth Haenlein of Stony Brook's Accounts Payable Office agreed to fly a plane he co-owns, from Long Island MacArthur Airport that next morning. He was airborne at 7:28 as the fog lifted, landed at Albany Airport and took a cab to the State Office Building. By 9:30, he had picked up the mountain of paper—payroll registers and more than 10,000 checks. By hard cart and taxi, Haenlein moved his multi-million-dollar cargo to the airport, loaded his plane and returned to Islip.

He was back on campus by 12:35 p.m. Waiting couriers from Downstate, Farmingdale and Old Westbury were quickly served and on their way.

Robinson had alerted all 33 Payroll staffers that they would be needed to carry out the work normally done by 10

people over 10 work hours on Monday evening and all day Tuesday. They had only four hours this time. Capps supervised the check disbursement process. Clerk Ana Casanova coordinated calls to all 188 departments, alerting them to the new pickup times.

Disbursement was begun at 4:35 p.m. Before 5 o'clock, every check was available; night shift distribution had begun. For nearby banks, the payday rush was delayed only 24 hours. Payroll had succeeded in getting done in one afternoon what normally is spread over

two days. Robinson said, "This was a unified effort on the part of the Payroll Office. Every individual here made a significant contribution. I'm very proud of the entire staff. I'm also thankful for the offers of help from many administrative offices."

Robinson continued, laughing, "Now that we know we can do it, I told my staff that they're going to have to do it this way every time." Joan Collins was unable to hide a smile as she sighed, "He'll have to get a new crew."

University Developing Summerfest

By Alvin F. Oickle

By creating its International Theatre Festival this summer, the Fine Arts Center at Stony Brook is developing the foundation for a broader program called "Summerfest."

Terence Netter, director of the Fine Arts Center, explained, "I anticipate wide community response to this new venture in summer theatre. We expect that the International Theatre Festival, along with the popular Bach Aria Festival, Children's Theatre and some musical offerings, will be the beginning of a Summerfest at the Fine Arts Center.

The scope of Summerfest in 1987 and following years will be determined by audience response, the private and corporate funding that we can attract to add to the University's allocation for this enterprise, and the maintenance of the kind of energy and creativity expended in planning and publicizing this one."

The new international fare will bring to Long Island five productions from

five nations (see schedule.)

John I. Patches, associate director of the Fine Arts Center, has been appointed executive director of the International Theatre Festival. He explained, "We did not want to duplicate any of the many worthy summer theatre offerings already in place. Rather, we wished to present a variety of theatrical evenings to give the theatre lovers in the area the opportunity to see new horizons in European and Canadian theatre. We hope later to be able to bring programs from Asia, Africa and Australia, as well."

Before setting the 1986 inaugural program, Fine Arts Center administrators attended performances of programs abroad. Said Patches, "We traveled as far as Poland, London, Paris and Quebec to see these shows and picked those which might stretch the mind as well as gladden the heart."

Information about all Summerfest events is available at the Fine Arts Center Box Office, (24)6-5678.

Fine Arts Center Offers International Fare

Five productions from five nations will be presented Thursdays through Sunday, between May 22 and July 20, at Stony Brook. The program will offer evening performances at 8 and a Saturday matinee at 2 for American premieres on the following schedule:

May 22-25, Cora, a new London musical.

June 12-15, The Jester and the Queen, featuring Czechoslovakian actor-comedian-playwright Bolek Polifka.

June 19-22, Gold in the Streets, humor and pathos with four actresses from the Charabank Theatre of Ireland.

July 10-13, Stuff As Dreams are Made On, the East Coast debut of Shakespeare's *Tempest* as performed by American Fred Urchack around the world.

July 17-20, La Troupe Circus, Canada's only circus-theater company with acrobats, jugglers, trapeze artists and actors.

Single tickets are \$8 evenings, \$7 matinees; subscription series, for which sales end May 1, \$30 evenings, \$25 matinees. For ticket information, call the Fine Arts Center Box Office at (24)6-5678. Information is also available at the Fine Arts Center main office, (24)6-3326.

Week-Long Elderhostel at SB This Summer

Forty men and women will participate this summer in the Elderhostel program at Stony Brook.

The program, to be held June 22-28, will bring together persons 60 and older from throughout the country. They will live in University residence halls, eat in student dining facilities and enroll in three non-credit academic courses. In addition, Elderhostel students will be welcome to use all University facilities and to visit area communities and scenic attractions.

The Stony Brook Elderhostel academic program, the first offered at the University, will include "Exploring Long Island's Natural Environment," in cooperation with the Museum of Long Island Natural Sciences on the Stony Brook campus; "Society and the Sea: An Exploration of Changing Roles," in cooperation with the University's Marine Sciences Research Center, and "Gender and Work: Past, Present and Future," sponsored by the University's Department of Sociology.

Coordinator of Elderhostel at Stony Brook is Dr. Alan D. Entine, director of the University's Mid-Life Assessment Program. He will work closely with the University's Office of Conferences and Special Events.

The Stony Brook Elderhostel week is one of several hundred being offered in the United States this summer by the national organization. Attendance at any 1986 Elderhostel program costs \$205 per week per person. All registration procedures are conducted through the

national Elderhostel office, 80 Boylston Street, Suite 400, Boston, MA, 02116.

Elderhostel was founded in 1975 by Martin P. Knowlton, who conceived the idea of providing short-term residential academic experiences at educational institutions for persons 60 years and older. He organized the first activities for 220 persons at five colleges and universities in New Hampshire. The program has expanded rapidly since 1975.

Nominations Sought for Outstanding Alumnus Award

Members of the University community are invited to submit nominations for the fourth annual Outstanding Alumnus Award.

Nominees may be any Stony Brook graduate who, by contribution to his or her fields, has garnered respect among colleagues and the general community, and who embodies qualities in which the Alumni Association and the University take pride.

Last year's recipient was Dr. Elizabeth Dussan '67. Dussan was a Guggenheim Fellow for 1984-85, and currently is serving on the staff of Schlumberger-Doll Research.

Nominations should include a short letter describing a graduate's accomplishments and reasons for nomination. All nominations must be received by the Alumni Office no later than May 1, and should be directed to: Andrea Brooks Young, Director of Alumni Affairs, Administration Building Room 330.

Campus Currents Vol. 2, No. 7

Published biweekly during the academic year and monthly during January, June, July and August by the Office of University Affairs. Editorial offices: 121 Central Hall 2760. 246-3542.

Vice President for University Affairs
Patricia J. Teed
Director of Publications
Ralph Chamberlin

Editor
Sue Risoli

University News Services
Alvin F. Oickle
Merrilee Brown

Photography
HSC Photography Service
unless otherwise noted

Graphics
Tom Giacalone

Stony Brook Names Columbia Editor to New Media Position

The senior public affairs officer and editor-in-chief of *Columbia* magazine at Columbia University has been appointed to the newly created position of assistant vice president for publications and media affairs at Stony Brook.

Ceil Cleveland, chosen after a national search, will direct the combined staffs of the former Offices of Publications and University News Services.

Dr. Patricia J. Teed, vice president for University Affairs, said, "I'm pleased to announce this appointment for two reasons: because we are bringing to Stony Brook a media professional who has gained national recognition and because the new position brings an overdue recognition to the importance of media affairs and publications for this campus."

Teed said that Alvin F. Oickle, associate director of news, and Ralph Chamberlin, director of publications, will continue administering those areas during the transition period this spring. Reorganization, including combining the two offices, will take place later this year as Cleveland completes the move from Columbia, Teed said.

She noted that the other assistant vice president in University Affairs, Denise Coleman, is responsible for Development and Alumni Affairs and also directs operations for the Stony Brook Foundation.

Cleveland has been editor-in-chief for the past nine years of *Columbia* as well as other Columbia University publications. She created the magazine



Ceil Cleveland

in 1977; today it is a bimonthly, four-color, general interest magazine with a national circulation of 78,000.

Columbia has received more than 45 national awards for its writing, editing and design, and for the past three years has been named among the top six university magazines in the nation along with publications at Harvard, MIT and others.

A former lecturer in English literature and writing at the University of Cincinnati and Xavier University, Cleveland was contributing feature writer for both the *Cincinnati Enquirer* and the *Cincinnati Post* in the early 1970s. She also served as director of the Resident Arts and Humanities Consortium of Cincinnati for three years. She has edited five books and published in scholarly and literary journals and in many consumer magazines. A former trustee of the

Council for Advancement and Support of Education (CASE) in Washington, D.C., Cleveland is married to Jerrold K. Footlick, senior editor of *Newsweek* and managing editor of *Newsweek on Campus*. Both are Woodrow Wilson Visiting Fellows for the Woodrow Wilson Foundation, and, as communications consultants, are frequent speakers at national publishing seminars. They live in Manhattan and are planning to move to Long Island.

