

# CAMPUS CURRENTS

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

◆ October 10, 1988 ◆ Volume 6, Number 23

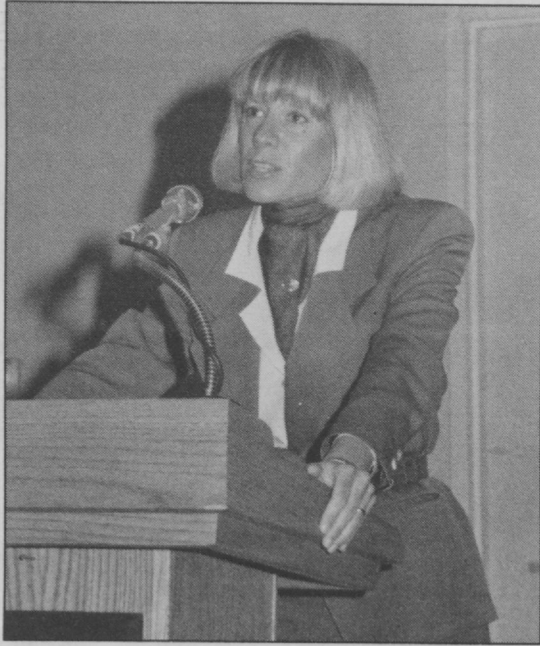
## Proposed Core Revisions Presented At Convocation

By Sue Risoli

A revision of the university's core curriculum was the subject of "Opening the Stony Brook Mind: The Next Step," held Oct. 5 and sponsored by the Office of the Vice Provost for Undergraduate Studies as part of the university convocation series.

The convocation came after extensive discussions between the University Senate's 12-member General Education Committee and campus groups, followed by meetings of a Core Curriculum Task Force convened this past summer by Vice Provost for Undergraduate Studies Aldona Jonaitis. The proposed revisions were presented at the convocation by faculty members Robert Kerber, chemistry; Joel Rosenthal, history; Sarah Fuller, music; Ted Goldfarb, chemistry; and Diane Barthel, sociology.

The program began with a listing by Kerber of criticisms from the university community on the current core curricu-



Vice Provost Aldona Jonaitis speaks at convocation.

lum. Heading, concluding and appearing midway through the list was the single objection: "It's too complicated." Other comments cited by Kerber included "loss

of educational goals and aspirations in a maze...that combines older distribution requirements with new concepts" and "too much emphasis on paper compliance and too little real change in what we're doing in the classroom."

The new, proposed core would include three categories of courses. "Analytic Studies" would encompass courses in mathematical and statistical reasoning, interpreting literary and philosophical texts, understanding the fine and performing arts and understanding self and society. The "Inner Core" would include studies on the natural world, western culture and social theory in historical perspective. "The Wider World" would cover implications of science and technology, the world beyond Euro-American traditions and American pluralism. Also proposed was a "capstone course" for graduating seniors, intended to integrate specialization within a major with themes of the core curriculum.

Aside from providing students with a more cohesive liberal arts education, the proposed revisions will "keep faculty on

our toes," said panel member Joel Rosenthal. "We were allowed to diverge from each other," he observed. "This will serve as a larger call to come back into the ranks." However, he cautioned, there is a great deal of work still to be done. "We've taken the first steps, but we shouldn't fall back on self-congratulation," he remarked. "This is the beginning of an intellectual and political struggle."

Jonaitis urged the audience to contact the General Education Committee with questions or comments, and said that meetings with students and faculty would continue. It is expected that the new curriculum will be in place by fall 1990.

The convocation also included a tribute to Professor Joseph Katz, a leading higher education researcher who died recently; award presentations to faculty members Barbara Weinstein, Robert Merriam, George Hechtel and Robert Kerber for their efforts on behalf of undergraduate education at Stony Brook; and applause for graphic artist Marie Gladwish, who conceives and prepares illustrations for the convocation series.

## University Scientists Advance Superconductor Technology

By Sue Risoli

Superconductors. For the past year or so, the very word has been charged with promise, as research worldwide advanced almost faster than scientists could publish their results. Now Stony Brook researchers have moved the field forward yet again, with an inexpensive and practical way to apply superconducting materials to almost anything.

These powdery superconducting substances exhibit no resistance to the passage of an electrical current below temperatures of about 77 degrees K. Electricity can be transported through them without loss of energy. Ultimately, this could lead to tremendous increases in the efficiency of power lines, electric motors, magnets, and

generators.

But despite the vast potential of superconductors—especially with the recently discovered copper oxide-based ceramics—there remained a problem: there was no feasible way to apply superconductors to the objects that needed to be coated. Enter Stony Brook's Herbert Herman, professor in the Department of Materials Science and Engineering.

For many years, Herman had been developing plasma spray technology, which involves the injection of materials into a plasma (ionized, high-energy gas) flame at 15,000 degrees C. As the material meets the flame, it melts and is propelled at supersonic velocities towards the object to be coated.

"We had been spraying perovskites, a standard ceramics material in the electronics industry, to study their crystal structure and electrical properties," recalls Herman. "In early 1987 I heard about superconducting materials and realized that they could be applied with plasma spraying."

