

UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

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Commencement's Coming!

By Mark Owczarski

Close to 2,600 undergraduates and 1,700 graduate students will receive degrees on Sunday, May 15, during the University at Stony Brook's 34th commencement ceremony. The program begins at 11 a.m. in the Indoor Sports Complex.

John H. Marburger, who has led the university for the past 14 years, will preside over his last commencement ceremony before stepping down. To mark the occasion, he will deliver the keynote address.

The ceremony honors the Class of 1994: Approximately 1,600 bachelor of arts, 850 bachelor of science, 150 bachelor of engineering, 1,200 master's, 150 medical and dental, and 350 doctoral degrees will be awarded. Departmental convocations will be held separately to distribute diplomas.

U.S. Surgeon General Joycelyn Elders and two former Stony Brook professors — Akito Arima, president of the Institute of Physical and Chemical Research in Tokyo, and Robert Paxton, Mellon Professor of the Social Sciences at Columbia University and director of the Institute on Western Europe — will receive honorary degrees. Dr. Arima and Dr. Paxton will receive their degrees at the main ceremony, and Dr. Elders will be honored at the School of Social Welfare convocation at 3 p.m. in the Staller Center.

A board-certified pediatric endocrinologist, Dr. Elders was appointed U.S. Surgeon General by President Clinton. She is an outspoken advocate of comprehensive school-based health education.

Dr. Arima is an expert on nuclear structure, nuclear magnetic moments and group theoretical analyses of

nuclear levels. A member of Stony Brook's Department of Physics for three years, he has been instrumental in promoting collaborative research between USB and Tokyo University, where he was president from 1989 to 1993.

A scholar of modern French history, Dr. Paxton played a central role in reorienting research and understanding of France's compliance with the Nazis during World War II. He is best known for his 1973 book, *Vichy France*, which he began while teaching in Stony Brook's Department of History.

George Burkoski, Jr. will deliver the student address, an honor determined by competition (see page 3). Two New York State high school teachers will be honored: Keith Lauber, history teacher at Ward Melville High School in East Setauket, and Fr. Sean Ogle, former prefect of students, English teacher, and speech and debate coach at Cathedral Preparatory School in Queens.

In keeping with tradition, the Saffron Kilts will head the procession. Grand Marshall Egon Neuberger, professor of economics and president of the University Senate; Senior Class Representative Nancy Belson; and students carrying departmental banners will lead the faculty and the Class of 1994.

Tickets are required for graduation. All unused tickets (if any) will be given out on a first-come, first-served basis on Saturday, May 14, beginning at 10 a.m. in the lobby of the Indoor Sports Complex.

Both the main and north entrances to campus will be closed to traffic from 10:30 to 11:30 a.m. Continuous bus service will be provided to the ceremony site from South P Lot and other designated lots throughout the morning.

For more information, call the Office of Conferences



Adjusting a mortarboard at last year's Commencement

and Special Events at 632-6320. A Commencement Hotline, 632-7787, will be in operation on May 15.

Mendelsohn Quad



On April 20, Helena Romano and Michael Nicoletta officially raised the flag over the newly named Harold R. Mendelsohn Quad.

Presidential Search Narrowing

The presidential search is closing in on a candidate. The Stony Brook Council is expected to recommend one of three nominees for consideration by the SUNY board of trustees at its next meeting on Thursday, May 26.

The new president will replace John H. Marburger who will step down to join the Department of Physics after taking a one year sabbatical. Dr. Marburger has been president for the past 14 years.

The finalists are David Cohen, provost of Northwestern University and former faculty member and department chair at Stony Brook; Shirley Strum Kenny, president of Queens College, City University of New York; and I. Dodd Wilson, dean of medicine at the University of Arkansas in Little Rock.

Dr. Cohen has been provost of Northwestern since 1992. Prior to that, he was vice president for research and dean of the Graduate School at Northwestern. He is a professor of neurobiology and physiology, with a joint appointment at Northwestern's School of Medicine and an adjunct position as professor of neurobiology and behavior at Stony Brook. From 1979-1986, Dr. Cohen was on the faculty here as chair of the Department of Neurobiology and Behavior and professor of psychology and anatomical sciences. He earned his bachelor's degree from Harvard University, *magna cum laude*, in 1960 and his Ph.D. from the University of California at Berkeley in 1963.

Dr. Kenny has been president of Queens College of CUNY since 1985. She taught in the Department of English at the University of Maryland from 1971-85,

where she also served as provost of humanities and fine arts. Before that, she was on the faculty at Catholic University of America. She earned a B.A. and a B.J. from the University of Texas in 1955, an M.A. from the University of Minnesota in 1957, and a Ph.D. from the University of Chicago in 1964. She has lectured and published extensively on issues in higher education. Her scholarly field is the Restoration period and eighteenth century English theatre.

Dr. Wilson, a board-certified specialist in internal medicine, has been dean and professor of medicine at the University of Arkansas College of Medicine since 1986. He is a member of the Chancellor's Cabinet of the University of Arkansas for Medical Sciences and serves on the Medical Board of the University Hospital.

From the early 1960s until his move to Little Rock, Dr. Wilson was associated with the University of Minnesota Medical School, first as an intern, then as a medical fellow, rising through the academic ranks from instructor to full professor and vice chair of the Department of Medicine. He is active in the Association of American Medical Colleges, serving on key committees like the Council of Deans, the Executive Council and the Advisory Panel on Strategic Positioning for Health Care Reform. Dr. Wilson earned his bachelor's degree, *summa cum laude*, from Dartmouth College in 1958 and his M.D. from Harvard Medical School in 1961.

The next president, Stony Brook's fourth, is expected to assume the office this summer.

3 University Launches
Lunchtime Shuttle Service
to Three Village Shops.

5 Mathematics Professor
Honored
by Royal Society.

8 Bach's World
Coming to Stony Brook
in June.

Arthur Bernstein (Computer Science) serves on the program committee of the Parallel and Distributed Information Systems Conference, to be held in Austin, Texas, this September... **Julie Castaño**, a freshman engineering student, has received the 1994 Mentor Program Achievement Award for leadership, service and academic success. Her mentor is Professor of Chinese Studies Dr. Shi Ming Hu... **Paul DePaoli**, a senior majoring in electrical engineering, received a \$1,000 scholarship for outstanding academic performance from the Metropolitan Club of the Association of Old Crows, the professional organization of electronic defense. He is an officer of Tau Beta Pi (national engineering honor society) and Eta Kappa Nu (national electrical engineering honor society)... **Ingrid Desir**, a junior majoring in psychology, received the \$1,000 National Science Foundation Incentives for Excellence Scholarship Prize... **Thomas Flanagan** (English) was awarded a Doctor of Letters, *honoris causa*, from the National University of Ireland in April for his "distinguished contributions to Irish literature and history." His third novel, *The End of the Hunt*, which completes his epic trilogy that began with *The Year of the French* and *The Tenants of Time*, was published in April to widespread critical praise from *The New York Times*, the *San Francisco Chronicle*, the *Washington Post*, and other major papers... **Luigi Fontanella** (French and Italian) was awarded the Ragusa Literary Prize in Sicily for his *Round Trip* (Udine: Campanotto Publishers, 1991), a "diary in verse." The book was selected by a jury that included noted Italian poet, Giovanni Occhipinti; a publisher; and a professor of Contemporary Italian Literature at the University of Rome... **Michael Green** (Electrical Engineering) and Alan N. Willson, Jr. of UCLA received the 1994 W.R.G. Baker Award from the Institute of Electrical and Electronics Engineers for their paper, "How to Identify Unstable Operating Points"... **Michael Kifer** (Computer Science) will edit a special issue of the *Journal of Intelligent Information Systems* on "Advances in Deductive and Object-Oriented Databases"... **John M. Kincaid** (Mechanical Engineering) will be a keynote speaker at the Eighth Nordic Symposium on Computer Simulation of Liquids and Solids in Roeros, Norway, in June... **Susan Larson** (Anatomical Sciences) is the 1994 recipient of the Basmajian/Williams Wilkins Award of the American Association of Anatomists for outstanding research and demonstrated excellence and commitment to teaching... **Theodosios Pavlidis** (Computer Science) was elected to the governing board of the Institute of Electrical and Electronics Engineers Computer Society and appointed to chair a committee that oversees IEEECS research publications... **Howardena Pindell** (Art) has a one-woman retrospective at the Davison Art Center of Wesleyan University in Middletown, Connecticut, through June 5. Her mosaic, "Memory," commissioned by the City of Phoenix, Arizona, has been installed at the Sky Harbor International Airport... **Ary Rosenbaum**, a senior majoring in political science, is the 1994 recipient of the Martin Buskin Award, named in honor of the late education editor at *Newsday* who taught journalism at Stony Brook... **Kamal Sridhar** (Linguistics) was elected to the editorial board of the journal of Teachers of English to Speakers of Other Languages (TESOL). In addition, she is co-chair of the Scientific Commission on Language and Education in Multilingual Settings for the International Association of Applied Linguistics... **Dan Tesone**, a senior member of the men's swim team, is the first diver in university history to earn All-American honors. He competed in the three-meter diving competition at the NCAA Division III Men's Swimming and Diving Championships...

APPOINTMENTS

Roni Paschkes, coordinator of off-campus housing, to assistant dean of students in the Office of the Vice President for Student Affairs... **Glenn H. Watts**, vice president for finance and management, has been named president of the Stony Brook Foundation, the not-for-profit corporation that receives and administers private gifts and grants on behalf of the university.