Parking Ticket Leads to "a Good Experience"

By William Oberst

"It was a good experience for everybody," Kay Karlson said regarding a campus parking violation ticket she received one rainy night last October. It was a ticket with a happy ending—for herself, traffic hearing officer Grace Knapp, who handled her case, and the University.

Karlson had driven her son, alumnus Craig Karlson '84, to the University on an errand. When he returned to the car it wouldn't start. They left a note in the car explaining the situation before getting a ride home with one of Craig's friends. The abandoned vehicle was ticketed anyway. Karlson appealed the ticket and later received a letter from Knapp saying that the summons issued on her car had been cancelled. Karlson, in turn, wrote a letter of thanks to Knapp, saying, "My Mom was wrong—life is fair—sometimes, anyways."

Enclosed with the note was a contribution to the Alumni Association.

Memorial Service Honors Professor

By Merrilie Brown

Eminent scientists who knew him for his pioneering contributions in social psychiatry, and an internationally acclaimed actor who knew him as a singing companion, joined last month at Stony Brook to honor H. Warren Dunham.

Several colleagues of the late professor of psychiatry and sociology discussed his distinguished accomplishments and Theodore Bikel sang some of the songs that were favorites of "H".

Dunham died Dec. 16, 1985, at the age of 79. He came to Stony Brook in 1976 after retirement from Wayne State University, where he was professor emeritus. He was invited to join Stony Brook's faculty as professor of psychiatry (medical sociology), and he continued research and writing here until his death. His distinguished work includes the classic text he coauthored in 1939 with R.E.L. Faris, *Mental Disorders in Urban Areas*. His contributions to the study of schizophrenia include serving as principal investigator for a National Institute of Mental Health study from 1959 to 1964 and for a Michigan Department of Mental Health Research Grant from 1960 to 1970. Most recently, he authored a paper, "The Schizophrenic Puzzle," suggesting a new approach to the study of this disease in terms of the human ecosystem, or the interrelationships between humans and their physical, social and cultural environments.

COMMENT

No Weakening of Affirmative Action

Dear Colleagues,

When Provost Neal announced his intention to step down from his post at the end of August, all of us lamented his decision and asked ourselves how it would be possible to maintain the momentum of renewal and development that he created during his half-decade of service to Stony Brook. Many of you approached me with concern that the time normally associated with a national search for a position of this stature would occur during a period of stress and change on our campus. If it were at all possible, an interregnum involving an acting Provost should be avoided.

The prospect for accomplishing such an efficient change of academic leadership seemed to us all to be enhanced by the well-known quality of our own faculty. When other campuses seek deans and provosts, they come shopping at Stony Brook. Why should we not acknowledge our own talent?

Consulted with campus leaders

As you know, I consulted widely with senior faculty, deans and campus governance leaders to assess the support for an internal search. Shortly after Provost Neal's announcement, I met with the Senate Executive Committee and with the Presidential Advisory Committee on Affirmative Action. I announced my intention to explore alternatives to our usual search and selection process at the regular February meeting of the University Senate, and described the composition of a Special Advisory Committee on the Provostship with whom I planned to meet to work out the details of our process. The committee consisted of Prof. Yang, as chairperson of the previous Provost Search Committee, all the academic deans, the heads of the principal governance organizations,

including Polity and the Graduate Student Organization, and the members of the Provost's Advisory Council, which includes the heads of certain Senate standing committees.

This committee confirmed what by then was becoming campus lore: that for the first time in its history the University community was turning spontaneously to one of its own distinguished faculty to provide leadership in a time of need. The committee recommended that I approach Prof. Jerry Schubel, a distinguished marine scientist and dean and director of the Marine Sciences Research Center, to determine if he would serve as Provost. In the event that he would not, the Committee recommended that we proceed to undertake a more normal search process that would include other internal as well as external candidates. When informed of this proposal, Provost Neal and other senior administrators gave it their full support.

As you know, I did ask Prof. Schubel and he has agreed to serve as Provost commencing on Sept. 1, 1986. Because of the unusual nature of the search process and our concern for stability in the Marine Sciences Research Center, Prof. Schubel has agreed to take a leave of absence from the directorship for two years, at the end of which time a decision regarding the terms of his subsequent service will be reached through a formal process. Prof. Schubel is currently acting as vice provost for graduate studies and research, a responsibility for which we will seek another acting officer as soon as possible. A search committee chaired by Prof. Leo Treitler is actively seeking to fill this position permanently.

While I am proud that our campus has matured to the point that we can come together in support of our own outstanding individuals, Prof. Schubel and I are deeply concerned that the

abbreviated nature of this search might have been seen as a weakening of our commitment to the principles of affirmative action. That is by no means the case. We remain convinced that the interests of the University are best served by seeking the best candidates from among the entire population of qualified people. The task of discovering talented candidates among women and minority populations continues to be a priority and a challenge to our campus. The process we have just completed must be seen as exceptional.

I am personally delighted with Prof. Schubel's acceptance, and I welcome him to the administration of an institution whose qualities fully justify his commitment and whose opportunities fully challenge his extraordinary ability. Sincerely,
John H. Marburger, President

Credit for Rose Walton

To the Editor:

I am writing to congratulate you and your staff on the excellent coverage which you afforded to Stony Brook's involvement in "The Battle Against AIDS" (*Campus Currents*, Mar. 17.) I am also writing to point out that the innate modesty of the major leader of our AIDS-related efforts resulted in a failure to accord to her the recognition which she richly merits.

Rose A. Walton, Ed.D. is chairperson of the Department of Allied Health Resources in the School of Allied Health Professions. It was she who first alerted Stony Brook to the threat which AIDS posed, not only to isolated communities somewhere else, but to everyone. She deserves preeminent credit for developing the plan for the Long Island AIDS Project, for writing (with Associate Dean Bob Hawkins) the grant proposal which obtained funds for the project, and for developing and directing it. She has been instrumental in obtaining

philanthropic support for project activities and patient services.

Dr. Walton also directed the statewide HTLV-II testing protocol program, which informed New York's health care providers about the proper usage of this procedure. She supervised the SUNY-AIDS Education project, which developed the first model curriculum on AIDS for college and university use. She is a member of the (National) AIDS Action Council. Dr. Walton has lectured on the implications of the syndrome to the SUNY Allied Health Council; to the national meeting of the American Society of Allied Health Professions; at the recent Fourth National Pediatric AIDS Conference; and to many other key groups. Her achievements were noted locally, when she was selected by the *Village Times* as "Woman of the Year in Medicine."

It is Rose Walton, far more than anyone else, who deserves credit for this campus's reputation as a pioneer in AIDS education. I was not surprised to see that she had modestly avoided taking credit for her contributions, but disappointed that she did not receive the recognition which she so thoroughly deserves. I hope this letter may serve to correct this situation. Thank you for your interest and assistance. Sincerely,
Edmund J. McTernan, M.P.H., Ed.D
Dean

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

Standing Committees—the Graduate Council

This is the second in a series of articles that describe the standing committees of the University Senate. It is important to reiterate that these committees have an important communication function and that University faculty, staff and students with problems or questions should contact the committees for assistance. While the Senate is involved in policy decisions and not individual problems, often individual problems are the result of ineffective policy. It is essential that the Senate be made aware of problems so that we can determine what policies should be examined.

The Graduate Council—The Graduate Council is one of the most active committees of the Senate. Its mandate is to "advise the Vice Provost for Research and Graduate Studies and monitor all aspects of the graduate program and research." The Council meets every two weeks with the Vice Provost and the Associate Vice Provost for Graduate Studies. The majority of

the committee's efforts are devoted to Graduate School policies and to the review of graduate programs.

There are many policy issues that the Council considers. For example, the Council created a "Principles and Procedures for Academic Conduct Involving Graduate Students," which was recently approved by the Senate. The Council considered the tuition waiver policies and procedures, the TA/GA funding levels and allocation procedures, and support for advanced graduate instruction. Grading policy was discussed; pertinent issues were the interchangeability of "S/U" and letter grades, and probation policies with respect to "I," "NR," blank grades and part-time students.