Two members of Herman's research team—Richard Neiser and John Kirkland—were also affiliated with the Naval Research Laboratory in Washington, D.C. "We called the Navy to discuss plasma spraying of superconductors. They got excited. We all agreed that we had to try it," says Herman.

The idea worked. Herman and colleagues can apply superconductors to large or small areas and objects of just about any shape. (For instance, superconductors can be sprayed on such things as ball bearings, cables, and dish antennae.)

"We inject the superconducting powder into a high-velocity flame," Herman explains. "The plasma flame melts the powder and deposits it onto a surface. It solidifies in a millionth of a second, so, of course, there's no drying time involved." The technology is quick and inexpensive. "One variation of the procedure is about as portable and simple as a welding torch," Herman points out.

At first the Stony Brook researchers created the materials in their own lab, using what Herman calls "shake and bake"—baking up a batch of superconductors in muffin tins and grinding it into powder. Now they've entered into a partnership with Metco, a Long Island division of Perkin Elmer.

Metco manufactures the superconducting powders, and Stony Brook and the

*continued on page 2*

## Chancellor Calls For Lean Budget; University Seeks Ways To Cut Costs

By Wendy Greenfield

State University of New York Chancellor Bruce Johnstone is asking SUNY trustees to come up with a leaner budget request for 1989-90 compared to years past, in an effort to work with Gov. Mario Cuomo and lawmakers to close a \$1 billion to \$2 billion state revenue shortfall.

"He's asking the trustees to come closer to expectations based on what we've gotten over the past several years," said Herbert Gordon, vice chancellor for governmental and university relations.

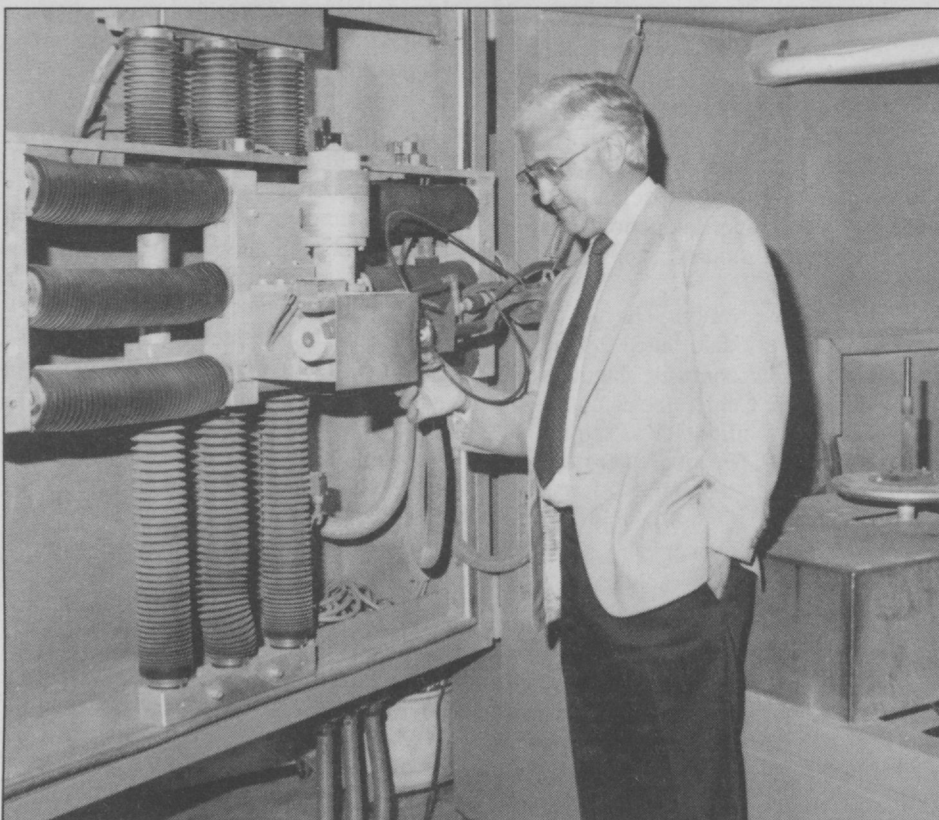
Last year, the legislature appropriated \$88 million less than what the trustees requested for the 1988-89 budget. In addition, Cuomo sliced an additional \$10.6 million. This year, because of the revenue shortfall, Cuomo has directed all state agencies to submit conservative budget requests.

SUNY's 1989-90 proposed operating budget totals just over \$1.5 billion, an 8.4 percent increase over the 1988-89 legislative appropriation. Much of the increase - \$88 million - would be used for salary increases already approved in state contracts. College programs would get \$18 million more next year, with the money going to the Graduate Research Initiative and student services such as counseling and developmental courses, Gordon said.

Stony Brook is seeking \$172.7 million next year, an increase of \$17 million over the 1988-89 budget. Nearly all of the increase will go to negotiated salary increases (\$12.2 million), utility increases (\$2.3 million) and inflation in supplies and expenses (\$1.1 million).

