Stony Brook People

news

Symposium explores academic freedom

"Academic freedom is not a human, civil or constitutional right. Those are birthrights. Academic freedom is a right that has to be earned. It's what makes the campus so important to society, an open forum unlike any other, where teachers have the right to reach conclusions others may consider heresy—if they've arrived at these conclusions through responsible scholarship."

With these words, eminent philosopher Sidney Hook opened a May symposium on academic freedom, academic responsibility and society. Speakers spent nearly three hours trying to define the complex relationships between academic freedom and academic responsibility, especially as they pertain to ethnic groups in higher education.

The symposium was one of several steps taken by the University to review the implications of the widescale controversy sparked by a course on "The Politics of Race" taught by Professor Ernest F. Dube during the summer and fall of 1983.

In addition to Dr. Hook, speakers included state and national leaders of B'nai B'rith, NAACP, American Association of University Professors and the American Civil Liberties Union. Many sharply differing opinions were noted before Dean Robert Neville, the symposium moderator, called a halt to discussion—just before 11 p.m. and asked President Marburger to come to the stage for concluding remarks. Thanking the participants, President Marburger looked back on the nine-month controversy with this reflection: "I'm proud of how the University has digested this issue and attempted to respond to it. In general, I think the dialogue on this campus has taken place at a high level with fairness to those involved."

HSC Photography Service

Nobel Laureate. *Dr. Barbara McClintock, Nobel laureate affiliated with Graduate Studies in Genetics, talks with students following her lecture on genomic evolution this spring. Her talk was part of a six-session mini-course presented by the department of biochemistry.*

Series features Fuentes, Harris, Burbidge, Rickover

Carlos Fuentes, Patricia Roberts Harris, E. Margaret Burbidge and Hyman G. Rickover concluded the roster of luminaries who have spoken on campus this year as part of the Distinguished Lecture Series.

Fuentes, Mexican writer, critic and former Mexican ambassador to France, gave a lively, insightful autobiographical talk on his experiences growing up in North and South America and Europe.

Harris, former secretary of housing and urban development, secretary of health, education and welfare, and secretary of health and human services and now professor of law at George Washington University, spoke on preparing for the 21st century. She said, "We have forgotten justice, fairness, decency and the need to fight for peace" while pursuing power and financial security. She spoke of the need for "rational discourse" and said voters must demand a higher level of political discourse. Rather than seeking competence, experience and integrity, she said Americans seem more concerned about whether a candidate is dull, or has an exciting ad campaign. "We want to be entertained by our leaders," she said.

Dr. Burbidge, noted astrophysicist and former president of the American Association for the Advancement of Science, spoke on the future of space exploration. She pointed out how the lack of funds had slowed down the drive for telescopes in space and a super telescope on land, but expressed hope for the future when manned exploration of Mars and life on space platforms may take place.

U.S. Navy Admiral (Ret.) Rickover, known as the founder of the nuclear navy, stressed the importance of responsibility in our lives. "It forces man to become involved," he said. Other "principles of existence" which give man a purpose in life he listed as creativity, perseverance, excellence and courage."

The series was co-sponsored by the Provost's Office and *Newsday*.

Where's the beef on TV news shows?

WNBC-TV's Dave Marash, widely recognized as a pioneer in investigative television journalism, delivered the University's eighth annual Martin Buskin Lecture in April, speaking on "Why there isn't more 'beef' in television news."

Marash blamed "bottom-line business" for much of the problem. He also criticized the "star system" of highly-paid telecasters as "a team of glamor reporters" who are on the air so much they don't have time to do actual reporting. He bemoaned the death of the documentary which, he said, has been replaced with "happy news," a montage of quick deliveries designed to appease viewers' short attention spans and make money.

Martin Buskin, education editor of *Newsday* and a Stony Brook faculty member in journalism and communications, died in 1976 at the age of 45.

Field house, dental school near design stage

Campus officials are hoping that design work on two long-awaited construction projects, a new field house and a permanent home for the Health Sciences Center's School of Dental Medicine, may begin this summer as a result of recent state budgetary appropriations. Included in the 1984-85 state budget for Stony Brook are initial funds for both projects, which are likely to be completed within the next three years.

The field house, at a cost of about $17 million, with an anticipated 10,000 seat capacity, will be attached to the present campus gymnasium. The $10 million School of Dental Medicine facility will be on the South Campus, incorporating the school's current temporary building there.

6 SB faculty win Guggenheims, Sloans

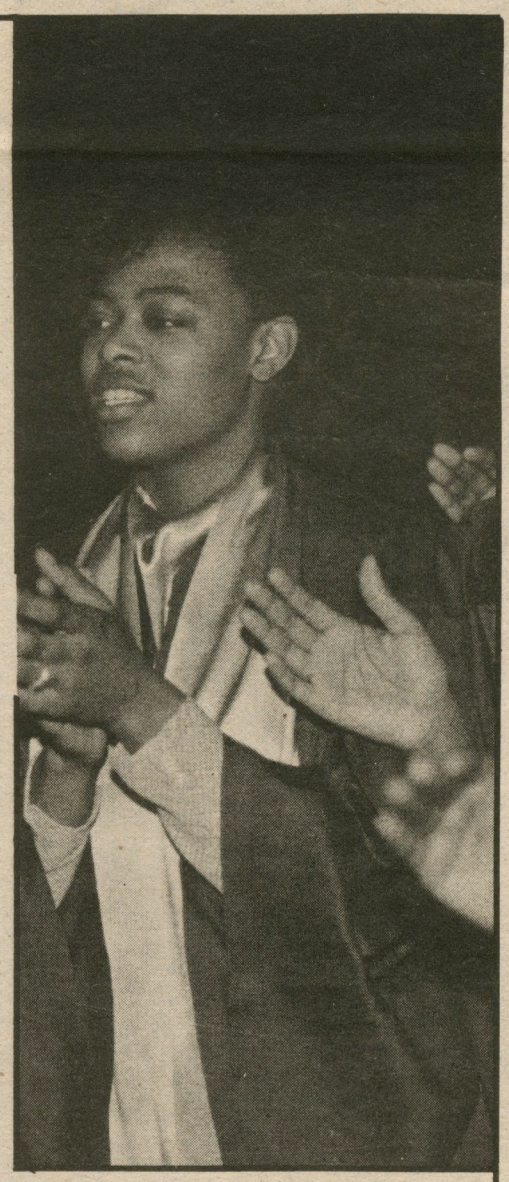
Six Stony Brook faculty members have received Sloan Research and Guggenheim Foundation Fellowships—two Sloan and four Guggenheim Fellowships—making Stony Brook one of the nation's top recipients of these prestigious national awards this year.