NSF Funds Ethics in Science Institute

The National Science Foundation, responding to a call from the National Academy of Sciences, the National Academy of Engineering and the Institute of Medicine, is funding a summer institute at Stony Brook to help secondary school teachers deal with ethics in the science classroom.

The institute, July 11-22, will help teachers reformulate courses in order to teach concepts and skills within a context of ethical inquiry.

Conducted by Chemistry Professor Theodore Goldfarb, the institute will focus on the role of moral issues such as honesty in obtaining and reporting scientific data, social responsibility, the pressure of competition, personal values, the influence of funding on scientific studies, and the difference between fraud and self-deception. Specific attention will be given to recent explosive developments in biotechnology.

Thirty teachers, applying in teams of two from the same school or district, will be invited to participate. Follow-up sessions will be held during the fall and spring.

The institute will be coordinated by Stony Brook's Center for Science, Mathematics and Technology Education. For further details or an application, call the center at 632-7075.

Kickoff for Training On June 7

Mark your calendars: The Fourth Annual Training Kick-off Day will be Tuesday, June 7, in the Galleria on Level 3 of the Health Sciences Center.

Don't know where that is? Walking guides and buses will be available for faculty and staff from West Campus.

This year's theme is: "A Better You, A Better University!"

At the Kickoff, there will be a welcoming ceremony, the presentation of awards, demonstrations and information booths. Further training workshops and programs will be scheduled throughout the summer. A special Training issue of *Currents* will be available with details.

Nutrition and the 'Vitamin Bandwagon'

Registered dietician Elissa Feldman will present a free public lecture on nutrition, vitamins and safe weight reduction on Thursday, May 12, at noon in Lecture Hall 5, Level 3 of the Health Sciences Center.

Ms. Feldman is a nutrition specialist in the Department of Medicine's Division of Endocrinology at the Medical Center, as well as a certified diabetes educator. She will discuss the findings of long-term research on vitamin supplementation and disease prevention and sort through current information on diet and weight. For more information, call the University Medical Center Auxiliary at 444-2699.

Environmental Programs

In collaboration with the Stony Brook Community Fund, the Marine Sciences Research Center (MSRC) has created a series of programs dealing with Long Island's coastal environment.

The series will be offered at the Community Fund's Marine Conservation Center in the wetlands of West Meadow Creek. The MSRC and Community Fund are seeking \$150,000 in donations to rehabilitate the center, damaged during winter storms. Fund-raising efforts were kicked off with the 1994 Long Island Golden Eagle Award dinner honoring Extebank president Stephen Maroney on April 22.

The first program will be a series of marine ecology lectures for adults on Thursdays, 7:30-9 p.m. Admission is \$10 per lecture, \$35 for the series. Topics are:

May 5: "West Meadow Creek, the Jewel of Long Island's North Shore," Dr. Erwin Ernst, curator emeritus, New York Aquarium for Marine Conservation, and trustee, Stony Brook Community Fund.

May 19: "Life and Death of a Salt Marsh," Dr. Jeffrey Levinton, professor of ecology and evolution.

May 26: "Glacier History of Long Island," a photographic exploration by New York State Assemblyman Steven Englebright.

June 16: "Coastal Erosion and Erosion Control: North Shore vs. South Shore," Jay Tanski, New York Sea Grant Extension Program, Cornell University/SUNY.

For information, call the Stony Brook Community Fund weekdays from 9 a.m. to 5 p.m., 751-2244.

Cold-War Conference

Faculty members join a lineup of experts for a conference on the Cold War on Thursday, May 26, 8:45 a.m. to 2 p.m., at Smithtown High School. The conference, free and open to the public, is sponsored by Smithtown Central School District and Stony Brook's Center for Excellence and Innovation in Education.

Featured at the event will be

Robert Meeropol, son of Julius and Ethel Rosenberg, who were executed as atomic spies in 1953; Hon. Jack F. Matlock, Jr., former ambassador to the Soviet Union (1987-91); and Mary McAuliffe, deputy chief of the Central Intelligence Agency's history staff. Also speaking will be *Newsday* editors Anthony Marro and James Klurfeld, former congressman John LeBoutillier, News 12 anchor Bill Zimmerman and others.

Stony Brook speakers are Helmut Norpoth, Howard Scarrow and Jeffrey Segal (Political Science), Michael Zweig (Economics), Thomas Conoscenti (Center for Regional Policy Studies), Krin Gabbard (Comparative Literature), James McKenna (International Programs) and Les Paldy (Technology and Society). Dr. Paldy served with the Department of State on nuclear disarmament negotiations.

Panels will cover the Cold War and its effects on the presidency, domestic politics, civil liberties, popular culture, economy and the evolution of the CIA. A debate will examine the policies of the Reagan era that brought about the downfall of communism.

Organized by Smithtown High School's History Department, this is the fifth in a series of conferences that give students a hands-on opportunity to research important current events. For information, call Smithtown Central School District at 361-2400.

Math Alert

SUNY is offering high schools a free 45-minute, noncompetitive mathematics test aimed at giving juniors a realistic evaluation of their preparation for college. The goal of the "Math Alert Program" (MAP) is to motivate students who might bypass math as high school seniors to take another look at the benefits of one more year of math.

As many as 75,000 New York high school juniors are expected to participate in the program this year, SUNY estimates. It is modeled on Ohio's Early Mathematics Placement Testing Program, now in its tenth year.

Stressed Out?

Researchers in the Medical School are seeking individuals with stressful jobs and/or stressful marriages to participate in a study on coping with daily stress. Participants will be paid for their time. For further information, call the Stress and Coping Project at 632-8832.

CURRENTS

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The University at Stony Brook is an affirmative action/equal opportunity educator and employer. This publication is available in alternative format on request.

Lunchtime Shuttle Service to Three Village Shopping

Two vans providing round-trip lunchtime shuttle service from the university to key locations in the Three Village area and the Stony Brook Long Island Rail Road station began May 2.

The service will be free for the first three months. Starting August 1, a one-way fare will cost 50 cents, and university bus passes will be accepted.

The vans, holding 15 passengers each, will make the round-trip Monday through Friday, every 20 minutes, from 10:30 a.m. to 2 p.m. The route will start at Kelly Quad, proceed to the Stony Brook Union, Administration Building, Life Sciences tunnel (South Loop Road), South Campus, Chapin Apartments and University Medical Center. It will then go off campus to Setauket Plaza, Railroad Commons, Stony Brook hamlet (Market Square, Three Village Inn, Harbor Crescent and post office), and the Long Island Rail Road station. The service will be expanded this fall with the addition of two 20-person buses.

Part of the university's efforts to reduce the volume of cars on the road, the shuttles will be funded by a \$72,691 "Long Island Region Improving Commuting" grant, a local program of the Federal Highway Administration through the New York State Department of Transportation (DOT).

The grant is the second DOT award given to the university's Department of Transportation and Parking Services, which must comply with changes to the federal Clean Air Act requiring employers of more than 100 people to reduce single-occupancy vehicle trips by 25 percent by 1996.

The first grant provided \$73,000 to implement a ride-sharing program. A proposal for an additional DOT grant under the Innovative Mobility Demonstration Program, submitted by the university and the LIRR, would institute a commuter bus to pick up passengers within a quarter mile of their homes in the university and Three Village communities.

Educators Gather to Discuss Undergraduate Education

Students, educators and administrators from the nation's top research institutions gathered to discuss the interrelationship of undergraduate education, university research, scholarship, and creative activities at the First Annual University at Stony Brook Forum on Undergraduate Education, May 2-3.

The program explored factors that encourage undergraduates to engage in research and creative activities or inhibit them from such undertakings. All sessions, which were held in the Alliance Room of the Frank Melville, Jr. Memorial Library, were videotaped and will be incorporated into a monograph.

J.R. Schubel, dean and director of Stony Brook's Marine Sciences Research Center and chair of the Undergraduate Initiative Project, organized the event. Speakers included Dr. Schubel; President John H. Marburger; Sandy Gregerman, director of undergraduate

research opportunities at the University of Michigan; Norma McGavern, director of undergraduate research programs at Massachusetts Institute of Technology; Ann Rotchford, coordinator of the Undergraduate Research and Creative Activities (URECA) Program at Stony Brook; and Bonnie Oh, assistant dean for undergraduate studies at the University of Maryland.

Students from several universities presented research projects, which ranged from "Computer-Based Instructional Modules" to "Race and Ethnicity in the Theatre."

Ronald Douglas, vice provost for undergraduate studies, chaired a discussion on "A Search for Important Characteristics of a Successful Program." Ernest McNealey, associate vice provost for undergraduate studies, and Lori Johnson, a professor at Hofstra University, hosted a panel on "Measures for Success."

Budget Shortfall Seen

Most university departments will see a budget cut in the coming fiscal year, according to President John H. Marburger's most recent statement on the 1994-95 budget.

Although the legislative leadership has agreed to a modest increase in SUNY's 1994-95 operating budget, Stony Brook confronts the reality of accumulated cuts and one-time fixes implemented during five years of budget reductions. The Priorities Committee, grappling with how best to deal with a projected shortfall of nearly \$3 million, proposed a "balanced approach" - a general reduction, combined with the funding of high-priority initiatives to enhance undergraduate education and address urgent safety and regulatory compliance issues.

Stony Brook's total state appropriation in 1994-95 is projected to be about \$170 million. If assigned across the board, a \$3 million reduction of this base would require all departments to absorb a cut of 2.27 percent.

Dr. Marburger said he would not impose an across-the-board cut. He accepts the committee's recommendation that certain areas be exempt, including Campus Libraries, Computing and Communications, Student Affairs, Maintenance and Operations, and the President's Office. The effect will be a 2.88 percent cut in all other areas. Due to unanticipated or underestimated expenses in the provost's area, the cut assigned there could be higher.