The remaining \$1.4 million in new

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Herb Herman demonstrates plasma spray technology.

## Fact Sheet

## Impact of 1988/89 State Budget On Stony Brook

The following provides background on the fiscal state of Stony Brook and the impact of this year's budget on the university.

**Background:** Stony Brook has fiscal problems that began in the mid-1970s, the start of an era of fiscal restraint by New York State that continues to this day.

During the past 12 years, the university has been laboring to support its instructional, health care, research and residence life missions under a growing operating budget deficiency. It has imposed hiring freezes, cutbacks in services and maintenance and other management controls, but the gap continues to widen. The problem is heightened by regional high costs and Stony Brook's particular blend of sophisticated advanced program offerings.

While it shares with other downstate campuses the problems of an extremely high cost of living compounded by soaring utility and waste disposal costs, Stony Brook is unique among the State University campuses in its programs. As a comprehensive research university with a medical center and hospital, Stony Brook has many advanced programs requiring studio or laboratory work, and is engaged in nearly 1,000 externally sponsored research programs.

Activities of this type require special facilities and personnel that add to the cost of operations. Stony Brook is the only public university in the state ranked as a 'Type I Research University.'

Stony Brook management has attempted to mitigate the operating budget problems within existing resources, but it is a task no longer possible in the current budget climate without major program reductions. The campus is working with SUNY and other state agencies to change its operating environment to reduce expenses, but the most promising opportunities are expected to require more than one year for implementation.

**The 1988/89 Budget:***Step 1 - Executive Budget Proposal*

This past January the Executive Budget created a \$36.5 million gap in the state-funded portion of SUNY's budget. This condition forced SUNY to generate new revenues from one-time only sources, such as bond closeouts and transfers from the Research Foundation. It also meant a continuation of inadequate funding for utilities, increased turnover savings, assessments on the value of unfilled positions and underfunding for supplies, expenses and equipment.

On the positive side, the Executive Budget provided for a continuation of the Graduate and Research Initiative, expansion of minority student recruitment programs and capital projects, such as graduate student housing and roof repairs, all of which are important for Stony Brook.

*Step 2 - Legislative Adjustments*

After weeks of debate the legislature added about \$8 million to the SUNY operating budget, leaving it with a \$28.5 million problem, of which Stony Brook's share was \$7 million. The effect on Stony Brook was a forced reduction of personnel funding by \$1.4 million and a shortfall of materials and supplies funds by \$400,000. A \$5 million underfunding of utility ex-

*Chancellor Calls For Lean Budget; University Seeks Ways To Cut Costs*

*continued from page 1*

funds would be used to continue the Graduate Research Initiative, improve student support services and maintain new buildings, including the field house now under construction.

At a University Senate meeting last week, Stony Brook President John H. Marburger said that given the budget reductions, faculty lines may have to be cut.

"Stony Brook is working with SUNY to reduce costs, particularly energy costs, but certain academic program areas have to share the burden," he said.

He called on the Senate to draw up recommendations in case the administration is faced with such a situation.

Provost Jerry Schubel objected to making "across-the-board" cuts in academic departments.

He said the university should make "reversible" cuts, such as reducing electricity consumption, and continue to increase revenue through the

penses was partially relieved by two SUNY reallocations totaling \$2 million. Stony Brook will have to swallow \$1 million in this year's budget. The remaining \$2 million is being treated by SUNY as a system-wide problem whose final resolution is undecided at this time.

The legislature also provided targeted funding for several specific initiatives at Stony Brook, including two major health care projects (for Lyme disease and the Burn Center) and projects in regional studies and continuing education.

*Step 3 - The Budget Reduction in Anticipation of Revenue Shortfall*

On June 10, the governor announced an additional 1988-89 budget adjustment designed to solve an estimated \$900 million state revenue shortfall. Following a period of intense interaction with the legislature, a compromise was reached that required SUNY to reduce spending by \$29.6 million over and above reductions already imposed by the original budget bill. In addition, SUNY was forced to raise \$4.6 million in new revenues and reduce capital expenditures by \$12 million.

Stony Brook's share of the SUNY reduction adds up to an additional bite of \$1 million from its operating budget and a significant increase in out-of-state tuition. Some capital projects at Stony Brook were also delayed, including several badly needed roof repairs.

**Impact On Stony Brook:**

Stony Brook is managing the reductions and shortfalls outlined above in five major ways:

1. Position vacancies. Reduced spending targets have been assigned to senior managers throughout the campus following an analysis of critical needs by an administrative Priorities Committee. In most cases the targets cannot be met with-

university's ongoing recycling program, tuition and income from the Summer Session program.

William Wiesner, president of United University Professions (UUP) and assistant to the vice provost for Undergraduate Studies, opposed making any recommendations to cut academic departments.

"If there is retrenchment at Stony Brook, we're going to enter a period of incredible decline, and we'll become mediocre," Wiesner said. "What we ought to be doing is working together to organize so there won't be any cuts."

While many faculty members agreed with Wiesner, some said they felt the faculty should be involved in deciding policy on faculty retrenchment.