The four Guggenheim awards put Stony Brook among the 26 leading institutions in the country with respect to this year's Guggenheim appointments. Stony Brook's two Sloan Fellowships put the University among the top 20 leading institutions receiving those awards this year.

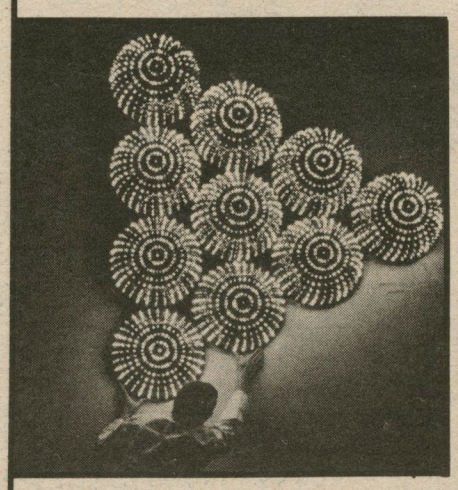
Guggenheim Fellowships, awarded on the basis of demonstrated accomplishment in the past and strong promise for the future, were received by Professor Frederick Brown, French and Italian Department; Professor Jeff Cheeger, Mathematics; Professor George R. Stell, Mechanical Engineering; and Professor Amos Yahil, Earth and Space Sciences.

Sloan Research Fellowships, awarded to scholars who show the greatest promise of doing

What a Spring! *Among the many fine spring presentations in the Fine Arts Center were the appearance of the Stony Brook Gospel Choir in a University Theatre production of "God's Trombones" by James Weldon Johnson, an exhibit of light sculpture by Eric Staller in the Art Gallery and a Highlight Theatre run of David Mamet's "The Woods," which featured a unique rainy night set.*



Maxine Hicks



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original work in their fields, went to Professor Steven A. Kivelson, Physics; and Professor Leslie Craig Evinger, Neurobiology and Behavior.

As a result of this year's awards, 43 Stony Brook faculty have now received Sloan Fellowships and 58 have received Guggenheims.

HSC Photography Service

Javits Lecture Center. *In late April, a dedication ceremony marked the formal naming of the campus lecture hall building, now to be known as the Jacob K. Javits Lecture Center.* Statesman, *the student newspaper, had made the original suggestion to name a building in honor of the former senior New York senator whose collection of public documents is housed in the University Library. The State approved the move, making an exception to a long-standing policy against naming structures for living persons. President John H. Marburger (above) presented Sen. Javits with a copy of the plaque being mounted in the Lecture Center.*

Pedro Armillas dies

Pedro Armillas, professor of anthropology at Stony Brook from 1968 until moving to the University of Illinois at Chicago Circle in 1972, died late in April.

"Professor Armillas' heritage to Stony Brook is important," said Professor Phil C. Weigand, chairperson of the Department of Anthropology. "He introduced archaeology to the University's curriculum and was responsible for introducing the archaeology of ancient Mesoamerica to the Long Island community."

Stony Brook People

UPS 715-480

Vol. 15, No. 2 May/June 1984

Editor: Ralph Chamberlin
Writers: David Woods, Al Oickle,
Alumni Director: Denise Coleman

Published six times a year in January/February, March/April, May/June, July/August, September/October and November/December by the State University of New York at Stony Brook, 335 Administration Building, State University of New York at Stony Brook, Stony Brook, NY 11794-0604. Distributed by the Alumni Association. Second class postage paid at Stony Brook, NY.

Transplantation center has high success rate

Surgeons and patients at the Health Sciences Center's Transplantation Center are celebrating an unusually high success rate with kidney transplants. They are also proud of the successful arrangement of some 50 organ transplants during the past year—kidneys, four livers, a pair of lungs and a heart—through their organ transplant donor network of 28 Long Island hospitals.

The Transplantation Center is the only federally authorized organ transplant center for the Long Island region. Since the University Hospital opened in 1980, Dr. Felix T. Rapaport and his colleagues have performed 30 kidney transplants with only a 15% rejection rate and one death. Included were a record four transplants performed during a single weekend this winter.

Dr. Rapaport credits the Transplantation Center's high success rate—nearly twice the national average—to its strong research base. With about $450,000 in funded research on everything from pre-operative organ tissue preservation to post-operative anti-rejection drugs and urological and hypertensive problems underway in laboratories just a glass-enclosed 19th story walkway away from his hospital surgical floor, Dr. Rapaport says he and his colleagues are "in the fortunate position of being able to apply the very latest research data to every patient and every operation."

As Stony Brook's University Hospital moves toward its planned 540-bed capacity—305 beds have been opened to date—Dr. Rapaport expects the Transplantation Center's current kidney transplant operations will be augmented by bone marrow, liver, pancreas and heart transplants.

Successes. *Two successful leaders, Pulitzer Prize-winning author William W. Warner and U.S. Navy Admiral (Ret.) Hyman G. Rickover, were recipients of the Stony Brook Foundation's annual awards at a successful fundraising dinner which made more than $100,000 in March. Warner and Rickover, shown here with SBF's Director of Development Diane Diot McNamara, were among 600 leaders of the business and education community who gathered to salute the achievements of the Marine Sciences Research Center. The funds raised are used for student scholarships, seed money for new programs and University endeavors not covered by State funding.*

Anthony Ross '82

Young artists series features alumni

Recent alumni and graduate students of the Department of Music are the musicians to perform in a new series of Monday night concerts this summer.

The artists and schedule of concerts is as follows:

Arthur Greene, pianist—July 16. He was a 1983 prize-winner in both the Busoni and Maryland International Piano Competitions and a 1978 first prize-winner in the Gina Bachauer International Competition. He has toured internationally including three concert tours of Japan. Last June he appeared with the San Francisco Symphony as guest soloist as part of their Beethoven Festival. He made his debut in Carnegie Recital Hall in January.

Anthony Ross '82, cellist—July 30. He has made solo appearances with the Kalamazoo Symphony Orchestra, Julius Grossman Orchestra, Dallas Symphony Orchestra and Moscow State Philharmonic. His many prizes, including the Stulberg Award, G.B. Dealey Award, Aldo Parisot International Cello Competition and a special award in the Washington Young Artist Competition, were capped by the award of the bronze medal in the prestigious Tchaikovsky Competition in Moscow. He is presently the principal cellist with the Rochester Philharmonic.