A current problem under discussion is the issue of English language competence of non-English speaking TAs. The written TOEFL test does not seem to be able to identify those students who have difficulty communicating in English. The Council, therefore, has recommended the requirement of other verbal tests in

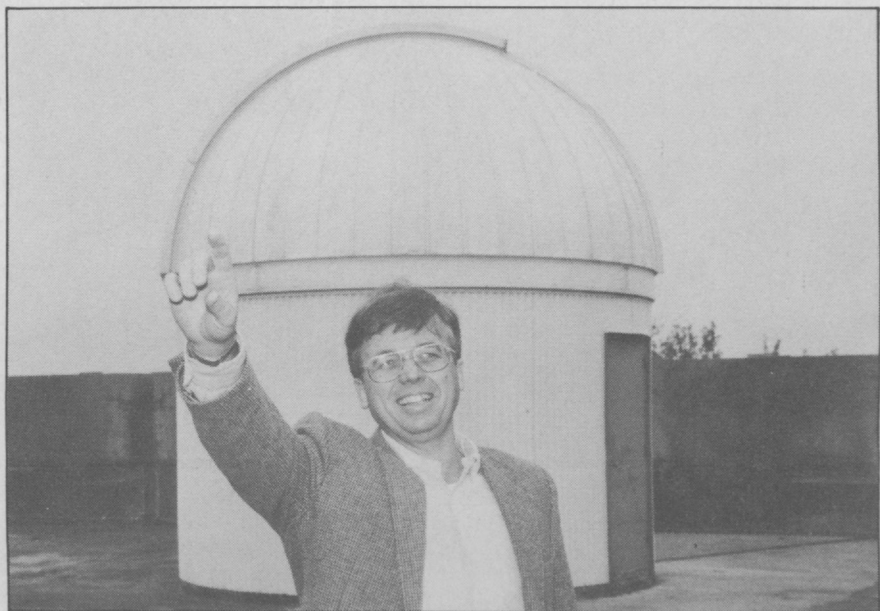
addition to TOEFL and is producing a set of policies concerning their use and evaluation.

The Graduate Council is asked to review all proposals for new graduate programs, as well as proposals for major modifications to existing programs. These reviews consider the necessity for the program, and the quality of the faculty as well as that of the proposed curriculum. For example, the Management Studies curriculum was recently evaluated. The state requires that all graduate programs be reviewed every five years and the Council participates in these reviews. The external review team meets with a group from the Council at the time of the site visit and the review report is presented to the Council and discussed with the appropriate chair and program director.

This brief description of the activities of the Graduate Council does not cover the large number of issues, many of which the Council considers, that affect graduate education on this campus. Input from the University community,

however, is necessary to identify the important issues and to assist the council in its deliberations. Please contact The Graduate Council through the Senate Office (Psychology B, Room 124) or through a member of the committee.

Committee members 1985-86: Prof. Christina Bethin, Germanic and Slavic Languages; Prof. David Fossan, Physics; Prof. David Fox, Physics; Prof. Madeline Fusco, Anatomical Sciences; Prof. David Hicks, Anthropology; Prof. Thomas Irvine, Mechanical Engineering; Prof. Joan Kenny, Allied Health Professions; Prof. Richard Kramer, Music; Prof. Harvey Levy, Physiology; Prof. Stephen Rappaport, Electrical Engineering; and Doris Williams, Library.



Roof of ESS Building is a good place to observe Halley's Comet. Pictured here is Prof. Roger Knacke, who coordinates Stony Brook's Halley research efforts.

Last Chance for Comet Watchers

By Merrille Brown

Comet watchers will have one last chance during April to see Comet Halley before it passes out of viewing range, and the astronomy faculty at Stony Brook will open its telescopes to the community for this "farewell." During the last weeks of March, the comet was visible to the naked eye during the early morning just before dawn. In April, Comet Halley will be visible during evening hours if weather permits.

The University telescopes will be open to the public between 8 and 10 p.m. on Apr. 19 and 20. Visitors arriving at the beginning of the viewing hours should assemble in the Earth and Space Sciences Building Lecture Hall 001. Those arriving later should proceed directly to the roof of the building, where the telescopes are located.

For more information call (24)6-7670.

an X-ray beamline at the synchrotron for experiments by scientists from six SUNY campuses—Albany, Buffalo, Cortland, Geneseo, Alfred and Stony Brook. Bigeleisen also was instrumental in arranging funding. The U.S. Department of Energy recently extended a \$1.2-million grant for three years and the State University of New York contributed \$300,000 for capital expenses. Additional funding for individual research projects has come from the National Science Foundation and private sources.

Stony Brook projects vary. Dr. Prewitt is interested in observing how minerals behave under high temperatures and pressure. The synchrotron light source enables him to observe changes in minerals at temperatures as high as 1200 degrees centigrade and at pressures as high as 150,000 atmospheres—duplicating the conditions deep within the earth.

Sound waves travel

On a practical level, Prewitt explains, his experiments may enable scientists to understand better how sound waves travel, and how earthquakes start. More accurate seismology techniques may be the result.

Dr. Stephens is using X-ray diffraction as a technique to study atoms on the surfaces of semi-conductors. His basic research, utilizing radiation from the synchrotron, may make it possible to produce faster, more reliable computer chips.

Also interested in semi-conductors is Dr. Yi-Han Kao, professor of physics. He is probing structures in semi-conductors as well as changes in their structural properties. His research at the synchrotron light source is funded by IBM and other industries. As a result of his investigations, he hopes that better high-speed microelectronic devices, and more efficient integrated circuits, may become a reality.

Dr. Ben Chu, professor of chemistry, materials science and engineering, is using small angle scattering of X-rays at the synchrotron to study the structure and dynamics of supramolecular systems. A practical application of his research might be the possibility of making improved polymer blends—materials used in advanced technology and everyday life. Chu also plans to investigate the components of fine ceramics at the synchrotron beamline, which may lead to a better understanding of how particles aggregate.

University Offers Help through Hotlines

In times of crisis, help is often only a telephone call away. The University provides several such lines, not only for the more than 20,000 students, faculty and staff on campus but also for hundreds of thousands of Long Island residents.

Hotlines in operation, all area code 516, include:

444-1234: University Hospital Rape and Sexual Abuse Hotline, open 24 hours a day. Calls are answered by emergency health care personnel for immediate crisis intervention, emergency care and referrals to medical, social and counseling services.

246-5683: Peer counseling service for sexual matters, 10 a.m.-5 p.m. weekdays. Student volunteers in EROS (Educational Research in Sexuality) provide information on birth control, sexually transmitted diseases, pregnancy options and gynecology referrals.

246-2582: SIDS (Sudden Infant Death Syndrome), 9 a.m.-5 p.m. weekdays. Operated through Stony Brook's School of Social Welfare, this line is staffed by a nurse/social worker who contact parents with the offer of a peer counselor and a public health nurse. Parents are encouraged to call back for further help.

246-4000: Polity Hotline, 24 hours. Run by the undergraduate student government, this line fields inquiries about activities, campus telephone numbers, local eateries and resident student complaints.

444-3287: Lyme Disease, 8:30 a.m.-5 p.m. weekdays. Sponsored by the Parent-Child Department in Stony Brook's School of Nursing, the line was opened because this tick-borne disease is frequently misdiagnosed and is treatable if detected early. The staff provides referrals for screening or health care.

444-AIDS: The Long Island Aids Project (part of the AIDS Institute, a division of the New York State Department of Health), 8 a.m.-8 p.m. weekdays, 10 a.m.-6 p.m. weekends. Callers are directed to a toll-free number for detailed medical information. Trained volunteers are available to answer other questions, and to provide medical or therapeutic referrals and support group contacts.

751-7500: RESPONSE, 24 hours a day. Located near the University campus, this private, not-for-profit service offers free, confidential crisis intervention and telephone counseling by trained volunteers.

Synchrotron Light Aids University Researchers

By Diane Greenberg

Four scientists are using the \$24-million National Laboratory for research in areas as diverse as minerals and semi-conductors.

The researchers are part of a 30-member SUNY research team that has instrumented its own beamline at Brookhaven. BNL's light source, one of three in the U.S., has been used by 400 scientists from throughout the world in the past year.

"After five years of preparation, we finally began work last January—work that was not possible for us to do before," said Dr. Charles T. Prewitt, professor of earth science and material science at Stony Brook. Last year he was the principal investigator of the team. This year's head is Dr. Philip Coppins, professor of chemistry at SUNY-Buffalo.