"The faculty ought to be reflecting on how to minimize the pain [if a department needs to be cut]," said Peter Manchester, director of the Religious Studies Program. "Refusing to participate is a prescription for irresponsibility."

out reducing personnel. At the present time it appears that most of the necessary reductions can be achieved without layoffs, although the possibility of some layoffs in the third and fourth quarters cannot be entirely dismissed.

2. Program reductions. As the fall semester opened, Stony Brook was able to accommodate essentially all its course commitments made to students during summer registration. Reductions have occurred, however, in travel and expense allowances for departments, and materials shortages are anticipated in the spring semester. Current estimates indicate that funds available from one-time resources will suffice to prevent significant erosion in instructional programs.

3. Deferral of Maintenance. Internal reallocations have been made to address critical maintenance problems, but progress will be slowed on Stony Brook's long-range effort to improve campus physical conditions. Rehabilitations of interior spaces, repairs to pavements, steps, and walks, continued deferral of window washing and deferral of certain grounds maintenance tasks are among the areas of most visible impact. Hospital and dormitory maintenance are not expected to be affected by the budget reductions and steady improvement should be apparent in these areas.

5. Energy Conservation. During the summer, classes were distributed to other buildings to permit the complete shutdown of the Javits Lecture Center, the campus's main instructional facility. HVAC equipment was installed to permit greater flexibility of response to changing climate conditions, and other modifications including reduction of hot water temperature and installation of window shades were employed to reduce energy consumption. Stony Brook is on an all-out campaign to reduce energy requirements significantly

in both the short and long runs.

6. Waste Disposal. Stony Brook has implemented a sophisticated waste separation and recycling program. Focusing on waste paper and cardboard, the program seeks to reduce the volume of the campus waste stream to limit waste management budgets, despite rapidly escalating carting costs and tipping fees. In the hospital alone, the program has decreased the volume of the conventional trash by 30%.

**Looking Ahead:**

For the 1988-89 fiscal year, Stony Brook's adjusted base operating budget is \$155,721,000. Next year the university will be seeking \$172,700,000. Nearly all of the increase of \$17 million will go to negotiated salary increases (\$12.2 million), utility increases (\$2.3 million) and inflation in supplies and expenses (\$1.1 million).

The remaining \$1.4 million in new funds beyond mandatory increases would be used to continue the Graduate and Research Initiative, improve student support services and maintain new buildings, including the field house.

This request will leave Stony Brook's budget in about the same shape it was this year after the mid-year budget reduction programs occurred. Any reduction from this level will lead to further reduction in programs and services. In the short run, energy conservation and waste recycling will not generate savings large enough to spare academic programs if cuts occur next year similar in magnitude to those that were imposed this summer.

*Scientists Advance Superconductor Technology*

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Naval Research Lab evaluate them at the university's laboratories. "Metco has been very happy about it, and so have we," Herman comments.

Herman's team is working to improve upon the technology and is collaborating with Metco on refining various superconducting powders. They've also joined with researchers at Brookhaven National Laboratory (through a contract with the U.S. Department of Energy) to explore plasma spraying of superconductors. These projects and other applications of Herman's research (such as using plasma spraying to coat turbine blades, protecting them from oxidation) were highlighted in the September issue of *Scientific American*.

"Though certain aspects of plasma spraying of superconductors will see application in a couple of years, it's still in the research and development stage," Herman concludes.

"But there is a tremendous intensity of effort going on in superconducting research, both in our lab and around the world," he adds. "The future in this area is very real and very exciting."

**CAMPUS CURRENTS**

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

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

**StonyBrook**

# People

Items for "People" should be directed to Assistant Director Sue Risoli, 319 Administration Building.

## News in Brief

◆ State University of New York Chancellor Bruce Johnstone will visit Stony Brook Oct. 10 to meet students, faculty and staff to gain a better understanding of the mission and problems of Stony Brook. Johnstone is scheduled to have breakfast with the Vice Presidential Advisory Group (VPAG), followed by a visit to the Health Sciences Center. He plans to lunch with undergraduate and graduate students and meet with the academic sector in a series of sessions in the afternoon.

◆ An "awareness" program for student safety, cleaning up the campus and energy conservation was discussed at a recent meeting between Student Affairs Vice President Frederick Preston and members of the Student Leaders Roundtable. The idea of the awareness program was advanced by Jeff Altman, a student representative of the Stony Brook Council. In other business, two representatives from the Manhattan architectural firm Perkins and Will asked for input from students for the master plan they're drawing up for the campus. They plan to tour residence halls and other student areas in the near future. The 11-member Roundtable, established in 1982, is composed of elected student leaders from the largest student governance organizations on campus, who meet with Preston regularly to discuss student issues, such as cooking and security in the residence halls and the campus's alcohol policy.

◆ In response to a growing concern among the university community about the effects of

tobacco smoke on health, President John H. Marburger detailed a plan to restrict smoking in public areas, the workplace and in residence halls as of Dec. 1. The proposal will be discussed with the executive committee of the University Senate and representatives of student governance groups and campus labor unions. Smoking would be prohibited in most areas on campus, but designated smoking areas would be available in all buildings and on each floor of a building, where possible.