Stony Brook Trio (violinist Dawn Harms '84, cellist David Bakamjian '83, pianist Gwendolyn Mok '82)—August 13. Coached by Professor of Music Bernard Greenhouse, cellist of the Beaux Arts Trio, the Stony Brook Trio has been enthusiastically received in the New York area. In December the Trio made its debut in Carnegie Recital Hall as a winner in the Artists International Auditions. This summer they are trio-in-residence at Norfolk Music Festival.

The Belle Terre Chamber Players (violinist Rachel Vetter '84, pianist Hao Huang '84, clarinetist Charles Nath '84, guitarist Richard Savino '81)—July 9, 23; August 6. A core group of four instrumentalists joined by associate players, the Belle Terre Chamber Players are a unique group of musicians. The inclusion of the guitar and the clarinet in the classical ensemble gives this group the flexibility to present a great variety of programming. These prize-winning performers bring to their collaboration international solo experience, and a vital sense of communication.

Angela Davis strikes at capitalism

An appearance on campus by black activist Angela Davis highlighted a three-day Black Women's Weekend in early May.

Davis, co-chairperson of the National Alliance Against Racial and Political Repression and Communist Party candidate for U.S. vice president, focused on the need to organize and form a united unit to effect change and eliminate racism, sexism and nuclear warfare.

She said, "There is a relationship between the treatment of black people and the capitalist system. Racism cannot be eliminated unless monopoly capitalism is destroyed." She cited the inequities in salaries earned by blacks and women as evidence of the severe problems of the capitalist system.

Alumni return to visit, reminisce

Graduates of the classes of 1964, 1969, 1974 and 1979 came together on May 19 to reminisce about the good old days and to see how the campus has changed in just a few short years.

Scheduled activities included tours of the hospital, Marine Sciences Research Center and Fine Arts Center, lectures by Dr. Elof Carlson and Dr. Ruth Miller, a picnic at Roth Pond and a cocktail party and dinner-dance. Many alumni also enjoyed campus tours—the spot most requested to tour was G & H Quad.

The day began with coffee and danish in the Administration Lobby. All registrants received a packet of information including the *Annual Statesman*. Then vans brought the alumni over to the hospital where they were given a tour of the 540-bed tertiary care complex. As the van approached, you could hear comments about the Star-Trek looking complex, and how much the campus has changed.

Then it was onto either the Marine Sciences Research Center or the Fine Arts Center. Graduates of the class of 1964 saw a very different campus from the cluster of five buildings that were here when they left.

Some cloudy weather caused the picnic at Roth Pond to be moved under the eves of the cafeteria. But good food and a place to sit were a great stimulant for conversation. You could see people gravitating toward classmates and many stories of campus life surfaced.

A little bit of college life was in store for alumni. Dr. Carlson gave a lecture on "What Should We Do With Our Baby Jane Does?" and Dr. Miller spoke on "The Useful Whitman and Dickinson."

In the evening, the alumni came together again for cocktails and a surf and turf dinner. There was very little dancing to the sounds of the DJ, but very much conversation. The memorabilia table displayed a pictoral history of Stony Brook from the days of Oyster Bay to the present. Old

yearbooks and copies of *Secolian* and *Statesman* were conversation stimulants and people compared then and now.

Prior to dinner being served, there was a brief program at which Leonard A. Spivak '64, president of the Alumni Association, presented the four alumni scholarships.

President John Marburger then made the Distinguished Alumni Award Presentation.

Denise Coleman, director of alumni affairs and Annual Fund, said, "I hope that in the next few years we will have thousands of alumni participating. This year's reunion classes enjoyed visiting with former classmates and reminiscing about days gone by. I always enjoy seeing alumni reactions to Stony Brook today."

Distinguished alumni receive awards

HSC Photography Service

Dr. Veerabhadran Ramanathan, Ph.D. '74, senior scientist at the National Center for Atmospheric Research, and Dr. Stephen W. Director '65, head of the Department of Electrical and Computer Engineering at Carnegie-Mellon University, hold their new Distinguished Alumni Plaques.

A Stony Brook graduate who helped revolutionize electronic circuits design and another who discovered that trace amounts of industrially-produced gas in the atmosphere could have a significant impact on climate received the University's second annual Distinguished Alumni Awards during Alumni Weekend ceremonies on campus May 19.

Honored were Dr. Stephen W. Director '65, who received his B.S. degree from the College of Engineering and Applied Sciences, and Dr. Veerabhadran Ramanathan, Ph.D. '74, who received his advanced degree in atmospheric science.

Dr. Director has been head of the Department of Electrical and Computer Engineering at Carnegie-Mellon University since 1982. He holds an endowed chair at Carnegie-Mellon, the U.A. and Helen Whitaker Professorship of Electronics and Electrical Engineering.

Dr. Ramanathan has been associated with the National Center for Atmospheric Research in Boulder, Col. since 1976. He received the Center's Outstanding Publication Award in 1981 and in 1982 was promoted to the rank of senior scientist, comparable to that of full professor, just eight years after receiving his Ph.D.

Dr. Director, after graduating from Stony Brook, received his Ph.D. from the University of California at Berkeley and became part of a small group of pioneering researchers who revolutionized the field of electronic circuits through the initiation of computer-aided design methods. In 1981, at the age of 37, he was elected president of the Institute of Electrical and Electronics Engineers (IEEE) Circuits and Systems Society, the principal international professional society of circuits engineers with a membership of about 11,000. He was appointed to the Carnegie-Mellon faculty in 1977 as professor of Electrical Engineering after six years as a faculty member at the University of Florida where he was promoted to the rank of full professor in 1974.

Dr. Ramanathan's work attracted wide attention in 1975, just a year after he received his Ph.D. from Stony Brook, when he reported that minute amounts of industrially-produced freons within the atmosphere could have a significant impact upon climate. The work, done while he was a post-doctoral fellow at the NASA Langley Research Center and published in *Science* magazine, brought him a NASA Special Achievement Award. Largely as a result of his work, the International Radiation Commission established a special working group, co-chaired by Dr. Ramanathan, which deals with trace gas effects upon climate.

Last year's initial award was presented to Kenneth B. Marcu '72, Ph.D. '75, a faculty member in Stony Brook's Department of Biochemistry, for his work on chromosomal translocation of cancer genes.