Far-reaching effects

The Stony Brook researchers' new experiments, which make use of synchrotron radiation from an electron storage ring, may have far-reaching effects in earth sciences, electronics and technology. "The synchrotron light source moves the cutting edge of science to new problems," said Dr. Peter Stephens, assistant professor of physics.

Five years ago, Dr. Jacob Bigeleisen, professor of chemistry, organized a statewide collaborative effort to conduct

KUDOS

Lauren Ackerman, M.D., professor of pathology, has received the highest honor of his specialty, the Gold-Headed Care Award of the American Association of Pathologists. The award is given annually in recognition of long-term contributions to pathology, including meritorious research, outstanding teaching and excellence in the field. Ackerman has been on the Stony Brook faculty since 1973...Dr.

Jeffrey S. Levinton, who chairs the Department of Ecology and Evolution, has been appointed chairperson of the science panel of the Hudson River Foundation. The 17-member panel is responsible for selecting and supervising scientific and education programs funded by the Hudson River Foundation's \$19 million Hudson River Fund...Dr. **David V. Erdman**, professor emeritus of English, is the co-author of a new edition of *The Four Zoas Manuscript* by William Blake. Publication is scheduled for the fall of 1986 by Bucknell University Press. The book is a photographic facsimile and restoration of the pictorial details of poet William Blake's illuminated manuscript of *The Four Zoas*...Dr. **Rose A. Walton** has been appointed by Gov. Mario Cuomo to the state Task Force on Gay Issues. Walton chairs the Department of Allied Health Resources in the School of Allied Health Professions...Dr. **Gary Gerard**, assistant professor of clinical neurology, is cited as the "hero" and "a miracle" in a new book, *Rusty's Story*, published in January by Bantam Books. Written by Carol Gino, a registered nurse, the book tells the true story of an epileptic teenager, Rusty, who was repeatedly committed to a state psychiatric hospital. The book describes Gerard's diagnosis and prescribing medication that controlled her seizures and permitted Rusty to lead a normal life. In the book's afterword, Gerard describes the many misconceptions of epilepsy...Dr. **Edward E. O'Brien** has been reappointed to chair the Department of Mechanical Engineering in the College of Engineering and Applied Sciences. His new term runs through Aug. 31, 1989...**Kathleen Mulick** was selected as March's University Hospital Employee of the Month. As a cytotechnologist in the cytopathology laboratory, Mulick uses her knowledge of pathology to diagnose tissue samples from patients...**Carol Vidal**, lecturer and assistant director of field instruction in the School of Social Welfare, has been appointed to chair the Islip Youth Board's Policies and Projects Committee. The committee reviews all project applications submitted for funding...Dr. **Mark E. Tatro**, who formerly taught graduate chemical oceanographic courses at Stony Brook, has been appointed editor of a monthly column, called "Atomic Spectroscopy Advances," for the world-wide scientific journal, *Spectroscopy*. He also serves on the board of editorial advisors. Tatro is president of Spoectrea Spectroscopy & Chromatography Consultants Inc., a company he formed in 1981...Dr. **Don Ihde**, professor of philosophy and dean of Humanities and Fine Arts, has been chosen to edit the first series of scholarly books ever published in a relatively new academic field called the philosophy of technology. The first book in the series, being published by the Indiana University Press, is being written also by Ihde. Called "From Garden to Earth: Technology and the Lifeworld," the series inaugural is planned for publication in 1987...**Francisco Figueirido**, a doctoral candidate in physics, has been awarded the 1986 T.A. Pond Prize for achieving the department's highest comprehensive examination score. His award is named in honor of Dr. T.A. Pond, who chaired the Department of Physics at Stony Brook from 1962 to 1967, the first five years the campus was opened. Pond also served as executive vice president of the University from 1967 to 1978...Sigma Pi



Lauren Ackerman

Sigma, the highly selective honor society for physics students, has inducted six undergraduates at Stony Brook. They are: **Charles Boyd, Steven Burge, Lawrence Scipioni, Alan Sullivan, Anthony Conte** and **Thomas Hsu**...Dr. **Leslie L. Alexander**, professor of radiology, was one of six Howard University graduates honored with Charter Day Achievement Awards. The group included H. Patrick Swygert, vice president for administration at Temple University, and Phylcia Ayers-Allen, who plays the lawyer-wife on the Bill Cosby television show...Dr. **Thomas Shenk**, formerly on Stony Brook's Department of Microbiology faculty, has received an American Cancer Society Research Professorship. Professor of molecular biology at Princeton University, he is one of two scientists selected nationwide. The award pays the first \$50,000 of his annual salary for his lifetime. Shenk, 39, is one of 24 ACS research professors...Dr. **Robert E. Lewis**, a visiting professor at Stony Brook's Institute for Theoretical Physics a few years ago, has received the 1985 Presidential Award for Excellence in Science and Mathematics Teaching. The recipient is commonly known as "Teacher of the Year." Lewis teaches at Hanby Junior High School in Wilmington, Del. He has served as author and consultant for the Public Broadcast System television series, *Search*, seen by millions of school children and teachers. He told the Examiner-Enterprise in Bartlesville, Oklahoma, that he saw his first *Search* film while at Stony Brook and has been actively involved in the series since...**Bernard Greenhouse** has retired as professor of music at Stony Brook but his name lives on through a former trio-in-residence at Stony Brook. The famed cellist with the Beaux Arts Trio has been honored by Gwendolyn Mok, piano; Sarah Kwak, violin and David Bakamjian, cello. They changed their group's name from the Stony Brook Trio to the Casa Verde Trio. Casa verde means green house in Italian...Dr. **John G. Truxal** and Dr. **Joseph Katz** were among workshop leaders at the 1986 National Conference on Higher Education in Washington, D.C. Truxal, distinguished teaching professor in Technology and Society, chaired a collaborative problem-solving session on "Technological Literacy." He presented a status report on intercollegiate programs in technology, citing where these programs are heading and the ways in which technological studies facilitate the application of science to the needs of

people. Katz, Stony Brook's director of Research for Human Development and Educational Policy, was one of three educators who chaired a workshop on "Collaborative Learning for Curricular Vitality." Katz also chaired a national task force on education for the American Association of American Colleges. The task force met during the conference...Dr. **Douglas J. Futuyama**, professor of ecology and evolution, has been elected president of the Society for the Study of Evolution for 1987. The society, whose membership includes more than 2,000 biologists, was founded in 1946 and publishes *Evolution*, an international journal of organic evolution. Futuyama served as journal editor from 1981 to 1983. He is the second Stony Brook faculty member to head the society. Dr. **Richard Koehn**, professor of biology and director of the Center for Biotechnology, served as national president for 1985...Dr. **Charles W. Kim**, associate professor of microbiology and medicine, has been elected president of the New York State Society of Tropical Medicine. Membership consists of scientists and medical researchers who specialize in studying parasitic diseases and tropical medicine. Kim has been a member for more than 20 years, and served as vice president in 1973-74... Dr. **Alexander**

Logue, associate professor of psychology, is the author of a new book, *The Psychology of Eating and Drinking*. Published by W. H. Freeman and Company, the 298-page book was released in January. Logue's research and writing cover the causes and treatments of abnormal eating and drinking behaviors, including anorexia, bulimia and alcohol abuse. The publisher describes the book as "the first full-scale investigation into how and why we eat and drink the way we do"...**Sheldon Scher**, assistant to the director of the Division of Laboratory Animal Resources, has been named the recipient of the 1985 Ralston Purina Animal Technician Award. Scher, whose 20-year career has included work on both the scientific and technical levels, was cited for his "contributions to the betterment of laboratory animal care and the advancement of professional training for laboratory animal technicians...Dr. **Jane Porcino**, assistant professor of gerontology, has been named a Brookdale Fellow by the Brookdale Center on Aging of Hunter College and one of three Outstanding Women in the Community by a Commack junior high school. "Dr. Porcino is being recognized for her distinguished service on behalf of the elderly and the significant contribution she has made to the field of aging, as well as her involvement with the Brookdale Center itself," said Rose Dobrof, Brookdale executive director and professor of gerontology. Brookdale is the largest multi-disciplinary academic gerontological center in metropolitan New York. Porcino was also honored by Joseph Mandracchia-Sawmill Junior High School in Commack for her accomplishments in gerontology, a career she began after her children were grown...The works of **Melvin Pekarsky**, who chairs the Department of Art, are the subject of a one-man show to run until Apr. 26 at G.W. Epstein Co., Inc. on Madison Avenue. The title of the show is "Mel Pekarsky: Larger Work"...**Stephen Vitkun**, M.D., clinical assistant instructor in the Department of Anesthesiology, received first prize in the Veterans Administration Medical District #3 Annual Surgical Resident Paper competition. He is a Stony Brook graduate, having earned his B.S. here in 1979...**Ira Persky** has been named the new executive director of the Faculty Student Association. He previously served as general manager of an auxiliary services restaurant at Rutgers University.