Dr. Marburger directed that the three-year Financial Plan be adjusted to show base increases for athletics each year beginning in 1995-96, and said he will implement the committee's recommendation for a \$10 increase in the student athletics fee. Increased to \$25 per semester, the fee will still be well below the SUNY cap.

The Health Sciences Center's plan to increase enrollments may have a budgetary impact, but Dr. Marburger said details will be deferred to "Phase 2" of the process.

New Horizons

A lifetime of memories provided George Burkoski, Jr. with the inspiration to write "Horizons," a poem he'll share with his classmates at commencement.

Mr. Burkoski, a senior majoring in mechanical engineering, was selected by a committee of faculty, students, and staff to deliver this year's student address.



"This poem expresses my feelings about my family and friends, and how Stony Brook has prepared me for the future," says Mr. Burkoski, who transferred here from SUNY Buffalo in the spring of 1991. "This is a tribute to all my friends in mechanical engineering who got me through some very difficult courses."

The poem is drawn from more than 100 pages of notes, reflections and ideas written down over the past several years. A 1990 graduate of Earl L. Vandermeulen High School, Mr. Burkoski plans to pursue a career in construction contracting, and continue writing poetry.

Excerpts from "Horizons"

*We came from here and everywhere,
Confused and driven, ignorant and wise,
Knowing and immature, young and old...*

*We've walked the paths together, roughed the
rains,
Admired the peace and quiet of the trees.
We've cheered at football games and crammed for
finals.*

*We've survived the food, and struggled through
Ridiculous schedules and impossible classes...*

*Stony Brook is no Utopia, but neither is this
broken world.*

*One which starves of hunger and cries in poverty.
One which searches for compassion and a touch
of humility.*

*One which sings individuality, yet thrives on unity.
And this world, the common bond we share,
Is what we've come to fix.*

And thus we will make our mark...

*We are today's warriors of wisdom,
Knights of knowledge who have slain the dragons
of ignorance*

*And together, valiantly, risen up to the demands of
a needing world.*

*We will teach her children, cure her sick,
Harvest her fields and feed her hungry.*

*We will harness her resources, clean her
environment and keep beautiful her nature.*

We will fix what has been broken.

For we have learned from her past.

*And now we must be her present, in order to
ensure her future.*

*The last bell has rung and the last exam has been
taken.*

*As always, the sun shines high above this peaceful
place called Stony Brook.*

*But now the quiet calm of this world many of us
will leave.*

*We move onward, remembering always the friends
we have made,*

The good, the bad, the love and the pain.

We must not take this place for granted.

It has taught us truth, love and courage.

*And helped us to get the most out of her minds,
And to always listen to our hearts.*

It has taught us life.

For passing that test, I congratulate you.

Good luck and happy blessings, Class of '94.

Recycling a Tree



Workers remove a tree from West Campus for replanting later near the railroad station.

Confronting Disability

By Jamie Martorana

Caroline Marsden remembers a book saying that what she experiences daily is like being blind with eyesight. It's like seeing words but not being able to connect them.

Ms. Marsden, a 21-year-old Stony Brook student, is dyslexic and dysgraphic but has learned to overcome these obstacles through hard work and perseverance. Dyslexia is a learning disability that is language based and hinders a person's reading and writing, while dysgraphia causes difficulty with the physical aspects of the writing process.

"People with learning disabilities are normally smart people, but they can't show it in the normal ways," says Ms. Marsden.

Ms. Marsden, a Babylon resident, transferred to Stony Brook from Cazenovia College in upstate New York, where she obtained an associate's degree in gerontological studies. A social sciences interdisciplinary major at Stony Brook with a minor in women's studies, she aspires to be a gerontological social worker.

Coming here from a small school like Cazenovia was hard, she says. "At Stony Brook, I'm still building a system to succeed." This entails finding readers, note takers and people to study with. Readers record the course text onto a tape, and note takers provide written copies of the class lecture notes.

"Disabled Student Services made the transition so much more possible. Whenever I have a problem academically or socially, they are there for me," says Ms. Marsden.

A learning disability does not imply impaired intelligence, despite popular belief. "Students with learning disabilities are no different from any other students in terms of potential, they just follow a different process," says Carol Dworkin, learning disabilities specialist in the Office of Disabled Student Services.

This is very true in Ms. Marsden's case. The only impediment she seems to face is lack of time. Besides being a student at Stony Brook, she is a care provider with Community Care Companions Inc. of Setauket and involved with several other activities.

According to Susan Jacquin, care coordinator for the organization, Ms. Marsden, "provides ongoing emotional support and friendship" to a couple of senior citizens who live in their own homes in the community and others at St. Johnland Nursing Home, Inc. in Kings Park. At the nursing home, she primarily helps people who have dementia to interact with each other, says Ms. Jacquin. Dementia is a cognitive loss that involves mental deterioration. Ms. Jacquin calls Ms. Marsden a "bright, peppy and caring person who has a natural rapport with older people."

She also has lobbied, in both Syracuse and



Caroline Marsden

Maxine Hicks

Washington, D.C., for elderly rights on behalf of the American Association of Retired People. "Right now I'm working on the Clinton health care plan to change some of the wording so that the benefits the elderly are receiving won't be taken away, while giving them the best system they could have," says Ms. Marsden.

A member of Students Towards An Accessible Campus and the Campus Crusade for Christ, she is a leader and advisor of a youth group at St. Peter's Episcopal Church in Bay Shore. "Last week we went roller skating and next week we're giving sandwiches to the poor," she says.

"Caroline's ability to be her own self-advocate and deal up front with the fact that she has a disability will do more towards her potential success than any other characteristic," says Mrs. Dworkin.

Ms. Marsden says her disability resembles learning a new language: The words are visible but are hard to read, and when she writes a word, she has difficulty associating the letters with what they signify. Her schooling-throughout the years has helped alleviate the problem.

She attributes her positive attitude to her family and to some of the teachers at West Babylon High School who taught her, "Nobody is going to fight for me but me," she says.

Ms. Marsden, an energetic woman born in Yorkshire, England, enjoys painting, traveling with her family in their motor home and scuba diving.

"Caroline has integrity, drive and determination. She's comfortable, she's accepted herself and now asserts herself," says Mrs. Dworkin.

Lending a Hand To Disabled Students

The Disabled Student Services office at Stony Brook offers a variety of services and programs that help make campus life better for disabled students. Some of these are:

- finding note takers, readers, tutors, interpreters and attendants
- lending equipment (e.g. wheelchairs, tape recorders, crutches)
- serving as a liaison to campus services, faculty, and federal and state agencies
- offering campus bus transport for disabled persons
- providing information to help make the campus more accessible
- aiding and sponsoring the student club, Students Towards an Accessible Campus
- providing a place for proctoring tests
- working with a specialist who advises students and serves as a liaison with the faculty
- counseling
- making the library more accessible through the Center for the Disabled, in the Reserve Room
- assisting with admissions and registration
- peer advising and support

Student Societies Make Their Mark

Engineering Students Win Citations

The Institute of Electrical and Electronic Engineers (IEEE) student chapter received the Outstanding Student Chapter Award from the IEEE Long Island Chapter for the second consecutive year. The Stony Brook chapter was cited for efforts in conducting a successful Student-Professional Awareness Conference at the university in February during National Engineers Week. The conference included sessions on career paths, ethics, entrepreneurial opportunities, graduate school, professional licensing, and IEEE membership.

John Jacob, a senior majoring in electrical engineering and applied mathematics and statistics, is president of the Stony Brook chapter for the 1993-1994 academic year. Other officers include

vice president Jessica Lee, treasurer Jeffrey Benis, and secretary Mark Orlassino.

IEEE is the world's largest technical professional society. Founded in 1884, it focuses on advancing the theory and practice of electrical, electronics, and computer engineering and computer science. To realize these objectives, the IEEE sponsors more than 750 student chapters nationwide, as well as scholarships and awareness programs, technical conferences, symposia and local meetings.

Journalism Conference

The student chapter of Society of Professional Journalists (SPJ), in conjunction with the local professional SPJ chapter, played a major role at the

organization's regional convention held at Danford's Inn and on campus the weekend of April 15-17. In addition to the hundreds of professionals who were there, more than 100 students attended from universities from Maine to Pennsylvania.

At the convention, Tom Flanagan and Jamie Martorana, juniors, and Dan Cohen and Zhaleh M. Pour, seniors, were among the roving reporters for the SPJ newsletter and hosts for the visiting student journalists.

"I think this has been a great opportunity to share ideas, insights and experience with SPJ students from other universities, and I think we put in a lot of hard work so that the other students would not only learn a lot, but also have a good time," says Mr. Flanagan, vice president of the student chapter.

Mathematics Professor Elected to Royal Society

Dusa McDuff, professor of mathematics at Stony Brook, has been elected to the Royal Society of London. Dr. McDuff was one of 40 scientists – and the only woman – elected to the prestigious organization this year. In fact, she is only the second woman mathematician ever elected to the society; the first was Dame Mary Cartwright, 40 years ago.

The British magazine, *New Scientist*, used Dr. McDuff's election as an opportunity to urge the Royal Society to "get moving" and elect more women. "Regrettably," noted an editorial, "the truth is that the Royal Society is a gentlemen's club, most of whose members cannot be bothered to find women scientists suitable for election."

Dr. McDuff has been a Stony Brook faculty member since 1978, and served as chair of the Department of Mathematics from 1991-93. During those years, she coordinated the revision of the university's undergraduate calculus curriculum with faculty from the Departments of Mathematics and Applied Mathematics and Statistics. She currently teaches a freshman calculus course.