Alumni events

Lacrosse reunion

True to lacrosse tradition, the air was windy and brisk as 14 members of the alumni lacrosse team took on the varsity team on April 21. The cheering section with wives and children sitting in the bleachers looked a little different from the good old days.

Following the gallant effort by the alumni (9-4), all players and guests joined Coach Ziegler and Alumni Director Denise Coleman for heroes and beer in the dance studio. T-shirts for the second annual reunion game were distributed at the reception. Frank Ross, former captain of the team, travelled back from medical school in Ohio and Rob Brodsky '78 came down from Connecticut. Coach Ziegler even suited up and played against his current team And the question of the day, "Where is Burt Cook?"

Alumni Lacrosse Team

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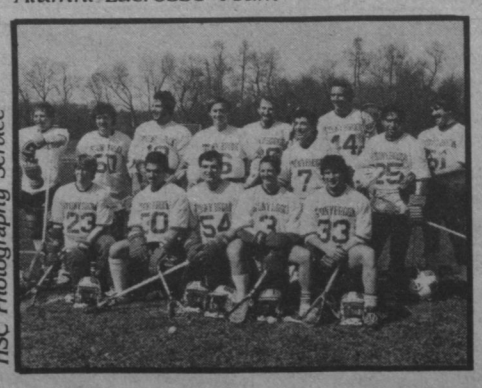


VIP 4-mile race

The VIP Club stepped ahead in its efforts to enhance the athletic program at Stony Brook by sponsoring a 4-mile road race on campus April 28. Several hundred people turned out for the race and more than $1,000 was netted. Programs such as this, and individual alumni donations, are making an impact. Would you care to help enhance athletics? Send your donation with name, address and class year to VIP Club, 322 Administration Building, State University of New York at Stony Brook, Stony Brook, NY 11794-0604.

Fine arts nights

Alumni enjoyed discount tickets for three evenings at the Fine Arts Center: "The Woods," March 21; Nikolais Dance Theatre, April 24; and Stony Brook Chamber Orchestra, May 4.

Watch for Summer Theatre at the Fine Arts Center or call the Box Office: (516) 246-5678.

Softball reunion

Former softball players returned to campus and took on Coach Judy Christ's nationally ranked varsity team May 6. The competition was stiff but both sides relaxed and swapped stories at the reception in the gym after the game. The final score was 6-5 alumni.

4 student leaders win alumni awards

Four students who have made remarkable contributions to campus life were awarded the third annual Alumni Association scholarships recently during Alumni Weekend ceremonies May 19.

"This year's winners represent a remarkable variety of contributions to campus life," said Denise Coleman, director of alumni affairs, "typifying the kind of university service achievements which the Alumni Association intended to recognize when it established the Alumni Scholarship Program."

The $250 cash awards were presented by University President John H. Marburger and Alumni Association President Leonard A. Spivak '64.

Neal Drobenare received the Alumni Association's Class of 1970 Scholarship for freshmen "who have made the most significant contribution to the University." Drobenare founded and served as first director of the Polity Academic Services organization of Polity, a new student-operated central clearing house for academic-help information. His other campus activities have included serving as assistant treasurer of Polity, freshman class representative and a representative in his residence hall governing association.

SUNY Alumni Day—*Leonard A. Spivak '64, president of the Stony Brook Alumni Association, on right, and Denise Coleman, director of alumni affairs, were among many SUNY alumni who met with Albany legislators (at left, Assemblyman George Hochbrueckner) in March, seeking support for the University.*

Graduate student Samuel B. Hoff received the Association's Alumni Scholarship for graduate students "who have been active in campus affairs benefitting the Stony Brook environment." Hoff was honored for contributions including his service as president of the campus Graduate Student Organization in 1982-83, membership on the Stony Brook institutional self-study steering committee, preparing for Stony Brook's first Middle States Association Reaccreditation in 10 years and as a member of Stony Brook's University Senate Executive Committee. Last fall, he worked as a personal aide to former Senator Jacob K. Javits as Senator Javits prepared his public papers for repository in the Frank Melville, Jr. Memorial Library. Since January, Hoff has served as campus coordinator for Students for Mondale, organizing student volunteer work for the Mondale presidential nomination campaign.

Brian C. Kohn received the Elizabeth Couey Scholarship for juniors "who have been active in campus affairs and have done the most to foster communication and bridge understanding among students, faculty and administration." He was honored for activities including service as supervisor of the Polity Hotline, Polity treasurer, president of the Polity student senate, vice chairperson of the Polity Programs and Services Council, president of his residence hall association, a board member of the Faculty Student Association and a member of the University Senate.

Senena E. Sacks received the Association's Ashley Schiff Scholarship for sophomores "who have made significant contributions to campus life and to conserving the local environment." She was honored for her work with a group of other students in developing a new Residence Hall Association and Council on campus during the past year, an organization established "to bring all Stony Brook students closer together by addressing common concerns, sponsoring campus events and promoting school spirit."

The computerization of the campus

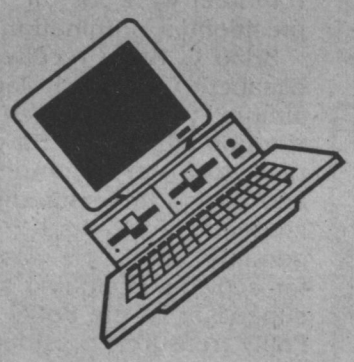
The evidence is everywhere. Well, almost everywhere: Although graduates did not wear floppy disc mortarboards at Commencement (see cover), the evidence is almost that pervasive.

In the past year or so, terminals have popped up in hundreds of offices and labs—from secretarial desks to the Office of the President. About 300 new terminals were ordered this spring alone. Faculty and staff have flocked to campus computer courses. Computer literacy is being championed as a goal of curricular reform. Accessibility of terminals for students will be greatly increased this fall. A digital telephone switching system is being planned which will simultaneously transmit voice and data communications. And the Computer Science Department has been granted a multimillion dollar grant to further simplify computer use worldwide.

Computers are not new at Stony Brook. They arrived with the opening of the campus in 1962. Even as late as 1980, however, use of the computer was pretty much confined to research faculty. In less than five years, burgeoning use of the computer has made its presence apparent in virtually every administrative and academic department. The speed of growth is so rapid that no one knows for sure how many computers and terminals there are on campus. "Many hundreds" is the best guess anyone will venture.

The articles and photos on these pages can only tell parts of this vast story of technological revolution. It has only begun; its extent is not even known; and its impact will continue for generations.