Rose Walton

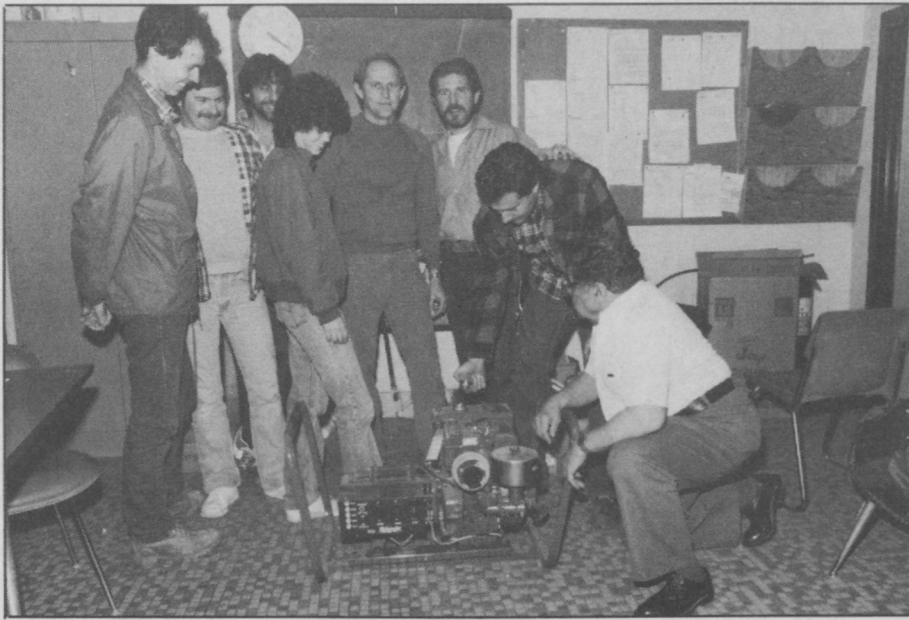
Suggestions for Supervisors

By Marilyn Zucker

Our series on developing a positive relationship with one's boss, which we ran several issues ago, drew responses from several people on campus. The desire to see more written on the subject of the employer/employee relationship has prompted us to continue our discussion of this topic. This week's article discusses the way supervisors can contribute to encouraging a mutually respectful and productive relationship with the people who work under them.

the supervisor to determine that the job, as stated, has been successfully completed.

Even after someone has been introduced to his or her job and has been at it for a while, the supervisor's job is not over. *People must have guidance in doing their work.* They need *current information* about what is going on that might affect their work. The effective supervisor informs his or her people of new developments promptly and fully—what has happened and what is about to happen in the office or section. This can be done at a



Supervisor Tony Valderrama (far right) and his electric shop crew (left to right): Frank Burger, Chuck Zimlinghaus, Kenneth Danielsen, Willa Schultz, Robby Barkan, Don Touch and William Danielsen. Not pictured are Matt Turselino and Walter Bivovonsky.

You are an electrician, working side-by-side with other electricians, doing the varied jobs that electricians do: installing wiring, repairing switches and motors and maintaining transformers, alarm systems and small appliances. One day, you find that your promotion has come through; you are to be a supervisor.

You now will rarely do the kinds of jobs you've done before. Rather, you will be responsible for seeing that the electricians on your crew get their jobs done (and get them done on time and done well.) You see, suddenly, that there is more to being a supervisor than knowing the job, though thorough knowledge of the job is of primary importance for any supervisor.

How you handle this new responsibility of interacting with people who will report to you—so that they will want to do their jobs as well as they can, keeping themselves and you and the people you both work for satisfied—is the challenge which faces you, and for which you may or may not have had much training. Remembering that your employees are more like you than they are different from you is a basic and beginning outlook. They deserve the respect, care and consideration you would afford any co-worker—indeed, the same respect, care and consideration you would like to enjoy as supervisor.

In *The Successful Supervisor*, William Van Dersal describes some basic principles of supervision, which can give direction to the person who now is responsible for "working with a group of people in such a way as to achieve their greatest combined effectiveness at getting the job done."

First, *people must always understand what is expected of them.* The employee should know what his or her particular job is, how that job is related to the jobs of others in the area, what authority he or she has over others and who his or her supervisor is. Employees need to know where to get the materials and supplies they need and to know the working rules of their organization. They need to know how the quality and quantity of work will be measured. Setting out the job in clear terms enables both the employee and

regularly scheduled meeting or staff conference (that is, one that all employees attend.) If a supervisor begins information dispersal with one employee, rather than with the group, chances are that the grapevine will get the news shortly thereafter, a sure way for information to become distorted and potentially destructive to morale. Employees also need *specialty information*, which should include the latest and best technical information to help get the job done.

When the job is well done, *good work should be recognized.* Unfortunately, most of us find it easier to criticize than to praise. Some supervisors, worried that they will overpraise employees, hardly give any praise at all. Yet people like to feel that their good work is appreciated and respond to praise with good feelings and greater output. For the job very well done, the supervisor might put praise in writing, in a letter which can go into the employee's file.

Part One of a two-part series. Part Two will appear in the next issue of Campus Currents.

Blood Drive to Begin

By Marilyn Zucker

The Stony Brook faculty/staff (main campus) blood drive will take place next Wednesday, Apr. 23, from 10 a.m. to 3 p.m. in the Gymnasium. Many of you have already sent back the response portion of the letter President Marburger sent to all employees, which encouraged us to make an effort to give blood this year. You have indicated your willingness to give and have made an appointment to do so. We'd like to schedule a steady flow of people into the area with as little waiting time as possible. Please, if you have not done so already, contact your section's Blood Captain and give her or him your Blood Bank Donor Form. If you have not received the form and wish to make an appointment to donate, you may call Bruce McCormick

in the Department of Human Resources at (24)6-8301.

Would you really like to give—but also are really worried about giving blood?

"I've heard I'll get dizzy or feel weak."

You may get nervous and this is normal. Sometimes this does create slight dizziness or a weak feeling, but after relaxing a few minutes, you'll feel fine. Actually, you'll feel great because you've really helped someone in a truly personal way! That's the only side effect of giving blood.

"What if they can't find my vein?"

Don't worry, the people who collect blood are trained phlebotomists. This means they know how to locate veins and make it easy for you to give blood. This is their only job, and they're good at it.

"How long will it take?"

While the entire procedure may take from 35 minutes to an hour, the actual giving time is only five to seven minutes. Many people feel that these are the most unselfish minutes they ever experience.

"I never gave before; why should I give now?"

Only two-thirds of the blood we need in the greater New York area is collected here. The remainder has been coming from overseas. Some of the European countries that have been supplying us with blood are wondering why the fairly healthy population in the United States cannot provide for its own blood needs, and feel they want to send their donations to poorer countries where the people are not healthy or well-nourished enough to give blood.

To make matters worse, our needs have increased 50 percent in the last five years while our donations have not kept pace. This means we are in big trouble. We need new donors...we need you!

And, NO!, you cannot get AIDS by giving blood. Materials used for donations are *new, sterile, disposable and used only for the donor.*

So come, join your co-workers in this gratifying community sharing. You'll like it!

Some of this material was reprinted from Facts, Fears and Fantasies, a publication of the Greater New York Blood Services.

Benefacts

- Keep all unreimbursed or partially reimbursed doctor, dentist, laboratory and prescription bills together and add them up at tax time. Amounts not reimbursed may include: your deductible; the 20 percent co-insurance you pay; amounts you paid over and above reasonable and customary charges; and non-covered services. If you itemize your expenses and these expenses exceed 5 percent of your adjusted gross income, you may deduct the excess. Remember to include nine cents per mile for transportation to and from the physician's or dentist's office or the laboratory.
- Remember that the Second Surgical Opinion Program remains in effect for the Empire Plan; so do the rules concerning ambulatory surgery and diagnostic testing.