Dr. McDuff's research specializes in symplectic geometry. She is active in Project WISE (Women In Science and Engineering), a National Science Foundation-supported program created to encourage and retain female freshmen interested in pursuing careers in science, math or engineering.

The Royal Society, chartered in 1662 by King Charles II of England, elects Fellows to its ranks each year. Currently, 1,124 scientists are Fellows; there are 105 "foreign members" from outside Britain and the Commonwealth countries.

– Sue Risoli



Dusa McDuff, recently elected to the Royal Society.

Major NASA Grant

Michael Dudley, associate professor and chair of the Department of Materials Science and Engineering, has received a two-year \$100,000 grant from the National Aeronautics and Space Administration (NASA) to study "Use of Synchrotron White Beam X-Ray Topography for the Characterization of the Microstructural Development of Crystals: Normal Gravity Versus Microgravity."

Sponsored by NASA's Office of Life and Microgravity Sciences and Applications, the grant encourages researchers to conduct ground-based scientific investigations that may lead to the improvement of production methods and materials. Grant recipients may use NASA's microgravity research facilities.

Dr. Dudley's project was selected from among 217 proposals. Only 25 other material science proposals were accepted.

A member of the College of Engineering and Applied Sciences faculty since 1984, Dr. Dudley is also director of the Stony Brook Synchrotron Topography Station at Brookhaven National Laboratory.

International Workshop Speaker

Q. Jeffrey Ge, assistant professor of mechanical engineering, will speak at the First International Workshop on Computational Geometry in Kinematics to be held Ljubljana, Slovenia, this June. Dr. Ge will present "An Inverse Design Algorithm for a G2 Interpolating Spline Motion," discussing how second order geometric continuity (or G2) spline motion can be used to fulfill the task of motion interpolation; his findings can be applied to computer graphics, mechanical system animation, and Cartesian trajectory generation for robot manipulators. The conference, sponsored by the International Federation for the Theory of Machines and Mechanisms, will bring together researchers from the fields of computer-aided geometry design and kinematics to discuss issues in computer-aided design, manufacture and inspection.

Optimizing Parallel Computers

Dali Tao and Bradley Carlson, assistant professors of electrical engineering, have received a grant from Grumman Corporation for their study, "Optimal Granularity Levels for Multiprocessor Systems Running Digital Signal Process Applications." They will work with Grumman engineers to determine the optimal way to break down a complex program into many smaller-sized programs of signal processing tasks under varying conditions. The goal is to make multiprocessor systems, aka parallel computers, more efficient.

Groundwater Pollutants

A Stony Brook supercomputer is giving scientists the ability to simulate the spread of groundwater contaminants, even in the most complex geological formations.

The potable water supply for half of all Americans, groundwater is increasingly threatened by chemical and radioactive pollutants. To address the problem, a team of researchers led by James Glimm, professor of Applied Mathematics and Statistics, is developing numerical models that, when calculated on Stony Brook's high-speed parallel supercomputer, are transformed into an "environmental movie" simulating the likely flow of contaminants through underground formations. High-speed data links established with AT&T and Cablevision enable the researchers to transmit the images in real-time to other scientists at remote sites.

A Toothy Find

A team led by David Krause, professor of anatomy, has found the tooth of a mammal that lived in Madagascar 80 million years. Until this find, late Cretaceous mammals from the southern hemisphere had been found only in South America and the Indian subcontinent.

A referee for the British journal, *Nature*, which published the paper, noted that "the origins of the modern mammal fauna of Madagascar have long been shrouded in mystery" and the finding "could alter considerably our ideas of mammal evolution." Professor Krause worked on the project with colleagues at four other institutions.

Swordtail Evolution Theory Challenged

A Stony Brook researcher has challenged the traditional explanation for the evolution of ornamental "swords" on the tails of some fishes.

Axel Meyer and co-authors of a paper published last month in *Nature* say that fish of the genus *Xiphophorus* (among these are the popular swordfish and platyfish found in pet stores) evolved from an ancestor with a long, sword-like tail fin. Along the way, they theorize, *Xiphophorus* lost their swords then regained them. They support their hypothesis with data obtained through gene sequencing.

Dr. Meyer's scenario contradicts the previously held view that these fishes started out swordless but later

evolved long tails because females preferred to mate with males with exaggerated secondary sexual characteristics. The basis for this theory was Darwin's belief that sexual selection – a pre-existing female bias for certain ornamental traits – drove the evolution of exaggerated male characteristics.

The traditional *Xiphophorus* family tree shows *Xiphophorus* evolving from swordless fish to short tailed, and eventually to long-tailed, a process driven by sexual selection. Dr. Meyer and colleagues debunk this notion with molecular evidence that even ancestral *Xiphophorus* had long tails.

– Sue Risoli

Symposium on Learning and Memory Launches Neuroscience Research Center

Sixteen of the country's leading experts on learning and memory – one of the most rapidly developing areas of modern neuroscience – will present their latest findings at a seminar, "The Neurobiology of Learning and Memory: Where We Are and Where We Should be Going," Monday, May 23, and Tuesday, May 24, 9 a.m. - 6 p.m., at Stony Brook.

The seminar will mark the opening of the Center for Behavioral Neuroscience, established to conduct multidisciplinary research in the field of memory and learning. The center, now located in Psychology A, is headed by Dr. David G. Amaral, formerly of the Salk Institute.

Seminar topics and speakers are:

Memory Systems. Newly found systems in the brain responsible for different kinds of memory. Speakers: Larry Squire, University of California, San Diego; Mortimer Mishkin, National Institutes of Mental Health; Stephen Lisberger, University of California, San Francisco; and Joseph LeDoux, New York University.

Cellular and Molecular Substrates of Learning and Memory. The neurobiology of memory storage.

Speakers: Eric Kandel, M.D., Columbia University; Roger Nicoll, M.D., University of California, San Francisco; Richard Morris, University of Edinburgh; and Thomas Brown, Yale University.

Aging and Memory. Alzheimer's disease and other age-related dysfunctions. Speakers: Carol Barnes, University of Arizona; Donald Price, M.D., Johns Hopkins University; Dmitry Goldgaber, University at Stony Brook; and Daniel Schacter, Harvard University.

Indices of Cortical Plasticity. How life experience – as opposed to pathologies – affects the structure and functional organization of the brain. Speakers: Nancy Desmond, University of Virginia; Bruce McEwen, Rockefeller University; Michael Merzenich, University of California, San Francisco; and William Greenough, University of Illinois, Urbana.

Tickets to the seminar, \$50 each (\$35 for students, postdoctoral fellows and residents), are available from the Center for Behavioral Neuroscience, 632-9486.

– Carole Volkman

What's Up?

EXHIBITS

Through May 12: Juried Senior Art Show. Tuesday-Friday, noon-4 p.m.; Saturday, 6-8 p.m. University Art Gallery, Staller Center for the Arts. Call 632-7240.

Through May 20: Student Art Exhibition. Sally Kuzma. 11 a.m.-4 p.m. Frank Melville, Jr. Memorial Library Gallery.

June: "Bach's World" Exhibit. Documents Bach's artistic, intellectual, religious and social milieu. Monday-Friday: noon-4 p.m. Stony Brook Union Art Gallery, 2nd Floor.

FILMS

May 6-8: C.O.C.A. Film, *Philadelphia*. Friday/Saturday: 7 p.m., 9:30 p.m. & midnight; Sunday: 7 p.m. & 9:30 p.m. Room 100, Javits Lecture Center. \$3; \$2/SB ID. Call 632-6472.

MUSIC

May 7: Stony Brook Camerata Singers. 8 p.m. Recital Hall, Staller Center for the Arts. \$6; \$4/students and seniors. Call 632-7230.

SPECIAL EVENTS

May 10: Frontiers of Medicine Seminar/Concert with The Guild Trio, "The World Imagined." 3-6 p.m.; reception follows. Dr. Roald Hoffman, Nobel Laureate in Chemistry, and Barry Goldstein, composer and assistant professor, music. Metaphor in science, art and the creative process. Performance of Messaien's "Quartet for the End of Time." Lecture Hall 2, Level 2, Health Sciences Center. Open to all. Call 444-2891.

May 15: Thirty-fourth Annual Commencement. 11 a.m. Indoor Sports Complex.

May 23 & 24: Center for Behavioral Neuroscience Symposium, "The Neurobiology of Learning and Memory: Where We Are and Where We Should be Going." 9 a.m. -6 p.m. Sixteen of the country's leading experts on learning and memory. Open to the public. \$50; \$35/students, postdoctoral fellows and medical residents. For tickets, call 632-9480.

May 26: Cold War Conference. 8:45 a.m.-2 p.m. Lineup of nationally known experts and USB faculty. Sponsored by Smithtown Central School District and USB's Center for Excellence and Innovation in Education. Free. Smithtown High School, 100 Central Road, Smithtown, NY. Call 361-2400.

May 27 - 30: University Medical Center Auxiliary's Memorial Day Weekend Carnival. Games, rides, fireworks. South "P" Lot. Call 444-2699.

June 7: Annual Training Month Kick-off Celebration. 11 a.m.-2 p.m. HSC Galleria. Call 632-6300.

June 16: Stony Brook Child Care International Gourmet Coffee and Tea Tasting Benefit Gala. 5 p.m. Dessert buffet served. Thirty-three door prizes; \$20,000 first prize. Only 1,500 tickets to be sold; \$50. Any number may share ticket for prize; only two per ticket admitted to gala. For reservations, call 632-9495 or write to: Stony Brook Child Care Services, Inc., Cash Bonanza, P.O. Box 1332, Stony Brook, NY 11790-2244.