Provost Homer A. Neal, seen here in a picture developed by As You Like It Computer Portraits, is one of the staunchest champions of computer innovation at Stony Brook. The computer-generated designs on these pages were produced by Dr. Neal on a Tektronix 4663 plotter driven by an IBM PC.



Project SINC to bring students on line

"Stony Brook Is On Line for Education," said the headline in *Newsday*. The story beneath it told about Project SINC, one of the nation's first campus-wide instructional computer networks, being established at Stony Brook this summer. The project will vault Stony Brook to a position among the nation's leaders in the use of computers in electronic classrooms.

Stony Brook and Digital Equipment Corporation (DEC) of Maynard, Mass., are entering into agreement under which tuition funds earmarked for computing will be used to help provide students with state-of-the-art computing equipment, rather than follow the Carnegie-Mellon model of having students purchase their own computers.

SINC—Stony Brook Instructional Networked Computer—will establish six clusters, each with 25 computer work stations linked to a VAX minicomputer, a shared hard disk and a laser printer. The configuration brings to each station the advantages of a stand-alone computer, in which an undergraduate student can work from a floppy disk carried around like the present notebook, as well as the power available on a huge network. The work stations will be connected to each other via an ETHERNET local area network.

Dr. George Pidot, Jr., director of computing, said, "For years, access to computing services has been relatively good for researchers, especially those in engineering and the sciences. The focus of Project SINC is the undergraduate student. The goal of the project is to integrate the computer into the college curricula both as an instructional tool and as a facilitator for taking and storage of notes, preparation of papers and the submission of assignments. In the future, floppy diskettes will be as common as notebooks for storing notes and assignments."

Instructors will be able to grade and comment on assignments by calling them up on the screen of a work station, he noted.

The campus location for each of the six clusters was chosen to provide maximum distribution of the services to Stony Brook's student body of more than 16,000. Breaking with tradition, the first cluster to be installed will be for the humanities. Subsequent sites include engineering, computer science, math-physics, social and behavioral sciences and health sciences.

The first two clusters are now being installed. The third and fourth clusters will join the system next fall and the final two clusters will be operating in spring 1985.

Funding is also somewhat non-traditional: the students are providing about half the cost through allocating a portion of their yearly tuition—about $25—as authorized on all SUNY campuses. The remainder comes from the equipment manufacturer, whose proposal was chosen from among the 10 vendors that responded to Stony Brook's invitation.

Digital's Joel Schwartz, vice president for small systems, said, "We are interested in establishing this high-speed network of intelligent work stations for student use as a model for other campuses. The system devised by Stony Brook brings together the advantages of the personal computer and the full power of a mainframe system on a major university campus."

The work stations will support word/text processing, spreadsheet and data base management as well as the programming languages FORTRAN, BASIC and PASCAL. They also will have graphics capability with very high resolution.

Dr. Pidot said the system is expected to continue expanding in the years ahead. When the five-year project, worth more than $2 million, is completed, each of the six clusters will be connected by fiber optic links

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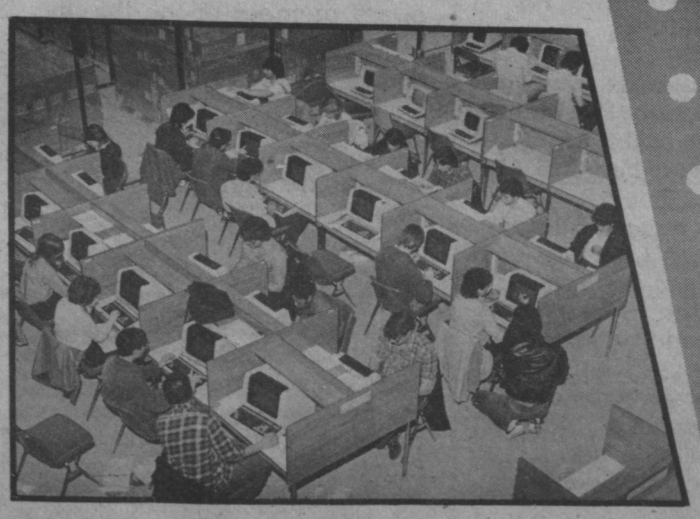

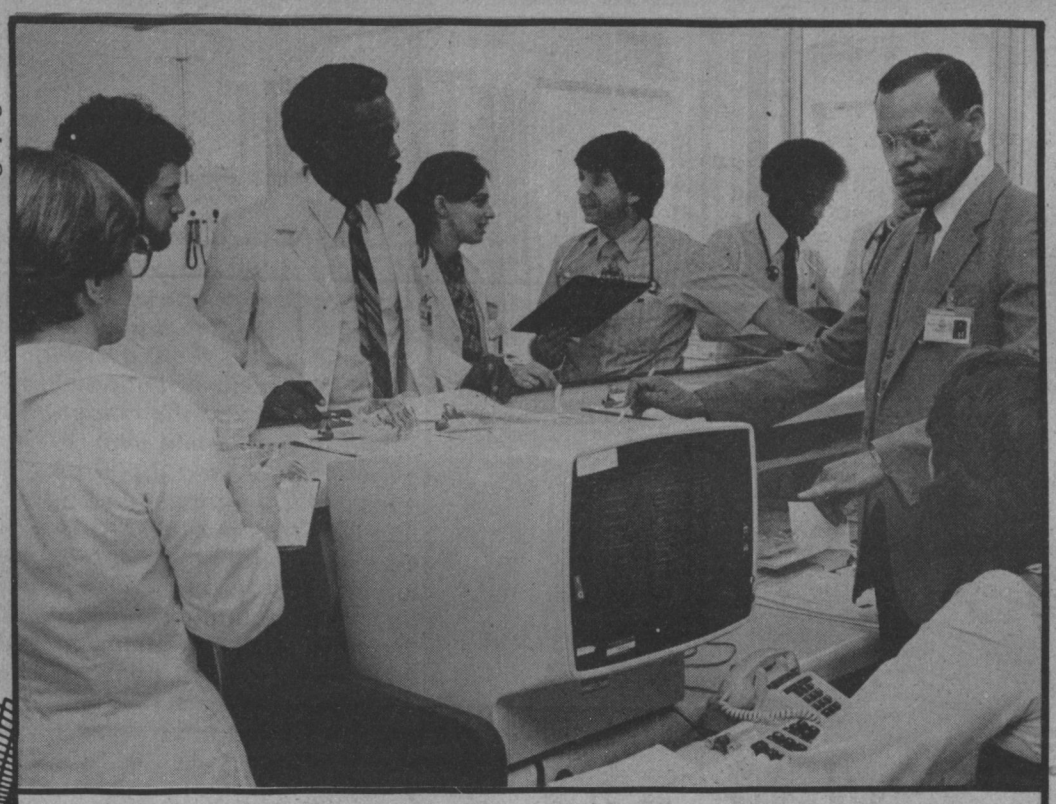

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Health Sciences. *The University Hospital is probably the most thoroughly computerized operation on campus. Here, patient information flashes on the screen in the Emergency Department. Paul Vegoda, the Hospital's director of information services, says, "Stony Brook is on the leading edge of hospital systems in the world, and I intend to maintain its leadership in that area." Since the hospital's opening in 1980, all patient information has been automated. Using more than 200 terminals, staff members log all patient data from admission to discharge. And terminals in the operating room monitor equipment in use.*