## Almanac

### Awards/Honors

◆ Philip Solomon, professor of astronomy in the Department of Earth and Space Sciences, has been named a Humbolt Award recipient in the category of Senior United States Scientist. The award is sponsored by the German-based Alexander Von Humbolt Fund. Solomon will spend eight months researching star formation and interstellar matter in galaxies at the Max Planck Institute of Radio Astronomy, Bonn, West Germany, and the German/French Institute for Millimeter Radio Astronomy, Grenoble, France.

### Correction

In last week's listing of University Senate election results, one name was inadvertently omitted. Professor Boudewijn Brinkhuis of the Marine Sciences Research Center is an alternate for SUNY senator.



Thanks to the quick-thinking efforts of assistant bursar Daniel Maguffin and Teddy Magaliff, the Bursar's supervisor for grants and awards, a 20-year-old ex-Stony Brook student was arrested for allegedly attempting to steal \$17,500 from the university through a check scam. The man was arrested Sept. 23 at the Bursar's window by Suffolk Police and charged with forgery and grand larceny. Maguffin said the man, using an alias, had attempted to get a refund on a \$22,500 tuition check. Maguffin, a former banker, and Magaliff became suspicious about the check because of notations on the front which said it was for tuition and dialysis, and on the back, for child support payments. When Maguffin contacted the bank that issued the check, he learned the man was wanted for allegedly carrying out similar schemes at other colleges throughout the country.

# Bulletin Board

## Notices

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

◆ **English As A Second Language, Fall '88:** Sponsored by New York State and CSEA. Classes begun Sept. 13 will continue through Dec. 21 from 10 a.m. to 3:30 p.m. (dependent on the level) in SBS Room N115. Call Millie at 632-6575 for more information.

◆ **Science Programs Offered:** The Museum of Long Island Natural Sciences, located on the SUNY campus at Stony Brook, will offer a wide variety of science-related programs this fall for children and families. For more details, call the museum at 2-8230 for a brochure.

◆ **Psychology Honors Program:** Sophomore Undergraduates are being interviewed for acceptance into the Psychology Department's Honors Program. The program begins with a Junior Year Seminar and ends with the completion of a faculty-sponsored research project. Requirements: Overall GPA of 3.00, Psychology GPA of 3.5 (exceptions individually considered) Applications and information at PRIME TIME and in Undergraduate Psychology Office, Psychology B 117.

◆ **Honor Society For Psychology:** Psi Chi, the National Honor Society in Psychology, founded in 1929, has a Stony Brook Chapter which is accepting applications for membership. To be eligible a student must be registered as a Psychology major and have an overall GPA of 3.0 with a GPA of 3.3 in psychology. There is a one-time application and membership fee of \$30. Interested students should contact the Chapter President, Hilda Kong, who is available in the Psychology Advisement Office, Psychology B-116, on Tuesdays from 3 p.m. - 4 p.m.

◆ **Brown Tide Conference:** A two-day conference on brown tide will be held at the university Oct. 27 and 28 in the Stony Brook Union Building.

The conference, "Novel Phytoplankton Blooms: Causes and Impacts of Recurrent Brown Tides and Other Unusual Blooms," will bring together experts in the field to discuss topics such as environmental factors influencing brown tide and the impact on shellfish. The fee is \$25 for one day, \$38 for

both days. A banquet dinner at the Port Jefferson Country Club at Harbor Hills is \$25. For information, call Stony Brook's Office of Conferences and Special Events at 2-6320.

◆ **EAP Program:** The Employee Assistance Program (EAP) is a service to help state employees and their families cope with problems in their lives, before these problems affect the employee's job.

EAP is a joint program of labor and management, and is directed by a labor/management committee, which sets policies and selects the local EAP coordinator.

EAP is free, confidential, and voluntary. For more information, contact campus EAP coordinators at 2-6085.

◆ **Intramurals:** Students, staff and faculty wishing to participate in October intramural sports should note the following registration deadlines:

Racquetball singles, three mile cross country running race, October 14; volleyball, handball doubles, October 26. Registration will be held in the intramurals office in the Gymnasium, room G-7, between 1 p.m. and 5 p.m. For information call the office at 2-7168.

◆ **Female Support Group:** A support group for female graduate students with children is being offered by the University Counseling Center. For information, call 2-6720, or drop in at the center Monday through Friday between 10 a.m. and 3 p.m.

◆ **Speaker Supper Series:** The "Speaker Supper" series, sponsored by the campus Catholic ministries, has resumed this year with several changes. Suppers will now be held in Benedict Cafeteria (H Quad) in an annex off the main dining room. Those not on the meal plan will need tickets for admission; tickets at \$5 are available in the Catholic ministries office, in the Interfaith suite in the Humanities building. Reservations are required the Monday before each dinner. Call 2-6561.

Dinners begin at 5:30 p.m., speakers begin at 6:30 p.m., and the program ends at 7:30 p.m.

Topics are: Oct. 11—Hunger in Africa, A First-Hand Look; Oct. 19—the Humanity of Jesus; Oct. 26 — A Look at the Bishop's Pastoral on Women; Nov. 2—Catholic Faith and Political Responsibility; Nov. 16—Sexual Intimacy as an Image of God.