LECTURES

May 6: Astronomy Open Night, "Supernovae

and Neutron Stars," James Lattimer, professor, earth & space sciences. Telescope viewing follows. 7:30 p.m. Lecture Room 001, Earth & Space Sciences. Call 632-8200.

May 10: Physiology and Biophysics Seminar, "Structure and Function of a Phospholipase that Degrades GPI Membrane Protein Anchors," Dr. Martin G. Low, Columbia University. Noon. Room 140, T-5, Basic Health Science Tower. Call 444-3036.

May 11: University Gallery Lecture Series. Graduate student panel discussion. 1 p.m. University Art Gallery, Staller Center for the Arts. Call 632-7240.

May 11: Biophysics Seminar, "3-D Structure of Acetylcholinesterase and Complexes of it with Anticholinesterase Agents," Dr. Joel Sussman, Brookhaven National Laboratory. 4 p.m. Room 140, Level 5T, Basic Health Science Tower. Call 444-2287.

May 11: Poetry Center Reading. A.R. Ammons, author (*Garbage*). 8 p.m.; book signing, 7:15 p.m. Recital Hall, Staller Center for the Arts. Call 632-7400.

May 12: University Medical Center Auxiliary Lecture, "Nutrition, the Vitamin Bandwagon and Safe Weight Reduction," Elissa Feldman, instructional support technician, dietary services. Noon. Lecture Hall 5, Level 3, Health Sciences Center. Call 444-2699.

May 12: Poetry Center Reading. William Gaddis, author (*A Frolic of His Own*). 4 p.m.; book signing, 3:15 p.m. Room 207, Javits Lecture Center. Call 632-7400.

May 13: Physiology and Biophysics Seminar, "The Marcks Family of Protein Kinase C Substrates: Versatile Regulators of Cytoskeleton-Membrane Interactions," Dr. Alan Aderem, Rockefeller University, NY. Noon. Room 140, T-5, Basic Health Science Tower. Call 444-3036.

May 16: New York State & Local Employees' Retirement System, One Day Pre-retirement Seminar. Javits Lecture Center. For time and registration, call 632-6137 or 632-6150.

May 18: Physiology and Biophysics Seminar, "Receptors, G Proteins and Ion Channels," Dr. David Clapham, Mayo Foundation, Rochester, MN. Noon. Room 140, T-5, Basic Health Science Tower. Call 444-3036.

May 19: MSRC/Stony Brook Community Fund Lecture Series, "Life and Death of a Salt Marsh," Dr. Jeffrey Levinton, professor, ecology & evolution. 7:30-9 p.m. Marine Conservation Center, West Meadow Creek. \$10; \$35/series. Call the Stony Brook Community Fund, 751-2244.

May 26: MSRC/Stony Brook Community Fund Lecture Series, "Glacier History of Long Island," New York State Assemblyman Steven Englebright. 7:30-9 p.m. Marine Conservation Center, West Meadow Creek. \$10; \$35/series. Call the Stony Brook Community Fund, 751-2244.

May 31: Sir Run Run Distinguished Lecture, "Topology and Quantum Theory," Sir Michael Atiyah, Trinity College, Cambridge, England. 11 a.m.; Tea: 10:30 a.m. Room S-240, Mathematics. Call 632-7979.

June 16: MSRC/Stony Brook Community Fund Lecture Series, "Coastal Erosion and Erosion Control: North Shore vs. South Shore," Jay Tanski, New York Sea Grant

Extension Program, Cornell University/SUNY. 7:30-9 p.m. Marine Conservation Center, West Meadow Creek. \$10; \$35/series. Call the Stony Brook Community Fund, 751-2244.

EVENTS & ACTIVITIES

May 6: Last day of classes; last day to withdraw from the University (CED/GSP students must have CED approval); last day for graduate students to submit theses and dissertations to Graduate School for May graduation.

May 6: Non-instructional Figure Drawing Workshop. Live model. 7:30-9:30 p.m. Union Crafts Center, Stony Brook Union. \$5; pay at door. Call 632-6822.

May 7: Employee Activities Council Trip: Ellis Island, Statue of Liberty and Little Italy. 7:30 a.m., Administration; return by 6:30 p.m. \$28 includes bus. Call 632-6136.

May 8: Lacrosse vs. North Carolina. 1:30 p.m. Athletic Field.

May 9: Final exams (through May 13).

May 11 & 25; June 8 & 22: Sibling Preparation Program. For expectant parents and siblings. 4-5 p.m. 9th Floor Conference Room, University Hospital. Call 444-2960.

May 15: Plant Sale. 10 a.m.-4 p.m. Lobby, Stony Brook Union. Call 632-6823.

May 20: Last day for departments to submit Completion Statements for May master's and doctoral degree candidates.

June 3 - 5: Math Reunion. Alliance Room, Melville Library. Call 632-6320.

June 5 - 8: Association for Computing Machinery Symposium on Computational Geometry. 9 a.m.-5 p.m. Stony Brook Union. Call 632-6320.

June 5 - August 12: Earth & Space Sciences High Pressure Institute. ESS. For further information, call 632-6320.

ONGOING

Every Sunday:

Non-instructional Life Painting. 9:30 a.m.-12:30 p.m. Room 4218, Staller Center for the Arts. \$2/students; \$6/non-students. No preregistration necessary. Call 632-7270, or Arthur Kleinfelder, 474-1887.

Stony Brook Fencing Club. 2-4 p.m. Main arena, Indoor Sports Complex. Call Leon Moy at 588-3956.

Stony Brook Fencing Club Youth Clinic (June 4-July 26). 2-4 p.m. Main Arena, Indoor Sports Complex. Call Leon Moy at 588-3956.

Prepared Childbirth Courses. 3:30-5:30 p.m. Preregistration required. University Hospital. Call 444-2729.

Every Monday & Tuesday: Prepared Childbirth Courses. 7:30-9:30 p.m. (varies). Preregistration required. University Hospital. Call 444-2729.

Every Monday, Tuesday, Wednesday and Friday: Catholic Mass. Noon. Level 5, Chapel, Health Sciences Center. Call 444-2836.

Every Tuesday: Stony Brook Fencing Club.

9:30 -11 p.m. Main arena, Indoor Sports Complex. Call Leon Moy at 588-3956.

First Tuesday:

"Look Good, Feel Better Program," for women undergoing cancer treatment. 1-3 p.m. 15th Floor, North Conference Room, University Hospital. Free parking; validate at meeting. Call 444-2880.

The Live Wires. For patients implanted with automatic defibrillators. 2 p.m. St. John's Lutheran Church, Holbrook. Call William Kilkenny at 277-3745.

Every Wednesday:

Diabetes Support Group. 2:30 p.m. Conference Room 084, 12th Floor, University Hospital. Call 444-1202.

Returning Students Club. Aged 25 & over. 7 p.m. Graduate Student Lounge, Roosevelt Quad. Call 632-4142.

First Wednesday: Cystic Fibrosis Support Group. 7:30 p.m. Department of Pediatrics Conference Room, Level T-11, Health Sciences Center. Call 757-5873 or 385-4254.

Every Thursday:

Hospital Chaplaincy Interfaith Prayer Service. Noon, Level 5, Chapel, Health Sciences Center. Call 444-2836.

Every Thursday: Cancer Support Group for Patients, Family and Friends. 4-5:30 p.m. Level 5, University Hospital, Physical Therapy Department. Free parking; validate at meeting. Call 444-1727.

Every Friday: Stony Brook Fencing Club, 8-10 p.m. Main Arena, Indoor Sports Complex. Call Leon Moy at 588-3956.

Every Saturday:

B'nai B'rith Hillel Foundation Orthodox Service. 9:30 a.m. Roth Quad Dining Hall, lower level; services followed by Kiddush. Call 632-6565.

Non-instructional Life Drawing. 9:30 a.m.-12:30 p.m. Room 4218, Staller Center for the Arts. \$2/students; \$6/non-students; \$30/six sessions. No preregistration necessary. Call 632-7270, or Arthur Kleinfelder, 474-1887.



HUMAN RESOURCES BENEFITS OUTREACH PROGRAM

For further information, call 632-6150.

May 11: For C.P.M.P. 11 a.m.-1 p.m. Room 053, Level 5, Health Sciences.

May 25: For Marine Sciences Research Center. Noon-2 p.m. Room 113, Endeavour Hall.

May 26: For the School of Medicine. 8-10 a.m. and 1-3 p.m. Dean of Medicine Conference Room, Level 4, Health Sciences Center.

THE MONTH AT A GLANCE

EDITED BY JOYCE MASTERSON (632-6084) • FOR DAILY UPDATES, CALL THE SBNEWSLINE (632-NEWS)

June 8: For Office of Research Services. Noon-2 p.m. W5510 Melville Library, Room 18.

June 22: For the School of Dental Medicine. Noon-2 p.m. Learning Center.

SUMMER SESSION

May 6: Last day to apply for summer housing (Office of Campus Residences).

May 16: Summer registration hours. Monday-Friday, 9 a.m.-3 p.m.; Tuesday, 9 a.m.-6 p.m.

May 20: Last day to register for Term I summer classes without paying late fee.

May 23: Term I Summer Session classes begin. Late registration begins (\$30 late fee).

May 25: Senior Citizen Auditor registration. 10 a.m.-2 p.m. Room N-244, Ward Melville Social & Behavioral Sciences.

May 27: Term I late registration ends. Last day to add a course. Last day to drop a course without a W being recorded.