G. Pidot

Music. *Andre Garneau in the Department of Music uses three microcomputers to control one of the few Buchla 300 prototype synthesizers (above) in existence. Garneau has simplified the composer's task of communicating with the synthesizer by documenting the machine, writing an instruction manual for composers wishing to use it and developing programs that utilize the many capabilities of the instrument.*

"For years, access to computing services has been relatively good for researchers, especially in engineering and the sciences. The focus of Project SINC is the undergraduate student."

Dr. George Pidot
Director of Computing

Computer courseware available from SB

An eleventh grader sitting at a Commodore PET microcomputer in a classroom decides that by decreasing the weight of an electric car the student is designing on the computer screen, the automobile will travel several miles farther without using more energy. The student presses a few keys and almost instantly is told the vehicle will go five kilometers farther on the same energy.

In nearby classrooms, students are figuring their home electricity bills, computing the speed their car needs to clear an intersection before the light turns red, playing a game like tic-tac-toe that reviews chemistry and math knowledge and are even using the computer's graphics system to illustrate pollution in a lake.

These modern learning programs all come from "Huntington III," a project funded by the National Science Foundation and carried out over the past three years at Stony Brook. Under the direction of Dr. Thomas T. Liao of the Department of Technology and Society, a team has developed nine "courseware" packages for use in grades 8-12 and college freshman math and science classrooms.

Courseware is a word used to describe an integrated package of software (computer programs of instructions) and related support material such as a teacher manual and student worksheets.

The nine new Huntington III courseware packages have now been placed in the public domain. That means they are available at cost ($100) through Stony Brook's Research Foundation office.

The complete set of nine courseware packages consists of 12 programs designed for the Commodore PET computer, three programs for the Apple II+ and a teacher guide for each of the nine courseware programs. Dr. Liao noted that the project encourages teachers, students and computer owners to modify the programs to their own needs and even to adapt them to other makes of computers.

The Commodore and Apple microcomputers were chosen for Stony Brook's project because they are widely used in education and have graphical characteristics important as teaching tools.

The new courseware uses the techniques of such popular computer games as Pac-Man to help teachers improve their students' understanding of such subjects as chemistry and physics. For example, a multiple-use courseware package called "A-Mazing Game" allows a student to move through a maze "eating" questions with correct answers and scoring points for accuracy and speed. It's easy to see why Professor Liao calls these teaching programs "user-friendly."

For information about the programs, or to order materials, write or call Prof. Liao, (516) 246-8648.

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to a proposed integrated digital telephone system with other computers on campus. In conjunction with Stony Brook's proposed phone system, which will support simultaneous transmission of voice and data, students will be able to "dial-in" (without a modem) to the network from their residence halls.

"A privately owned computer may be left running even while unattended, ready to receive mail," Dr. Pidot said. "As long as dial-up telephone connection can be made to some communications server on the network, all network-dependent tasks may be performed from a student's home, albeit at a somewhat slower speed."

He continued: "The computer is a teaching tool. Everyone must become computer-literate. I can't conceive of a well-educated person in the future not knowing how to make the computer work for him or her. It will be as necessary as the telephone."

SB receives $4.4 million computer research grant

By the 1990s, use of the computer should be as easy and widespread as use of the telephone is today.

To help reach this goal, the National Science Foundation has awarded a grant of nearly $4.5 million to Stony Brook's Department of Computer Science.

The Stony Brook research team has set out to develop a computer systems program that will respond to simple written commands given in a normal conversational manner on any single terminal, whether it is functioning alone or as part of a complex worldwide network.

The funds will be used over five years on a project to develop ADONiS—a data-oriented network system for computers. Dr. Jack Heller, who chairs the Computer Science Department, said the research, involving more than $2 million in new equipment and the addition of a dozen computer professionals, is aimed at developing "the systems software for the 1990s."

The grant has been awarded to a Stony Brook team of 16 faculty investigators for work on integrating "relational data bases" with communications and computer operating systems, a topic of great current interest for computer users. The goal of the Stony Brook team is to develop a systems software that not only will permit computer users to replace complex mathematical commands with simple directions but also will make these commands recognizable to all computer machinery using the popular computer operating system called UNIX.

In their proposal to the NSF, the Stony Brook scientists wrote: "The concept of a data-oriented system appears to have enormous scope and flexibility because it provides a uniform interface to all system and user information. We chose the relational approach because relational systems have reached a significant level of maturity, their implementations are becoming more efficient and they have a mathematical simplicity and elegance that allows precise reasoning about data resources and data structures."

The Stony Brook grant is the largest of four announced in Washington by the NSF's Division of Computer Science—three of them awarded to New York State institutions. The other grant recipients are: New York University, University of Rochester and the University of Arizona.

Stony Brook's $4.5 million award is one of the largest of the 15 computer grants awarded since the first round of NSF awards in 1980. In the current round, Stony Brook's Department of Computer Science competed with approximately 20 institutions nationally.