## Employment

### POSITIONS AVAILABLE

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

#### APPLICATION DEADLINE OCTOBER 21

UH-2147 - Th Medical Instrumentation Assoc., SL-2, \$21,000-\$28,000, Biomedical Engineering  
UH-2146 - Senior Programmer Analyst, SL-4, \$35,000-\$45,000, Technical Support  
UH 2145 - Th Financial Analyst, SL-3, \$28,000-\$34,000, Cost and Budget

#### APPLICATION DEADLINE OCTOBER 24

88-188 - Research Assistant, RO-1, \$18,000-\$20,000, Microbiology  
88-613 - Technical Specialist, PR-1E, \$15,000-\$25,000, Division of Surgery Oncology/Department of Surgery  
88-187 - Assistant for University Financial Analysis, PR-2E, \$25,000-\$37,000, Surgery  
88-185 - Technical Specialist, PR-2E, \$25,000-\$33,000, Allergy/Rheumatology and Clinical Immunology

#### APPLICATION DEADLINE OCTOBER 27

88-190 - Project Staff Assistant, SE-3, \$24,000-\$28,000, Harriman School of Management and Policy  
88-191 - Community Relations Associate, SL-2, \$25,000-\$30,000, University News Service  
88-192 - University Instructional Specialist, SL-5, \$34,000-\$56,000, Mineral Physics Institute  
88-193 - Programmer Analyst II, EO-2, \$20,000, Institutional Services

#### APPLICATION DEADLINE OCTOBER 28

UH 2124A - Th Medical Radiographer I/ Ultrasound, SL-3, \$27,000-\$33,000, Radiology

#### APPLICATION DEADLINE OCTOBER 30

UH 2148 - Th Management Engineering Technologist, SL-2, \$21,000-\$25,000, Management Engineering  
UH 2149 - Associate Director of Nursing, SL-6, \$42,000-\$66,200, Nursing Administration  
UH 2150 - Th Sr. Financial Analyst, SL-4, \$28,000-\$32,000, Fiscal Services

UH-2151, Th Physical Therapist Assistant II, SL-1, \$11,000, Physical Therapy  
UH-2152 - Th Clinical Lab Tech I, SL-4, \$28,000-\$36,000, Lab/Special Coag

#### APPLICATION DEADLINE OCTOBER 31

88-195, Programmer Analyst, SL-2, \$26,000-\$29,000, Management Systems Office  
88-196 - Staff Assistant, SL-2, \$21,000-\$25,000, Graphic Support Services  
88-197 - Research Associate, RO-2, \$35,000, Division of Allergy, Rheumatology and Clinical Immunology  
88-198 - Technical Assistant, PR-1E, \$20,000, Medicine/Nephrology  
88-198 - Technical Assistant, PR-1E, \$20,000, Medical/Nephrology

#### APPLICATION DEADLINE NOVEMBER 15

F-39-88 - Assistant, Associate or Full Professor, Department of Chemistry

#### APPLICATION DEADLINE JANUARY 1

\*Repost F-68-87 - Associate or Full Professor, Political Science Department  
\*Repost F-69-87 - Assistant Professor, (tenure track), Political Economy/Policy  
\*Repost F-70-87 - Assistant or Associate Professor American Politics, Political Science Department  
F-40-88 - Assistant Professor (tenure track), Political Psychology, 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: Until Filled

C-246-88 - Typist P/T, SG-3E, Materials Sci/ Eng.  
F-43-88 - Professor and Chairperson, Department: Electrical Engineering  
\*Repost F-102-87 - Professor/Assistant/ Associate or Instructor of Medicine and Supporting Faculty, Department of Medicine  
UH 2153, Th Medical Radiographer II, SL-2, (\$26,750-\$35,000), Radiology  
F-44-88, Instructor, Assistant, Associate or Professor of Medicine and Associate Director of Training and Education, Department of Medicine

# Upcoming

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

## Monday October 10

**Astrophysical Journal Club.** ESS, Room 450, 12 p.m.

## Tuesday October 11

**Chemistry Evening Seminar Series:** "Magnetic Resonance in Biophysics and Medicine." Professors Harbison, Springer and Thomann, Chemistry Building, Room 412, 7 p.m. - 10 p.m.

**Student Activities Fair:** Find out what activities and programs are available through the many clubs and organizations on campus. 10 a.m. - 4 p.m.

**Seminar:** "Novel Aspects of Acetylcholine Receptor Regulation in Neurons" Speaker: Joseph Margiotta, Ph.D., Dept. of Pharmacology, University of Cal. at San Diego. Life Sciences Bldg., Room 038, 4 p.m.

**Introduction to Meditation I:** Two-session workshop scheduled to meet Oct. 11 and 18. Advanced registration required. Sponsored by The Group Shop and the University Counseling Center. Contact Dr. JoAnn Rosen at 632-6720.

**Stress and Your Health:** Meets from 6 p.m.-7:30 p.m. with Lori Yankowitz, M.S.W. Ongoing group meets Oct. 11 and 18. Advanced registration required. Sponsored by The Group Shop and University Counseling Center.