Personnelized Job Opportunities

Main Campus

Status and Title	Location	Salary
*S-Typist	Univ. News Service	\$10,807
*S-Typist	Human Services	10,807
S-Maint. Helper	Public Safety	12,541
S-Maint Asst.	Trans. Serv. and Fleet Mgmt.	14,013
S-Gen. Mechanic	Public Safety	17,563
R-NTP-Programmer/Analyst	Computer Sci.	Mid/High 20s
S-NTP-Tech. Spec.	Med./Inf. Dis.	15K-27K
R-NTP-Research Asst.	Microbiology	15K-18K
S-NTP-Research Asst.	Microbiology	15K-18K
S-NTP-Tech. Spec.	Univ. News Serv.	15K-31K
S-F-Res. Asst. Prof.	Psychology	Dep. on quals.
S-F-Head, Preserv. Prog.	Library	Dep. on quals.
S-F-Clinical Instruc.	P.A. Education	Dep. on quals.

For more information on main campus jobs, visit Human Resources, Room 390, Administration Building.

University Hospital

Status and Title	Location	Salary
TH Sterile Supply Tech.	Central Sterile Supply	\$13,247
Cleaners (10 positions)	Housekeeping	11,931
*Hospital Patient Serv. Clerk II	Admitting	15,670
*Office Machine Operator	General Services	11,411
*Medical Lab Tech I	Laboratory/Chem.	15,670
*Clerk	Central Sterile Supply	11,411
X-Ray Aide	Pharmacy	11,931
*T&R Center Nurse I	Nursing	20,066
*T&R Center Nurse II	Nursing	22,442
*Library Clerk I Trainee	Health Sciences Library	11,411
*Information Processing Spec.	SICU	13,247
*Clerk	Medical Records	11,411
Hospital Attendant I	Pharmacy	11,931
Hospital Clinical Asst. I	SICU	11,931
Hospital Clinical Asst. I	Pediatric Predicted Stay	11,931
*Steno	Human Resources	12,522
*Dictating Machine Transcriber	Radiation/Oncol.	11,931
*T&R Center Nurse II	Cardiac Cath.	22,442
*Steno	School of Medicine	12,522
*Steno	Medicine	12,522
*Lab Worker	Lab/Specimen Rec.	11,931

For more information on University Hospital jobs, visit Human Resources, Room 106, third floor, Health Sciences Center.

KEY

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

For Civil Service Test Announcements, visit the Human Resources Department, main campus, or University Hospital.

"Personnelized" lists employment opportunities as a service to the Stony Brook community. Faculty and professional positions are posted for 30 days. Classified positions are posted for ten days. "Personnelized" cannot guarantee the availability of any position.

Computer-Created 'Dragons' Captivate SB Student



By William Oberst

How long is the coastline of England? You'd think this question could be answered in a relatively straightforward way with the help of a map. But what if you took into account every little inlet and promontory? As you measured into and around these features, you'd get a longer length than you would using the map's simplified scale.

Carrying this idea further, suppose you used a one-foot ruler and wrapped it around every rock? Or, to get a more accurate answer, a very tiny ruler that let you measure in between and around every grain of sand at the water's edge of every beach? The result would tend toward infinity. Your answer depends on your point of view.

Natural objects of every kind, it turns out, have this "pathological" character of containing infinities within their finite dimensions. It wasn't until recently, however, that a mathematical tool surfaced that could model this pervasive feature of the world. A curious variety of mathematical objects called "fractals" is taking many fields of science by storm.

Fractals have caught the interest of Peter Schroeder, a mathematics student at Stony Brook who is continuing his studies at the Technical University of Berlin, Germany. He is among an already sizeable community of researchers who are using computers to depict fractal shapes.

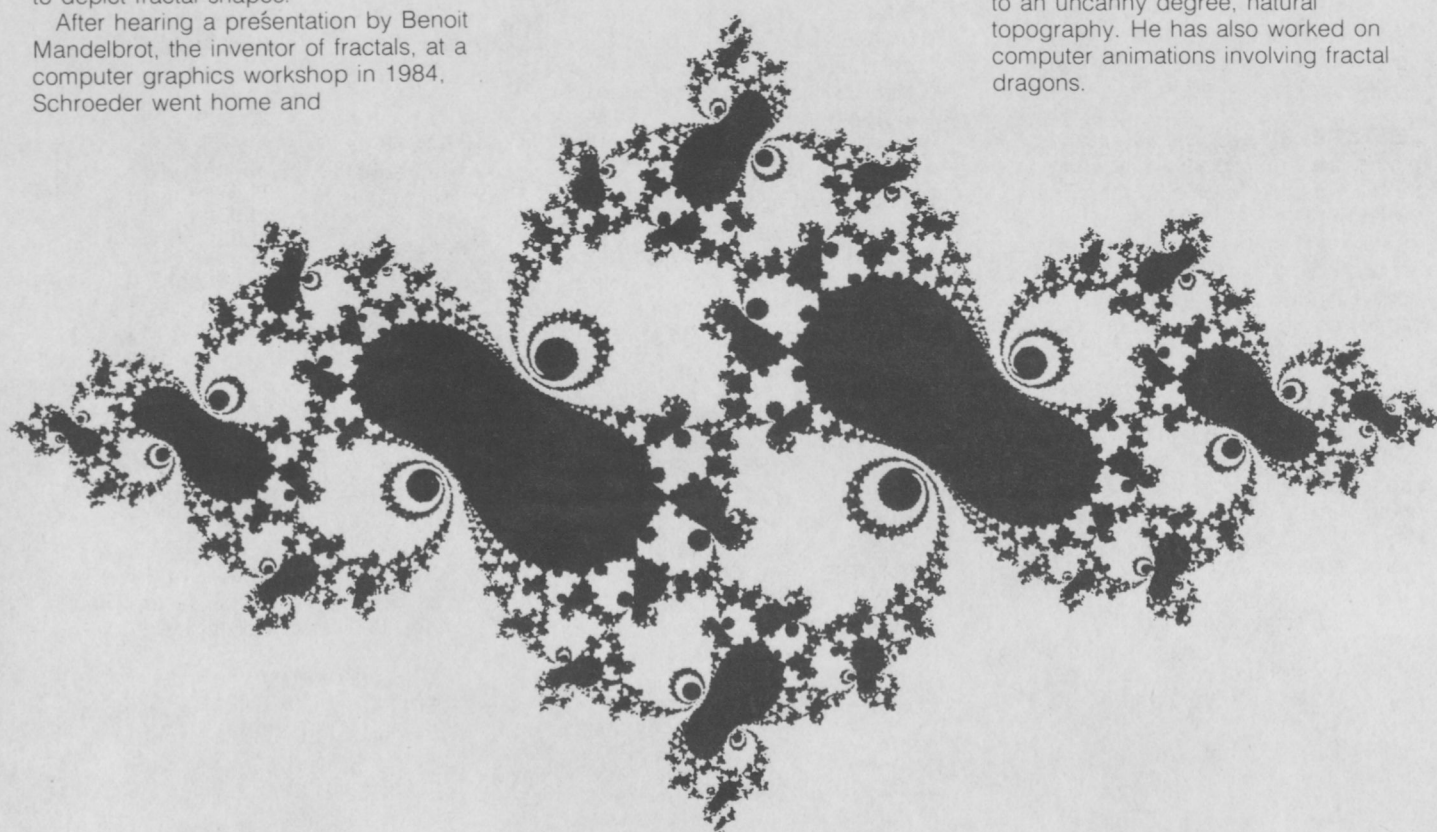
After hearing a presentation by Benoit Mandelbrot, the inventor of fractals, at a computer graphics workshop in 1984, Schroeder went home and

programmed some fractals on his Atari 800. He's logged many hours on fractals at the Computing Center's microcomputer lab, and has made a fractal-generating program available in the microlab for anyone who is interested.

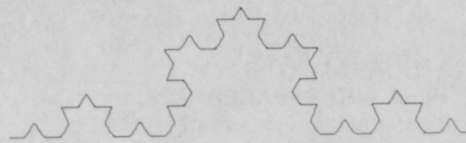
To see how a computer mimics fractals, consider how it draws a "Koch curve." Take a line segment, divide it into three parts, and erect an equilateral triangle over the middle third:



Now do the same thing to each of the line segments in this new shape; i.e. divide each of the four segments into thirds, and erect equilateral triangles over the middle portions:



Do it again:



And again:



If you carried this through an infinite number of generations, you'd have a fractal.

Fractals can look very beautiful—see the fractal "dragon" above, reproduced from the Computing Center's newsletter, *Interface*. Their beauty is often derived from a property called "self-similarity"; in the Koch curve above, for example, the shape of the first generation is repeated throughout every generation, at smaller and smaller scale. The fractal dragon above similarly consists of spiral patterns made of spiral patterns.