May 30: Memorial Day. No classes or registration.

June 17: Last day to withdraw from one or all Term I courses. Last day for undergraduate students to change Term I courses to or from Pass/No Credit.

CONTINUING EDUCATION

For fees and registration, call 632-7071.

May 7: Module III: Advanced WordPerfect for Windows - Grammatik, footnotes, paragraph numbering, table of contents, document compare. 9 a.m.-noon (2nd session: May 14). Ward Melville Social & Behavioral Sciences. \$105.

May 11: Intercultural Communication: Diversity in the Workplace. 9 a.m.-noon.

June 4: Module IV: Advanced WordPerfect for Windows - Desktop Publishing. 9 a.m.-noon. (2nd session: June 11). Ward Melville Social & Behavioral Sciences. \$105.

BACH ARIA FESTIVAL

Staller Center for the Arts (unless otherwise noted). For tickets and information, call 632-7239 or 632-7230.

June 15, 18 & 25: Concert. 8:30 p.m. Free preconcert panel discussion. \$20/single; \$45/subscription; half price for students & senior discounts.

June 19 & 24: Recital by Artist-Fellows of the Institute. June 19: 2:30 p.m.; June 24: 8:30 p.m. \$10.

June 22: Concert. 8 p.m. St. John the Divine in New York City. \$10 suggested donation.

June 23: Young People's Concert. 7 p.m. Features Christine Ahn, 7-year-old violinist, and the Eroica Youth Symphony. \$7.

June 26: Concert. 2 p.m. & 5 p.m.; panel discussion, 3:15 p.m. Chelsea Center, East Norwich. \$22/reserved seating; \$15/lawn seating; \$5/children under 12.

Bach to Basics: J.S. Bach and his World



Members of the Bach Aria Group, along with artist-fellows of the Institute, will present concerts on and off campus during the final two weeks of June. See the calendar for details or call 632-7239.

Looking Ahead...

Crafts Center Summer Classes

Summer courses at the Stony Brook Union Crafts Center begin the week of June 13, with classes in ceramics and kayaking. The season's offerings include photography, weaving, wine appreciation, scuba, yoga, bartending, knitting, clay, self defense and children's art workshops.

Children's workshops will feature four-week sessions, 10 a.m. to noon, beginning Tuesday, July 5. Mixed Media will focus on painting, drawing, collage and printing, for ages 5-7. The \$55 fee includes materials. For ages 7-10, the Crafts Center offers Clay Workshop (handbuilding, sculpture, glazing and firing), and Arts Workshop (drawing, painting, papermaking, paper casting). Each costs \$60, including all materials.

Most Crafts Center courses meet in the evening. In addition, individuals may sign up to work on their own in the center's ceramics, weaving or photography facilities. Memberships and courses are open to the campus and the community.

For registration and information, call 632-6822.

International Gourmet Coffee and Tea Fundraiser

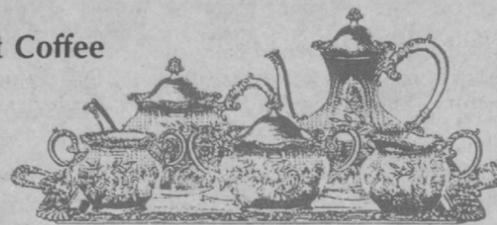
To benefit Stony Brook Child Care, an international gourmet coffee and tea tasting gala will be held on Thursday, June 16, in the atrium of the Indoor Sports Complex beginning at 6 p.m. To accompany the beverages, a dessert buffet will be served.

Tickets, at \$50 per couple, entitle the purchaser to compete for 33 cash door prizes, including a first prize of \$20,000. Only 1,500 tickets will be sold.

For reservations, call 632-9495 or 632-KIDS.

CED Has Answers to Career Questions

Changing careers? Looking to broaden your expertise? The School of Continuing Education has developed a series of degrees, advanced graduate certificates and programs which meet state and regional accrediting mandates for licenses within given fields. Staff members may take advantage of the State and



UUP tuition waiver policy to matriculate into CED programs or register for personal enrichment courses.

Part- and full-time study can be pursued in the following programs: Master of Arts in Teaching (M.A.T.) in English, Foreign Languages, Sciences and Social Studies; Master of Professional Studies (M.P.S.) in Public Affairs, Waste Management, and Labor Management Studies. In addition, students can create their own major fields of study through the Master of Arts in Liberal Studies (MALS).

Proposals are under consideration in Albany for certificate programs in School Administration and Supervision and for School District Administration. Both these are expected to be approved in time for fall semester, 1994.

For further information or to speak to a counselor, call 632-7050.

EVENTS

EDITED BY GILA REINSTEIN (632-9116)

Bach's World

Coming to Stony Brook



The Bach Aria Festival and Institute returns for its fourteenth season to the Staller Center for the Arts, June 13-26, with a series of six concerts, pre-concert panel discussions and a gallery exhibit.

"Bach's World" is the theme for this year's festival, which will focus on the composer's years in Leipzig, where he held his last (and longest) appointment. The festival will feature a rich and varied selection of vocal and instrumental music performed by the Bach Aria Group and artist-fellows of the institute.

Program highlights include J.S. Bach's Peasant Cantata, the Orchestral Suite in B minor for flute and strings, the Coffee Cantata, Brandenburg Concerto No. 3, Cantata 156, and the breathtakingly beautiful final chorus of the "Trauer Ode."

Festival concerts by veteran members of the Bach Aria Group will be held at 8:30 p.m. on Wednesday, June 15; Saturday, June 18; and Saturday, June 25. Each performance will be preceded by a free panel discussion touching on themes of the evening's concert. Single tickets, \$20; subscriptions, \$45 (half price for students; senior discount).

Purchase of a subscription (or single ticket) for festival concerts on or before June 3 includes a complementary subscription (or ticket) for one young person under the age of 18.

In addition to the concerts, recitals by artist-fellows of the Institute will be held Sunday, June 19, at 2:30 p.m. and Friday, June 24, at 8:30 p.m.

Artist-fellows are young professional musicians from across the U.S., Canada and Europe. Tickets, \$10.

A "Young People's Concert" is set for Thursday, June 23, at 7 pm.

Christine Ahn, a gifted 7-year-old violinist, and the Eroica Youth Symphony, conducted by Gary Hodges, will perform Vivaldi's Violin Concerto in A minor. Tickets, \$7.

Panel Discussions

Funded by a grant from the National Endowment for the Humanities, pre-concert

panel discussions bring together distinguished musicologists and historians from the U.S., Germany and England to take part in public conversations moderated by well-known personalities from radio stations WSHU-Fairfield, WUSB-Stony Brook, WNYC-NY and WKCR-Columbia University. "Bach's World" panel discussions will explore:

- Bach's adaptation of folk and popular tunes in his own compositions.
- Bach's collaborations with different librettists, each with a distinctly different outlook on theme and style.
- Bach's religious thought and its relationship to his life – was he an unself-conscious, pious Lutheran or a consummate craftsman?
- Daily life in Leipzig during Bach's time, called "Little Paris," by Goethe. Bach's place in that community as composer and citizen: civic treasure or thorn in the side?

Art Gallery

An exhibition echoing themes of "Bach's World" will hang in the Union Art Gallery during the month of June. The exhibit will document Bach's artistic, intellectual, religious and social milieu. Included will be reproductions of secular and sacred art works of the period, engravings depicting the city of Leipzig and its environs, and facsimiles of title pages from literary works produced in the city during Bach's appointment there.

And Don't Forget...

Daily master classes and coaching sessions of the institute are open and free to the public. Call 632-7239 for details.

Additional concerts take place at the Cathedral of St. John the Divine in New York City on Wednesday, June 22, 8 pm (\$10 suggested donation); and at Chelsea Center, East Norwich, on Sunday, June 26 (concerts at 2 p.m. and 5 p.m.; panel discussion at 3:15 p.m. Tickets \$22, reserved seating; \$15, lawn seating; children under 12, \$5.)

To order tickets, call the Staller Center Box Office at 632-7230. For further information on the festival, call Carol Baron at 632-7239.

Guest Artist to Perform with Jazz Ensemble

The Stony Brook Jazz Ensemble, under the direction of Stephen Salerno, will present a concert on Thursday, May 5, at 8 p.m. in the Recital Hall of the Staller Center for the Arts. This concert was originally scheduled for Friday, May 6.

Guest artist John Abercrombie, noted jazz guitarist, will perform with the ensemble, thanks to funding from the Staller Center's Friends of the Arts.

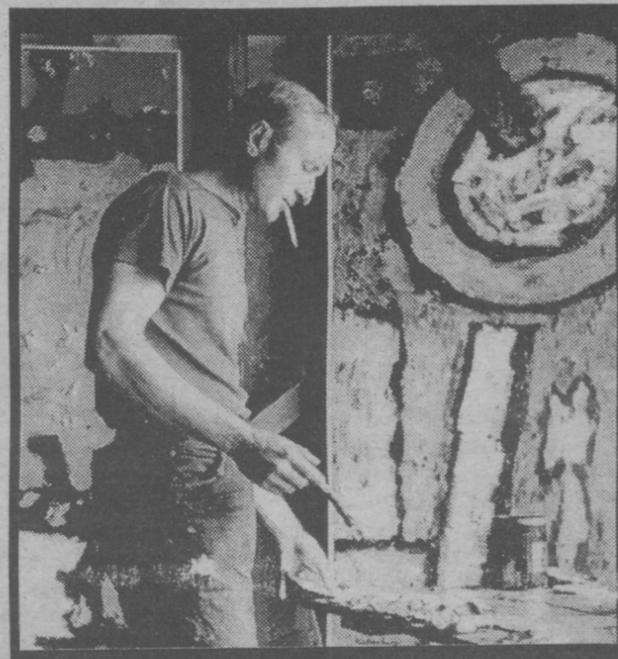
Mr. Abercrombie is recognized as one of the most innovative guitarists of our time. He was a core member of Billy Cobham's "Dreams" band, widely considered to be the progenitor of all jazz/fusion groups. He has performed and recorded with "Gateway" (Dave Holland), "New Directions" (Jack DeJohnette) and with Ralph Towner, Kenny Wheeler, Dave Liebman, and many others. An

ECM recording artist, his most recent releases are "A Matter of Time" and "November."