## Wednesday October 12

**President Marburger's annual meeting on Stony Brook women's issues.** Bring questions, problems and lunch. Open to all: students, staff and faculty. SBS S-218, noon. Juice and cookies. Sponsored by campus NOW.

**Noontime recital:** Students in Department of Music. Recital Hall, Fine Arts Center.

**Hatha Yoga with Wendy Kasdan, M.A.** This ongoing group will meet on Wednesday beginning Oct. 12 and ending Dec. 7, 7 p.m.-8:30 p.m. Advanced registration required. Sponsored by the Group Shop and the University Counseling Center. For further information, call Dr. JoAnn Rosen at 2-6720.

**NOW "Brown-Bag" Meetings:** Room 216, Social and Behavioral Sciences, 12 noon. Bring your lunch and join us for informal discussion and friendship. All welcome.

**Noontime recital:** Students in the Department of Music. Recital Hall, Fine Arts Center, 12 p.m.

**G.W. Pabst's Pandora's Box.** Presented by the Stony Brook Film Society, and stars Louise Brooks. Stony Brook Auditorium, 7 p.m. and 9:30 p.m. Introduction by Prof. Jim Harvey, preceded by a reception and refreshments at 6:30 p.m. in the Stony Brook Union Auditorium. A book signing of Harvey's *Romantic Comedy* will also take place.

## Thursday October 13

**Organic Seminar:** TBA, Heung-Jin Choi, SUSB; Room 412, Chemistry Building, 4 p.m.

**Surface Science Seminar:** "Medium-Energy Ion Scattering (MEISS)," R. Tromp, IBM, Grad Physics C120, 3 p.m.

**Seminar:** "The Spinal Network of a Simple Vertebrate Motor Behavior. The Escape Initiated by the Mauthner Cell in Goldfish." Speaker: Joseph Fetcho, Ph.D., Dept. of Physiology, Univ. of Buffalo. Life Sciences Bldg., Rm. 038, 4 p.m.

**Physical Chemistry Seminar:** TBA, M.L. Klein, University of Pennsylvania, Room 412, Chemistry Building, 12 p.m.

**Seminar Series in Molecular Endocrinology and Cell Biology:** "Cellular Ca<sup>2+</sup>

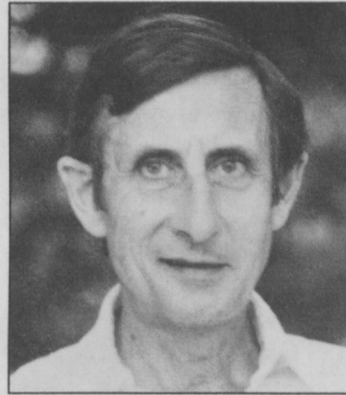
## Freeman Dyson To Speak In Lecture Series

Physicist Freeman Dyson will speak Oct. 13 as part of the University Distinguished Lecture Series.

His address, titled "On Being the Right Size: Reflections on the Ecology of Scientific Projects," will be presented at 4 p.m. in the Fine Arts Center Recital Hall.

As a professor at Princeton's Institute for Advanced Study for 35 years, Dyson has been a colleague of Albert Einstein, J. Robert Oppenheimer, Kurt Godel and John von Neumann. He has written numerous books and articles for the lay audience; his most recent book is *Infinite in All Directions*.

The Distinguished Lecture Series is cosponsored by Newsday and Stony Brook's Office of the Provost.



Freeman Dyson

Homeostasis." Dr. Peter F. Blackmore, Howard Hughes Medical Institute, Vanderbilt University School of Medicine, Nashville, TN; Dept. of Physiology and Biophysics, Room 140, T-5, Basic Health Sciences Tower. 3 p.m.

**University Distinguished Lecture Series.** Topic: "On Being the Right Size: Reflections on the Ecology of Scientific Projects." Freeman Dyson, renowned physicist; Professor at the Institute for Advanced Study at Princeton; author, *Infinite in All Directions*. Recital Hall, Fine Arts Center, 4 p.m.

"Cloud Nine." A comic kaleidoscope of colonialism and sexual oppression set in Africa and England by one of Britain's most controversial playwrights. Theatre 2, Fine Arts Center, 8 p.m. Saturday, Oct. 16, 20-22

## Saturday October 15

**Body/Mind Wellness:** A Holistic Approach: One session workshop. Advanced registration required. 9:30 a.m. - 12 p.m. Call Dr. JoAnn Rosen at 2-6720 for more information.

"The Best of Gilbert & Sullivan." Stars from the D'Oyly Carte Opera Company of London, Fine Arts Center, Main Stage. Special show for children at 3 p.m. Tickets: \$10/5. Family show at 8 p.m. Tickets \$18/16/14.

**Opening Reception:** Permutation and Evolution. Edgar Buonagurio: Paintings 1974-1988. Art Gallery, Fine Arts Center, 6:30 - 8 p.m.