Ordinary, backyard-variety trees exhibit this property, too. A branch, with its "trunk" and smaller branches, resembles the entire tree; a twig resembles a branch.

Schroeder has programmed a computer to create fractal "mountains"—mountains that resemble, to an uncanny degree, natural topography. He has also worked on computer animations involving fractal dragons.

Changes for Users of Computing Center

Phase-out of the Computing Center's Sperry equipment will mean a number of changes for Center users, says director of computing George Pidot. These will include the following:

- The 1100/82 will not be available after Dec. 12, 1986 (the last day of fall semester classes). This means that students will no longer be able to use the system for their assignments. The Center recommends that all users of the 1100/82 shift their work to another system.

- VAX 8600 accounts are now available to researchers who need to run programs under the VMS operating system.

- The IBM 3083JX will be used for all instructional and general research purposes. Faculty accounts are available now; student accounts will be available beginning this summer. Pidot suggests that instructors consider using the system for fall semester courses.

- The IBM system will include UNIX. The large-scale laser printer is channel-attached, as will be the array processor by the end of 1986.

- User groups have been formed for those interested in using the new systems. For more information on the IBM, call Bill Persons at (24)6-8283; for more information on the VAX, call Mary Keenan at (24)6-6056.

As before, accounts requests will be handled by Mary Henrikson. Her telephone number is (24)6-7173.

SUNY Presidents Gather for Admissions Program

By Merrilee Brown

The presidents of all five Long Island SUNY campuses will gather at Stony Brook Apr. 16 with admissions representatives from throughout the State University of New York system, to welcome high school and two-year college guidance counselors to a day-long program on the opportunities offered by SUNY. An evening program will follow for prospective students and their parents.

"Operation Inform," sponsored by SUNY College Admissions Personnel, will open with breakfast at 8:30 a.m. Wednesday, Apr. 16, at Stony Brook's Student Union. Dr. Lee E. Koppelman, director of the Suffolk County Planning Department, executive director of the Long Island Regional Planning Board and a Stony Brook faculty member, will deliver the keynote address.

The evening program, open to all secondary school students and their parents, will be in the Stony Brook Gymnasium from 7 to 9 p.m. Approximately 30 admissions representatives will be on hand from SUNY colleges of arts and sciences; agricultural, technical and specialized community colleges; and from the university centers. They will answer questions about their campuses. No reservations are necessary for the evening program.

Further information about "Operation Inform" is available from host chairperson Max Mobley at Stony Brook's Office of Undergraduate Admissions. The telephone number is (24)6-5126.

Search Continues

John Ramsey, chairperson of the Department of Physical Education and acting director of the new Division of Physical Education and intercollegiate athletics, has agreed to continue serving as director of the Division while a new search is launched for a permanent director.

Dr. Graham Spanier, vice provost for undergraduate studies, last year authorized a reorganization that created a division with five departments. He explained, "The search committee for a new director of the division has recommended that the position not be filled this year, since there was no consensus on an outstanding candidate. I have decided to accept the committee's recommendation."

The new search is scheduled to begin soon, aimed at filling the position no later than fall 1987.

EVENTS

Next events deadline is Friday, Apr. 18 at noon.

- MONDAY, APR. 14-WEDNESDAY, APR. 26
EXHIBIT: "Toby Buonagurio: Selected Works," includes 25 painted ceramic sculptures and two watercolor paintings. Fine Arts Center Art Gallery, Tuesday-Saturday 12-4 p.m. and some evenings prior to Fine Arts Center Main Stage performances. Free and open to the public.
- MONDAY, APR. 14-FRIDAY, MAY 16
EXHIBIT: "Visual Anthropology: Documenting Two Cultures," Museum of Anthropology, Social and Behavioral Sciences Building Room S102. Hours: Monday, 10 a.m.-5 p.m.; Tuesday, 11 a.m.-5 p.m.; Thursday, 11 a.m.-4 p.m.; Friday, 10 a.m.-3 p.m. Free and open to the public.
- MONDAY, APR. 14-SUNDAY, APR. 20
THEATRE: *Every Step I Take*, a dramatization of the life of Nomzamo Winnie Mandela, directed by Prof. Glenda Dickerson, SUSB Department of Theatre Arts. Fine Arts Center Theatre II, 8 p.m. (Matinees Apr. 19, 20 at 2 p.m.) For ticket information, call the Fine Arts Center Box Office at (24)6-5678.
- MONDAY, APR. 14-TUESDAY, APR. 22
EXHIBIT: Works of Matt Cohen and Gale Sargeant, Stony Brook Union Gallery. For hours call the Gallery at (24)6-3657.
- MONDAY, APR. 14
FILM: *The Times of Harvey Milk*; Health Sciences Center Lecture Hall 2, Level 2, 12 noon and 5 p.m.; Javits Lecture Center Room 100, 9 p.m. Discussion to follow each screening.
- RECITAL:** Trumpet player Gary Trosclair in a Graduate Student Doctoral Recital; Fine Arts Center Recital Hall, 12 noon.
- LECTURE:** "The Future of Space Exploration," astronaut and Navy commander Frank Culbertson will speak to Prof. Marian Visich's engineering class but public is welcome, Main Engineering Building Room 145, 3-4:20 p.m. For more information, call Prof. Lester Paldy at (24)6-4007.
- RECITAL:** Pianist Jennifer Tao in a Graduate Student Doctoral Recital performing works by Beethoven, Chopin and others. Fine Arts Center Recital Hall, 8 p.m.
- FOLK DANCING:** New dances taught each week. Stony Brook Union Ballroom, 8 p.m. Free and open to the public.
- DISCUSSION:** "Active Teaching and Active Learning," Frank Melville, Jr. Memorial Library Administrative Conference Room W1503, 12:45-2 p.m.; part of the "Topics in Teaching" discussion series.
- TUESDAY, APR. 15
LECTURE: "The Altered Persona and Some Other Bright Ideas," Toby Buonagurio (in conjunction with her exhibit at the Fine Arts Center Art Gallery), Fine Arts Center Art Gallery, 12 noon-1 p.m.
- FILM:** *Despair*, Stony Brook Union Auditorium, 7 and 9 p.m. Tickets are .50 with SUSB I.D., \$1 without; available at the Stony Brook Union Box Office or at the door.
- LECTURE:** Astronaut and Navy commander Frank Culbertson will be speaking on space exploration; Arms Control and Peace Studies Center, Old

Chemistry Building Room 116, 8 p.m. For more information, call Prof. Lester Paldy at (24)6-4007.

RECITAL: Violist Scott Rawls in a Graduate Student Masters Recital, Fine Arts Center Recital Hall, 8 p.m.

DISCUSSION: "Can There Be a Jewish-Arab Dialogue?" Stony Brook Union Room 214, 8 p.m.

•WEDNESDAY, APR. 16
RECITAL: Graduate Students in the Department of Music, Fine Arts Center Recital Hall, 12 noon.

SPEAKER: "Gender and Myth in Victorian England," Adrienne Munich, Social and Behavioral Sciences Building Room 216, noon-1 p.m.

LECTURE: "Timbira Aesthetics: A Study in Progress," Yoana de Walschap, Museum of Anthropology, Social and Behavioral Sciences Building Room S102, 3-4 p.m.

RECITAL: Percussionist Dan Halperin in a Graduate Student Masters Recital; Fine Arts Center Recital Hall, 4 p.m.

RECITAL: Pianist Srebrenka Igrec in a Graduate Student Masters Recital; Fine Arts Center Recital Hall, 8 p.m.

•THURSDAY, APR. 17
FILM AND SPEAKER: *Diggers: A Documentary Film on the 100 Black Men Who Built the Panama Canal*, Javits Lecture Center Room 100, 2 p.m. At 3:30 p.m. Roman Foster (the film's producer and an AIM graduate) will speak on "Creating Your Own Career" in Room W3520 of the Frank Melville, Jr. Memorial Library (AIM conference room). Refreshments will be served.

SEMINAR: "Spatial Regulation of Homeobox Gene Expression in *Drosophila*"; Dr. Michael Levine; Columbia University; Life Sciences Building Room 038, 4 p.m.

COLLOQUIUM: "The Pre-Grenville History of the Adirondacks: An Anorogenic Magmatic Setting," Dr. James McLelland, Colgate University, Earth and Space Sciences Building Room 123, 4 p.m.