The concert will feature Mr. Abercrombie's "A Matter of Time" and "Ralph's Piano Waltz" as well as Duke Ellington's "Heaven," Dave Holland's "Nexus," Kenny Wheeler's "Mark Time," John Coltrane's "Syedda's Song Flute," Wayne Shorter's "Yes and No," and Weisman and Garrett's "The Night Has A Thousand Eyes."

A six-member a cappella choir will perform the New York Voices' version of "Silence of Time." Several compositions by ensemble members will also be featured.

The concert is free and open to the public. For more information, call the Music Department at 632-7330.



Robert Richtenburg in his Cape Cod studio, 1952.

Abstract Expressionist Art Goes On View

Paintings, drawings and collages by abstract expressionist Robert Richtenburg will be exhibited at the University Art Gallery in the Staller Center from Friday, June 17-Saturday, July 30. A reception will be held on Saturday, June 25, 7-8:30 p.m.

The show is the first major traveling exhibit of Richtenburg's work, which was widely acclaimed in the 1950s and 60s. Organized by art historian Bonnie Grad for the Billy Rose Art Museum of Brandeis University, it includes monumental, energetic works and smaller-scale pieces completed between 1951-67. A concurrent exhibit will be held at the Pollock-Krasner House and Study Center in East Hampton.

Mr. Richtenburg, described by art critic Irving Sandler in 1961 as "one of the most forceful painters of the New York art scene," was associated with Jackson Pollock, Willem de Kooning, Franz Kline, Adolph Gottlieb and others. His art has been shown at the Museum of Modern Art, the Solomon R. Guggenheim Museum, and the Whitney Museum of American Art, and is in the permanent collections of these and other museums.

In 1964, after 13 years on the faculty of the Pratt Institute, Mr. Richtenburg resigned in a dispute about academic freedom. He refused to silence a student's challenge to abstract expression, an act of integrity that cost him the momentum of his career and, eventually, his ties to the New York City art world. He moved to Ithaca to teach at Cornell University, and stopped exhibiting his work from the New York years. Many of his most significant paintings have remained out of the public view from then to now. In Ithaca, he began working on a smaller, more personal scale, building on ideas from his large paintings and experimenting with new materials and techniques. Most notably, he created an exceptionally diverse series of works on paper which extend and enrich the directions of his previous paintings.

Gallery hours are noon to 4 p.m., Tuesday through Friday, and 5 - 8 p.m. on Saturday. The gallery will also be open for one hour prior to all Summer at Staller performances. For additional information, call (516) 632-7240.

"Senior Show" At the University Art Gallery

The annual exhibition by senior art majors will be on view in the University Art Gallery through Thursday, May 12.

The "Senior Show" is a juried exhibition that includes paintings, sculptures, ceramics, photographs and works on paper selected by faculty members of the Department of Art from among the best work of this year's graduating class.

UNIVERSITY AT STONY BROOK • SUNY • CURRENTS

A BETTER YOU, A BETTER UNIVERSITY!

Shared Vision, Shared Responsibility



By Marilyn Lawler, University Human Resources

This year's Training Month kickoff represents a dual celebration for me. On June 7, the campus community sets aside time to celebrate and display our continuing commitment to employee development, and I have the opportunity to celebrate my first anniversary as Manager of Training and Development.

My first year at Stony Brook has served to remind me of the reasons why I chose to dedicate my career to the development of people and the organizations in which they work. I believe in possibilities and potential; Stony Brook is fertile ground for both. Last year we asked the campus community to take up the "Training Challenge" and encourage participation in training and development activities. This year we take the challenge a step further by promoting personal responsibility and teamwork. By becoming "A Better You," you contribute to creating "A Better University."

The most important factor characterizing an excellent institution is the quality of its employees. Quality is favorably impacted by a commitment to the continuing education of each individual, in all types of positions and at all levels of skill. Training and development activities provide the opportunity for continuous learning to occur.

I've often been asked to describe the difference between training and development. The best way to describe the difference is to think of training as the tool and development as the process of using the tool. Training is an event or series of events providing technical information, building or enhancing specific skills, generating solutions to problems and/or initiating and adapting to change. Development occurs when each individual takes personal responsibility for his or her growth and engages in behavior that uses newly acquired insight and skill and/or reinforces and supports the efforts of others.

Training and development work hand in hand to have a positive influence on the work

Continued on back page

Nominations Sought for Training Awards

In conjunction with the celebration of training on campus, the Training Program Awards Committee will once again recognize outstanding departmental training programs. Last year, 21 departments were honored for excellent programs developed for employees within their own areas and from other areas as well.

Many departments do not have the need or the opportunity to create special training programs. However, managers who demonstrate leadership and creativity by actively supporting and encouraging participation in training and development deserve to be recognized, so the committee encouraged nominations for these individuals as well.

The awards presentation will be part of the Fourth Annual Training Kick-off Day Celebration.

1993 Internal Training Award Recipients

Awards: Office of Student Accounts, University Hospital Operating Room, Environmental Health and Safety, Residential Programs, Residential Operations, University Hospital Nursing.

Certificates of Merit: University Hospital Human Resources (2), University Human Resources, Financial Aid and Student Employment, University Counseling Center, Parking and Transportation, Accounting, Accounts Payable, Student Health Services, Public Safety, Purchasing and Stores, Environmental Health and Safety, University Hospital Nursing, University Hospital Pathology

Kickoff for Training on June 7 See inside for information about training courses and registration.

The Fourth Annual Training Kick-off Day is scheduled to take place on Tuesday, June 7, in the Galleria on Level 3 of the Health Sciences Center from 11 a.m. to 2 p.m.

This year's theme is, "A Better You, A Better University!"

Activities, exhibits, and demonstrations will be held before and after the welcoming ceremony, which includes the presentation of awards, a gift for all attendees and a drawing for two \$250 training scholarships.

Training workshops and programs will be scheduled throughout the summer.

Register in advance or in person at the kickoff celebration welcome tables.

Calendar of Events

Workshop locations will be given in the confirmation letters sent to all program participants. You may register for more than one course, except for the computer overviews. Please keep a record of the workshops you want to attend. Acceptances are issued on a first-come, first-served basis. Some programs have limited enrollment, so if you cannot attend the workshop you signed up for, call Susan Kratina at 632-6107 and give another employee the opportunity to take your place. Register for Crafts Center courses at the Stony Brook Union or call 632-6822.

Stress Management

Larry Hess, University Counseling Center
Wednesday, June 8, 12:30-1:30 p.m.
A presentation of basic relaxation techniques to use at home and on the job.

Starting and Maintaining a Fitness Program

Teri Tiso, Physical Education
Wednesday, June 8, 1-3:30 p.m.
An overview of basic principles for developing a personalized fitness program.

AA/EEO at Stony Brook

Phyllis Hughes, AA/EEO
Monday, June 13, noon-1:30 p.m.
An overview of the mission of the office on campus.

Connections for Managers and Administrators

Lynn Johnson, University Human Resources
Tuesday, June 14, 10 a.m.-noon
An overview of the skills and concepts presented in the Connections program for support staff, focusing on ways to develop a service-oriented workforce by modeling and reinforcing positive communication skills among support staff.

Purchasing 2000

Mike DeMartis, Kathy Yunger and Art Ammann, Purchasing and Stores
Tuesday, June 14, 10 a.m.-noon
Review of changes taking place in the Purchasing Office to prepare for the year 2000; for upper-level managers. Topics: current initiatives and strategies for the future, overview of State and Research electronic requisitioning, and report of progress in purchasing over the last decade.

Employee Assistance Program: Myths and Legends

Geraldine Taylor, EAP
Tuesday, June 14, 1:30-2:30 p.m.
Comprehensive overview of the services the EAP can provide to university employees and their families, including retirees.

The Evolution of Diversity at USB and the Challenge of the Future

Gary Matthews, AA/EEO
Monday, June 20, noon-1:30 p.m.
A review of the impact of diversity on campus.

Financial Resources for Retirement

Alan Entine, University Human Resources
Tuesday, June 21, 9 a.m.-noon
A review of the financial resources available to individuals and their families for retirement, including pension, social security, tax-deferred investment and other income sources. Strategies to maximize after-tax retirement income will be emphasized.

Campus Community Advocate (Ombudsman)

Florence Boroson, Campus Advocate
Wednesday, June 22, 10 a.m.-noon
Presentation of the kind of problems the advocate deals with and how individuals can benefit from the service. Time will be reserved for private discussion of individual problems.

Immigration, Taxes and Liabilities

Lynn King-Morris, Foreign Student Services; and Madeline Ricciardi, Payroll
Wednesday June 22, 2-4pm.
A comprehensive discussion of the relationship of international students, scholars and professors to U.S. immigration law, including permits, visas and green cards.

Self-Defense Techniques

Ptl. Tom Clark, Public Safety
Friday, June 24, 10 a.m.-12:30 p.m.
Demonstration and instruction on key self-defense tactics for both men and women, by university police officers.