## PANDORA'S BOX



The bitter saga of the amoral Lulu, who wanders through decadent Berlin, innocently destroying everyone she meets before she is murdered by Jack the Ripper. Presented by the Stony Brook Film Society, and stars Louise Brooks. Introduction by Prof. Jim Harvey, preceded by a reception and refreshments at 6:30 p.m. in the Stony Brook Union Auditorium. A book signing of Harvey's *Romantic Comedy* will also take place. Stony Brook Auditorium, 7 p.m. and 9:30 p.m. Admission: \$2.00

## Monday October 17

**Astrophysical Journal Club,** ESS, Room 450, 12 p.m.

**Introduction to Meditation II:** Two-session workshop meets on Oct. 17 and 24. Advanced registration required. Meets from noon - 1 p.m. Call Dr. JoAnn Rosen at 632-6720 for more information.

## Tuesday October 18

**Seminar:** "A Block to Transcript Elongation In Vitro Can Be Modified By An RNA Polymerase II Transcription Factor" Speaker: Daniel Reines, Ph.D., Dept. Biochemistry, University of California, Berkeley. Life Sciences Bldg., Room 038, 4 p.m.

**Assertiveness Training:** Meets from noon to 1:15 p.m., ongoing will meet Tuesdays, Oct. 18, 25, Nov. 1 and 8. Call Dr. JoAnn Rosen at 632-6720 for further information.

**Welcome Reception for New Transfer Students.** Student panel discussion, "How To Succeed at Stony Brook." All faculty, staff and students welcome. Union Ballroom from 4 p.m.-5:30 p.m.

**Women's Lunch Group:** End of the Bridge, 12 p.m. Call Faith Devitt at 2-6338 if you plan to attend.

**Seminar:** "Magnetic Resonance in Biophysics and Medicine." Professors Harbison, Springer and Thomann. Chemistry Building, Room 412, 7-10 p.m.

**What are the Jewish Issues in '88?** Come to the Union, Room 236 tonight at 8 p.m. and hear Democrat Steve Israel, asst. to Suffolk County Executive Patrick Halpin; and Republican Lawrence Epstein, S.C.C.C. discuss the issues.

## Wednesday October 19

**Report on 2nd Annual International Conference on Science Education:** Speaker: Willard J. Jacobson, professor of science education at Teachers College, Columbia University, Harriman Hall, Room 214, 4:30 p.m.

**I Never Told Anyone:** Meets from 3 p.m. to 4:30 p.m., a one-session workshop. Advanced registration required. Call Dr. JoAnn Rosen at 2-6720 for more information.

**A Practical Approach to Text Anxiety:** Meets from 12 to 1:15 p.m., a one-session workshop. Advanced registration required. For further information, call Dr. JoAnn Rosen at 2-6720.

**NOW "Brown Bag" Meetings.** Bring your lunch and join us for informal discussion and friendship. All welcome. Social and Behavioral Sciences, Room 216.

**University Wind Ensemble:** Jules Massenet, *Phedre Overture*, Brahms, *Hungarian Dances* Tchaikovsky, *Caprice Italian*. Tickets: \$5/3. Fine Arts Center, Main Stage. 8 p.m.

## Saturday October 22

**Hargrave Vineyard Tour:** Join the Museum of Long Island Natural Sciences at Hargrave Vineyard in Cutchogue at 11 a.m. for a special tour of the vineyards and fermentation cellar. Adults will have an opportunity to sample the wines. Fee \$5. Register by calling 2-8230.

## Exhibitions

**Through Oct. 14:** C. Kellner - E. Stevenson - Union Gallery, Stony Brook Union.

**Through Oct. 29:** Permutation and Evolution: Edgar Buonagurio: Paintings 1974-1988. Fine Arts Center Gallery.

## Hours

**Fine Arts Center Gallery:** Tuesday through Saturday. Noon - 4 p.m.

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

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

**Pool:**  
M - W - F 11:45 a.m. to 12:40 p.m.  
M - W - F 8:30 p.m. to 10:30 p.m.  
Sat. and Sun. 2 p.m. - 4 p.m.  
**Grad. Swim:**  
2:30 p.m. to 3:30 p.m. Tuesday and Thursday

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

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

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

**Circulation, stacks:**  
Monday - Thursday: 8:30 a.m. - 11 p.m.  
Friday: 8:30 a.m. - 8 p.m.  
Saturday: 10 a.m. - 6 p.m.  
Sunday: Noon - 11 p.m.

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

**Health Sciences Library:**  
Monday-Thursday 8:30 a.m. - 11 p.m.  
Friday 8:30 a.m. - 9 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.

Oct. 14 - 6 p.m.; Oct. 21 - 5:45 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.  
Stony Brook Hebrew Congregation (orthodox) -Mathematics S-235, 9:30 a.m.

**Roman Catholic:** Sunday Mass: 5 p.m. and 7 p.m. Peace Studies Center, Old Chemistry Building; 9:30 a.m. Hospital Chapel, Level 5 HSC.  
Weekday Mass: 5 p.m. - Monday and Wednesday - Interfaith Lounge, Humanities Building, Room 157; Noon - Monday, Tuesday, Wednesday and Friday Hospital Chapel, HSC.

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

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

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