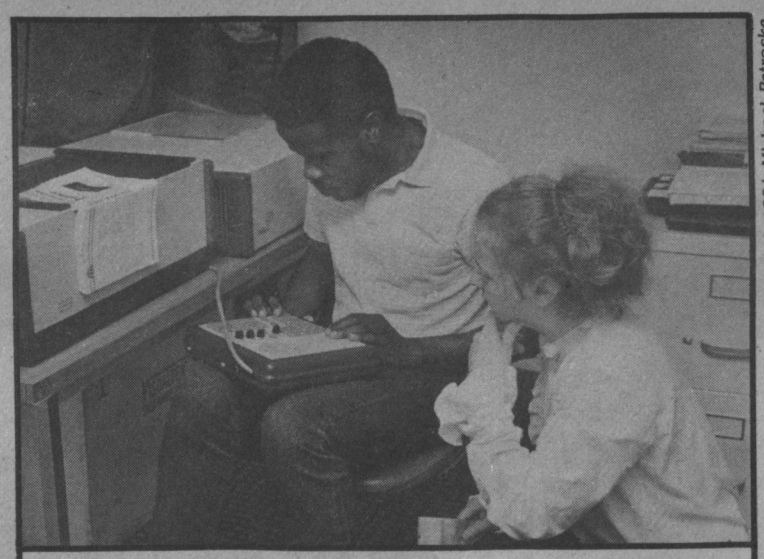
Stony Brook President John H. Marburger said: "This is a significant award. NSF's selection of Stony Brook for a major grant in a highly competitive area tells us that efforts to develop our Computer Science Department have been successful."

Provost Homer A. Neal said, "Progress in computing and information technology will be of critical importance to our world in the decades ahead. The scientific and mathematical problems to be faced are awesome but the potential benefits to science and society deriving from their resolution are enormous. I am extremely pleased that the National Science Foundation has selected our high quality Computer Science Department to conduct this major research initiative which promises to advance significantly the very frontier of the field."

Stony Brook's Computer Science faculty is presently working on 20 projects under grants and contracts exceeding $1 million. The NSF award is the largest ever given the department and among the largest granted to the University. During the current fiscal year, Stony Brook's research awards from nonstate sources are expected to exceed $40 million.

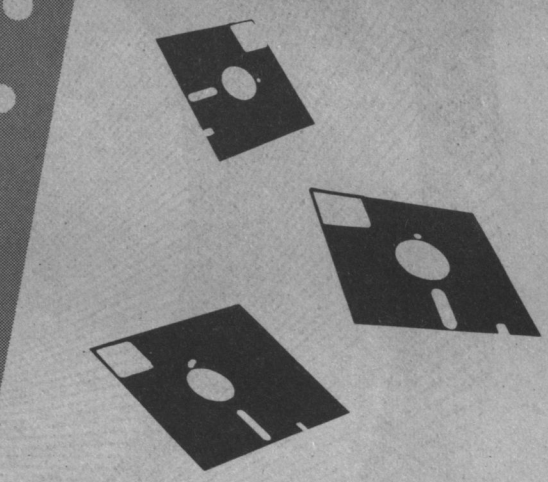
Dr. Heller explained the need for the ADONiS project this way: Systems software controls the parts of a computer, including for example, the video screen, central processing unit and disc drives, and makes them work together. The systems software that manages the functions of the computer is sold under various brand names, including CP/M,

continued on page 8



Visually Handicapped. *Assistant Reference Librarian Mary McCullum works with blind computer science student Colin Meertins and the Kurzweil Reading Machine in the Frank Melville, Jr. Memorial Library. A book is placed on the machine (left), the right buttons are pushed, and the computerized equipment reads aloud. Programmed with 1,000 rules of English pronunciation and 1,500 exceptions, the machine can read books, journals and other printed material in English. It is available to the campus community, including alumni, by appointment; a 10-hour training program is recommended.*

The Computing Center this spring acquired a Votrax Personal Speech system, another aid for the visually impaired, that can translate any line of text on the screen into speech.

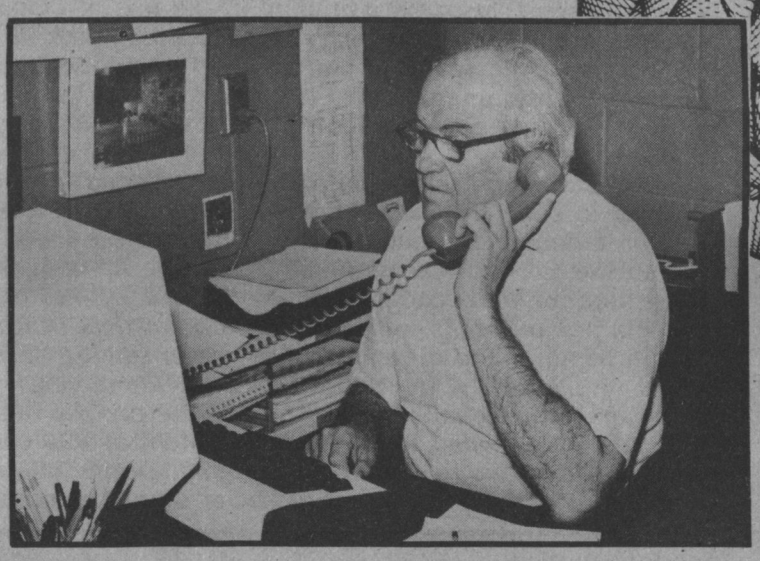


A VLSI circuit in design stage

Ethernet

gigabyte

general computer power
lable to students and faculty
Stony Brook) must at least
druple within the next few
ears and nearly quadruple again
the end of the decade."
Dr. George Pidot



Chuck Webber

Dr. Jack Heller, chairperson, Computer Science Department

Jack Heller: A man of today planning our tomorrows

Jack Heller smiles as he calls a visitor's attention to the door of his office in Stony Brook's Lab Office Building. In the upper right corner of the black painted door is a square of dark red paper, 8 x 8 inches. Near the doorknob is a smaller piece of white paper declaring: "Minimal Art by Jack Heller."

"That's what minimal art is," laughs the chairperson of the Department of Computer Science. "The less there is, the better it is."

Simplicity is also the goal of the Computer Science Department's new $4.4 million federal research grant. For the next five years, Dr. Heller will be leading the effort, as he puts it, to develop "a uniform program environment in which the neophyte user...can work with the most sophisticated and complex computer/mathematical system as easily as a knowledgeable computer scientist."

The less the better is also the way he feels about office paperwork. "You'll notice," he says, waving an arm around his office, "I have no file cabinets. I'm trying to get rid of paper."

Dr. Heller practices what he preaches. He slips into the chair at his desk and turns the switch to activate the old-fashioned looking computer terminal. He peers over his Ben Franklin glasses and in less time than it takes to describe the process he has reviewed his day's schedule, riffed through the day's mail and punched out a message to a faculty colleague. All electronically.

His schedule is set days ahead, even weeks in advance. When he couldn't recall the time of a faculty committee meeting one day recently, he called up a program called "Chat" and asked, through his keyboard, for the information. Almost instantly he had his answer: "1 o'clock—sharp!" He had "talked" through the computer to a colleague down the hall. By checking the roster directory he had called up to his screen, Dr. Heller knew his colleague was at work on the terminal; hence the rapid reply.