Supervisor's Role in Identifying and Preventing Sexual Harassment

Sally Sternglanz, AA/EEO
Monday, June 27, noon-1:30 p.m.
Fiscal liability and management issues in sexual harassment. Non-supervisors welcome.

Beyond "Mastering Performance Reviews"

Marilyn Lawler, University Human Resources
Wednesday, June 29, 9 a.m.-noon
A follow-up for employees who have completed "Mastering Performance Reviews," this workshop will focus on the application of skills to more complex case studies.

How To Help A Colleague in Distress

Geraldine Taylor, EAP
Tuesday, July 12, 1:30-2:30 p.m.
A workshop to help you refer a colleague for professional help when you can no longer be of assistance and can't bear to hear about the problem one more time.

Connections (Session CON R4)

Victoria Mitchell, Publications
Thursday, July 14, 21, and 28, 9:30-11:30 a.m.
A skill-building program for support staff which highlights the importance of customer service and positive communication skills on campus. Three sessions. Register for Connections through University Human Resources, 632-6136.

Personal Safety Awareness and Crime Prevention

Lt. Douglas Little, Public Safety
Friday, July 15, 10 a.m.-12:30 p.m.
Safety on campus and off. This program provides a proactive stance to crime prevention and community involvement, including neighborhood watch and home personal security. "Operation I.D." engravers will be lent out for personal use on request.

Help, I Need a Training Program!

Marilyn Lawler, University Human Resources
Wednesday, July 20, 9 a.m. - noon
A workshop in simple and effective ways to encourage employee development on the job. Participants will develop a mini-training program which can be implemented right away.

Ready, Willing and Able: ADA and You

Sylvia Geoghegan and Monica Roth, Disabled Student Services
Wednesday, July 27, noon-2 p.m. and repeated Thursday, August 18, 1-3 p.m.
A brief introduction to the Americans with Disabilities Act and how it can benefit departments, faculty, staff and students, followed by a videotape and group discussion. Participants will learn more about their rights under the ADA.

University Police and the Community

Lt. Douglas Little, Public Safety
Friday, July 29, 10 a.m.-12:30 p.m.
An in-depth discussion of the role of the university police in the university community. This discussion is intended to include proactive and reactive responses to situations that may arise on campus. Feedback from community members is welcome.

Overview of WordPerfect 5.1

School of Continuing Education
Tuesday, August 2, 9 a.m.-noon
An overview of word processing using WordPerfect 5.1. Seating is limited due to hands-on nature of instruction.

Overview of Lotus 1-2-3, version 3.0

School of Continuing Education
Tuesday, August 2, 2-5 p.m.
An overview of Lotus 3.0 and the use of spreadsheets at home and on the job. Seating is limited due to the hands-on nature of instruction.

Overview of dBase IV

School of Continuing Education
Thursday, August 4, 9 a.m.-noon
Overview of the features and operations of dBase IV. Seating is limited due to hands-on nature of the instruction.

Overview of Windows 3.1

School of Continuing Education
Thursday, August 4, 1-4 p.m.
An overview of Windows 3.1. Seating is limited due to the hands-on nature of the instruction.

How To Save Money, Time and Frustration in the Procurement Process

Steven Wainio, Delores Brajevich, and Paul Schiffke, Purchasing and Stores
Wednesday, August 10, 10 a.m.-noon
Proven methods to save money and effort when generating purchase requisitions and a presentation of savings plans.

Sexual Assault Protocol and Prevention

Lt. Douglas Little, Public Safety
Friday, August 12, 10 a.m.-12:30 p.m.
Discussion of how to prevent sexual assault and rape, and a review of NY State penal law and University Police Sexual Assault Response Policy. Alternatives to vulnerability, alternatives to coercion.

Marketing Yourself on Paper: Effective Resume Writing

Lynn Johnson, University Human Resources
Wednesday, August 24, 10 a.m.-noon
"Hands-on" session that covers how to write a polished resume and cover letter.

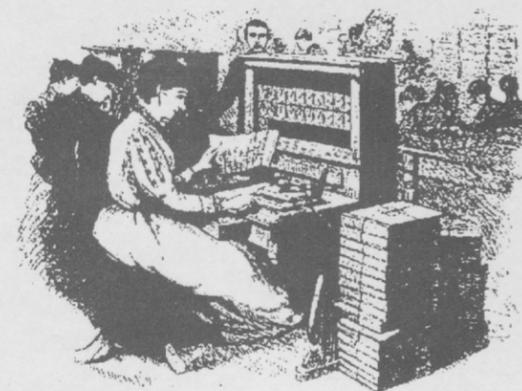
SUNY On-Line Accounting System

Lyle Gomes, Finance and Management
Date TBA
How to use computerized accounting systems for troubleshooting and training.

Stony Brook Union Crafts Center

Marcia Wiener, Crafts Center
Throughout the summer.
Noncredit, professionally taught arts and leisure classes and workshops. The classes are low cost and open to the university and community.
Summer classes available in pottery, clay sculpture, photography, weaving, painting, drawing, dance, yoga, Tai-Chi Chuan, kayaking and children's art.
Call 632-6822 for a brochure.

The State University of New York at Stony Brook is an equal opportunity/affirmative action educator and employer.



Application Form for Workshops

<input type="checkbox"/> Stress Management	6/8
<input type="checkbox"/> Starting and Maintaining a Fitness Program	6/8
<input type="checkbox"/> AA/EEO at Stony Brook	6/13
<input type="checkbox"/> Purchasing 2000	6/14
<input type="checkbox"/> Connections for Managers and Administrators	6/14
<input type="checkbox"/> Employee Assistance Program: Myths and Legends	6/14
<input type="checkbox"/> The Evolution of Diversity at USB and the Challenge of the Future	6/20
<input type="checkbox"/> Financial Resources for Retirement	6/21
<input type="checkbox"/> Campus Community Advocate (Ombudsman)	6/22
<input type="checkbox"/> Immigration, Taxes and Liabilities	6/22
<input type="checkbox"/> Self-Defense Techniques	6/24
<input type="checkbox"/> Supervisor's Role in Identifying and Preventing Sexual Harassment	6/27
<input type="checkbox"/> Beyond "Mastering Performance Reviews"	6/29
<input type="checkbox"/> How To Help A Colleague in Distress	7/12
<input type="checkbox"/> Personal Safety Awareness and Crime Prevention	7/15
<input type="checkbox"/> Help, I Need a Training Program!	7/20
<input type="checkbox"/> Ready, Willing and Able: ADA and You	7/27
<input type="checkbox"/> University Police and the Community	7/29
<input type="checkbox"/> Overview of WordPerfect 5.1	8/2
<input type="checkbox"/> Overview of Lotus 1-2-3 version 3.0	8/2
<input type="checkbox"/> Overview of dBase IV	8/4
<input type="checkbox"/> Overview of Windows 3.1	8/4
<input type="checkbox"/> How To Save Money, etc. in the Procurement Process	8/10
<input type="checkbox"/> Sexual Assault Protocol and Prevention	8/12
<input type="checkbox"/> Ready, Willing and Able: ADA and You	8/18
<input type="checkbox"/> Marketing Yourself on Paper: Effective Resume Writing	8/24
<input type="checkbox"/> SUNY On-Line Accounting System	TBA

Name: _____
Title: _____
Department / Campus Address: _____
Zip + 4: _____ Phone: _____
Email/Allin1 Address: _____

Please send completed registration forms to Susan Kratina, Room 108, Humanities Building, z=0751.
Workshop locations will be provided in the letters confirming registration.

Shared Vision, Shared Responsibility

Continued from first page

environment through the increased confidence and competence of every employee. The workshops offered during the summer are the result of the efforts of dedicated employees of Stony Brook who are willing to share their time **and** knowledge with others. They bring us all closer together by making important information accessible to everyone. During the year, we continue the process by offering workshops in "Getting Things Done at Stony Brook."

The University's TOP TEAM, senior level directors and administrators from all areas, represents another important forum for brainstorming and problem-solving. Programs like "Connections," "Connections for Managers and Administrators," and "Mastering Performance Reviews" will continue to be offered and expanded, and new programs are already in development. I also have had the pleasure of working directly with several departments on specific topics, at their request. My personal commitment to the campus is to listen to your needs

and find creative ways to address them.

Participating in training is a great start, but it doesn't stop at the classroom door! What makes training work? The answer lies in an understanding of how we can all contribute to the development process outside the formal classroom setting. Simply put, if you have learned something new, put it into practice. Take a risk; live with the initial "growing pains" of trying something new; and congratulate yourself for your determination.

If you have asked someone to learn something new or do something differently, create an environment in which growth is possible. Encourage the use of new skills and behaviors; provide meaningful feedback; help to eliminate obstacles; applaud both the attempt and the achievement. You will find yourself learning and growing as a result of your involvement in the growth process of someone else.

In order to acknowledge managers and administrators who actively promote and encourage

their employees' continued development, the Presidential Steering Committee on Training and Development is pleased to give Awards of Recognition to outstanding managers as well as to outstanding training programs this year.

My own professional development has been enhanced by working with the many fine people I have had the pleasure of meeting during this first year. I would like to especially thank my colleagues in University Human Resources, my dedicated staff, the terrific people who volunteer their time on the Training Committee and Dr. John H. Marburger and Dr. Manuel London for graciously inviting me to co-chair the committee.

A special thanks to everyone who participates in and supports employee development. Teams are built through individual as well as collective effort. In this year, I've become a "better me." Please join me by investing in "A Better You" so that we can all be proud of "A Better University."

A Better You, A Better University
Take the training challenge! See inside for registration materials.

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