FILM: (DOUBLE FEATURE): *The Wild One*, 7 p.m. and *Easy Rider*, 9 p.m. Stony Brook Union Auditorium. Tickets for each film are .50 with SUSB I.D., \$1 without; available at the Stony Brook Union Box Office or at the door.

CONCERT: Graduate Students in the Department of Music in a Contemporary Chamber Concert; Fine Arts Center Recital Hall, 8 p.m.

FILM: *Coming Home*, Fannie Brice Theatre, Stage XII, 8 p.m. Discussion to follow. Free and open to the public.

LECTURE: "The Space Program—Where We Are, Where We're Going," Susan Agruso, New York State Finalist for NASA Teacher in Space, New York Institute of Technology in Old Westbury, Schure Hall, 8 p.m. Sponsored by the Long Island Chapter of American Women in Science. Refreshments served at 7:30.

HORSE COURSE: Racing experts from Aqueduct/Belmont will teach you how to play the horses and appreciate the sport of horse racing. Followed by live entertainment with folksinger Eric Stone; Roth Quad Dining Hall/Kosher Meal Plan Cafeteria, 9 p.m.

•FRIDAY, APR. 18-SATURDAY, APR. 19
FILM: *After Hours*, Javits Lecture Center Room 100, 8:30 and 10:30 p.m. and 12:15 a.m. Tickets are .50 with SUSB I.D., \$1 without; available at the Stony Brook Union Box Office or at the door.

•FRIDAY, APR. 18
LECTURE: "Urban Bilingualism"; Dr.

Peter van Nelde, Director, Institute for Bilingual Studies, Brussels; Frank Melville, Jr. Memorial Library Room E2345 (Javits Conference Room), 12 noon. Reception to follow.

DINNER: S.A.I.N.T.S. Award Dinner, Stony Brook Union Ballroom, 7 p.m.

RECITAL: Violinist Patricia Benstock in a Graduate Student Doctoral Recital performing works by Bach, Corelli and others; Fine Arts Center Recital Hall, 8 p.m.

•SATURDAY, APR. 19
SB SINGLES: Trip to New York City, including dinner at Mitali West (Indian cuisine). Call Stephanie Hyde at (24)6-7070 for more information.

RECITAL: Tritones recital. Flute trio of Tara O'Connor, Carol Dale and Cindy Raichel performing works by Bach, Beethoven and others. Fine Arts Center Recital Hall, 8 p.m.

•SUNDAY, APR. 20-WEDNESDAY, APR. 23
THEATRE: "Family, Friends and Other Intimate Strangers," an Undergraduate Student Theatre Production. Fine Arts Center Theatre III, 8 p.m. For more information, call (24)6-5670.

•SUNDAY, APR. 20
CONCERT: Pianist Richard Goode performing the all-Beethoven cycle. Fine Arts Center Recital Hall, 3 p.m. For ticket information, call the Fine Arts Center Box Office at (24)6-5678.

•MONDAY, APR. 21
RECITAL: Soprano Jinglu Cao in a Graduate Student Masters Recital; Fine Arts Center Recital Hall, 12 noon.

MEETING: Arts and Sciences Senate, Javits Lecture Center Room 109, 3:30 p.m.

WORKSHOP: "The Laws, Customs and Observance of Passover," Interfaith Lounge, Humanities Building room 157, 7 p.m.

FILM: *The Boys from Brazil*, Stony Brook Union Auditorium, 7 and 9:30 p.m. Tickets are .50 with SUSB I.D., \$1 without; available at the Stony Brook Box Office or at the door.

RECITAL: Pianist Denise Puricelli in a Graduate Student Masters Recital performing works by Beethoven, Chopin and others. Fine Arts Center Recital Hall, 8 p.m.

FOLK DANCING: New dances taught each week. Stony Brook Union Ballroom, 8 p.m.

•TUESDAY, APR. 22-WEDNESDAY, APR. 23
BOOK SALE: Library spring book sale, Frank Melville, Jr. Memorial Library Galleria Exhibit Room (1st floor), 10 a.m.-3 p.m.

•TUESDAY, APR. 22
COLLOQUIUM: "Random Pattern as Strain Measuring Tool with Possible Application to Electron Microscopy," Dr. Fu-Pen Chiang, Laboratory for Experimental Mechanics Research; Old Engineering Building, Room 301, 2:30 p.m.

FILM: *Masculin-Feminin*, Stony Brook Union Auditorium, 7 and 9 p.m. Tickets are .50 with SUSB I.D., \$1 without; available at the Stony Brook Union Box Office or at the door.

LECTURE: "The Threat of Nuclear War," Dr. Helen Caldicott, former president, Physicians for Social Responsibility. Part of the University Distinguished Lecture Series. Fine Arts Center Main Stage, 8 p.m.

•WEDNESDAY, APR. 23
LECTURE: Eighth Annual Lecture in Health and Public Affairs by David N. Sundwall, M.D., director of the Health and Human Resources staff of the U.S. Senate Committee on Health and Human Resources. HSC Level 2,

Lecture Hall 2, 4 p.m. For more information, call the office of the Vice President for Health Sciences at 124(444 off campus)-2101.

RECITAL: Opera workshop given by graduate students in the Department of Music, Fine Arts Center Recital Hall, 12 noon.

SPEAKER: "Career Ladders," Margaret Mitchell, Social and Behavioral Sciences Building Room S216, 12-1 p.m. Part of the NOW Speaker Series.

LECTURE: "Weltanschauung and Ideologies in West Germany," Dr. Klaus Schröter, editor of *Rohwolt Verlag*, Hamburg; Frank Melville, Jr. Memorial Library, Room E2345 (Javits Conference Room), 1 p.m. Reception to follow. Free and open to the public.

RECITAL: Flautist Barbara Norpeth in a Graduate Student Doctoral Recital; Fine Arts Center Recital Hall, 4 p.m.

RECITAL: Bassist Richard Doll in a Graduate Student Masters Recital; Fine Arts Center Recital Hall, 8 p.m.

PASSOVER: A Community Seder will be held on campus this first night of Passover; Roth Quad Dining Hall Kosher Dining Room, 7 p.m. Cost: kosher meal plan card, no charge; regular meal plan card, \$2.75; no meal plan, \$9. Reservations must be made in advance. For more information, call the Hillel Office at (24)6-6842. Home hospitality for the Second Seder, on Apr. 24, is available also. Please contact the Hillel Office no later than Apr. 22 if interested.

Two minyanim will combine for one service for Pesach. The schedule will be: Apr. 24, 25, 26, 30, and May 1 at the Arms Control Disarmament and Peace Studies Resource Center, Old Chemistry Building Room 116 at 9:30 a.m. Apr. 29 and Apr. 30 at Roth Quad Dining Hall, first floor at 7:30 p.m.

•THURSDAY, APR. 24
COLLOQUIUM: "Pathways of Soft X-Ray Induced Fragmentation of the CO Molecule," Dr. Dale S. Sondericker, National Synchrotron Light source, Brookhaven National Laboratory; Old Engineering Building Room 301, 2:30 p.m.

SEMINAR: "Channels Formed by Diphtheria, Tetanus and Botulism Toxin and Their Possible Relevance to Protein Translocation," Dr. Alan Finkelstein, Department of Physiology and Biophysics, Albert Einstein College of Medicine; Life Sciences Building Room 038, 4 p.m.

•FRIDAY, APR. 25
RECITAL: "Horn player Gretchen Zechel in a Graduate Student Doctoral Recital; Fine Arts Center Recital Hall, 4 p.m.

RECITAL: Flautist Virginia Carol Dale in a Graduate Student Doctoral Recital; Fine Arts Center Recital Hall, 8 p.m.

•SATURDAY, APR. 26
FUN RUN: Very Important Patriot (VIP) Fun Run; runners register at the Stony Brook Gymnasium from 7:30 to 8:30 a.m. Fee is \$7. Race time is 8:40 a.m. for one-mile run and 9 a.m. for four-mile run. Those who would like to pre-register (\$6) must do so by Friday, Apr. 18. For more information, call the Department of Physical Education at (24)6-6790.

RECITAL: Baritonist John Marc Baccus in a Graduate Student Masters Recital; Fine Arts Center Recital Hall, 8 p.m.

•SUNDAY, APR. 27
RECITAL: Clarinetist Lisa Johnson in a Graduate Student Masters Recital performing works by Stravinsky, Debussy and others; Fine Arts Center Recital Hall, 3 p.m.