His mail is as cosmopolitan as one would expect for a busy professor whose research has been recognized around the world. It comes from an office down the hall, and from such places as the National Science Foundation office in Washington, D.C. All electronically.

He can, and does, review faculty workloads, student grades and administrative correspondence, all seated in front of his computer terminal.

When he writes an occasional memo that must be sent through conventional channels—on a piece of paper—he composes on the computer screen, punches an output key and strides a few dozen steps down a corridor to a room housing printing equipment. He's so determined to keep his office free of paper that he won't allow a small printer to be installed. "Besides," he chuckles, "the laser printer I like costs $20,000."

His office is lined on two walls with windows and on the other two with a huge chalkboard and a crammed bookcase. He uses the chalkboard to diagram explanations he gives visitors. He's the consummate teacher. And he uses the books to keep track of new material in computer language, computer societies, computer research and computer technology.

On his desk, near the terminal, are photos of his family, including a new picture of his baby grandson, his first. Jack Heller comes from Brooklyn, where he earned his doctorate at the Polytechnic Institute of Brooklyn, and he retains old family values even as he sprints ahead of the pack in adapting his lifestyle to modern technology's do-all computers.

SB's state-of-the-art computer science dept.

The Department of Computer Science has granted more than 40 Ph.D. degrees and 250 M.S. degrees in its first 12 years. About half of Stony Brook's doctorates have chosen industrial careers; the other half have opted for careers in academia and hold positions on the faculties of Stanford, Cornell, University of Illinois, Yale, etc. Stony Brook graduates hold positions at Bell Communications Research, Bell Telephone Laboratories, General Electric, DEC, IBM, Jet Propulsion Laboratory and Softech, among others.

The Computer Science Laboratories contain a VAX 11/780, seven VAX 11/750s and several PDP 11 computers, most running under the Berkeley UNIX operating system. These systems are equipped with an approximate total of 4.4 gigabytes of disk storage and are linked in a 10 megabit/second ethernet. The VAXs are used for research in VLSI, databases, operating systems, programming environments, artificial intelligence and graphics. Supporting peripherals and equipment include: two laser printers and a color printer, four high-definition color graphics systems and numerous terminals and line printers. In addition, six high-resolution, bit-mapped workstations are currently available for research.

The primary areas of departmental research interests include: operating systems, computer networks, databases, VLSI, artificial intelligence, natural language understanding, graphics, software engineering, algorithms, theory of computation, programming languages and computer architecture.

The new NSF grant will bring rapid expansion of the department.

SB computer expertise offered to industry

The University's Department of Computer Science in the College of Engineering and Applied Sciences is inaugurating an industrial associates program to strengthen the link between University-conducted research and industrial development in the computer field.

The department already provides research and training assistance in specific areas to some of the leaders of the computer industry, including DEC, Intel, Kodak, General Instrument, ONTEL, and Mergenthaler. Several computer science faculty have assisted in developing and offering educational programs sharing the results of their advanced research at the frontiers of computer science with scientists at Bell Laboratories.

The associates program will enable firms to participate in department programs on an annual basis and, under certain circumstances, to access on-line internal and external database networks and to send corporate researchers for an extended period of residence at the campus working with faculty and graduate students in the department's research activities.

Excellent information resources on the capabilities of existing computer technology—hardware and software—are also provided by the Department of Technology and Society and the Computing Center.

continued from page 6

MS-DOS and the UNIX system developed in the Bell Laboratories. UNIX is particularly efficient at two operations important to many computer users: it can perform several different tasks simultaneously and it can communicate easily with other computers.

A major drawback with software is that the instructions are often so complicated that hours of study and practice are required to use it. Users often must type long strings of codes that may seem to be gibberish to the uninitiated. The major technological breakthrough that software producers are hoping for will create a system in which the computer will relate pre-programmed commands to the "raw materials"—that is, words and numbers—that the user puts on the screen. Dr. Heller gives the example of a user typing a message to his accountant. Ideally, the user should be able to write the accountant's name and the message on the screen—no more than that. The computer would do the work of determining the format for the message—for example, a memo or a letter; finding the complete address and either printing the message and envelope or dispatching the message electronically.

Dr. Heller said: "The research is aimed at developing a uniform program environment in which the neophyte user in, for example, an office or home can work with the most sophisticated and complex computer/mathematical system as easily as a knowledgeable computer scientist or programmer."

The Stony Brook proposal explained: "The UNIX system...treats all data at a low level—as a stream of characters. This treatment provides an elegant way of handling physical resources. However, it is less appropriate for more structured data since it forces every UNIX application to deduce the semantic structure of a data stream separately. Thus, while UNIX is physical resource independent, it is not data independent. An operating system which can provide a higher-level, conceptual view of data for use by tools and applications would represent a significant step forward."

To develop this system, the Stony Brook research team will invent concepts for simple use and then attempt to structure the concepts in the systems software. Dr. Heller emphasized that ADONIS is not an effort at artificial intelligence. The ADONIS system will require a user to interact with the computer.

Dr. Heller said that the ADONIS system will be so programmed that a user need not know special computer commands; in fact, the computer will prompt the user through every step.

"This will be necessary for the system of the 1990s," Dr. Heller said. He envisions a computer-heavy era in which electronic filing may replace such everyday mainstays as the telephone directory, printed calendars of events, maps and perhaps even classified ads. Mail, banking and shopping will be done routinely from the home computer.

"The trick," Dr. Heller said, "is to devise a software system that can be used on all computers by anyone, a system that will be no harder to run than, say, the telephone is today." In a phone system, a home caller can reach a large corporation's central switchboard and by stating a name be transferred to a person in an office nearby. In the ADONIS network system, a user will often reach another computer without knowing where the second computer is, and from it acquire information. Dr. Heller foresees many "public databases" to which queries will be routed routinely, such as City Hall for birth records or the library for historical data.

"Many of these elements are now available," Dr. Heller said. "Getting them into a single system so that most computers understand each other, and making the system so sophisticated the most novice user can run it, is what we will be working on here at Stony Brook."

The NSF grants will be started in 1984 with an initial award of $580,000, about half of which will provide computer workstations at Stony Brook for the research. In 1985, the NSF grant will total $1,166,000, of which nearly $800,000 will go for computer equipment. The 1986 grant is projected at $1,053,000, the 1987 at $794,000 and the 1988 grant at $831,000.

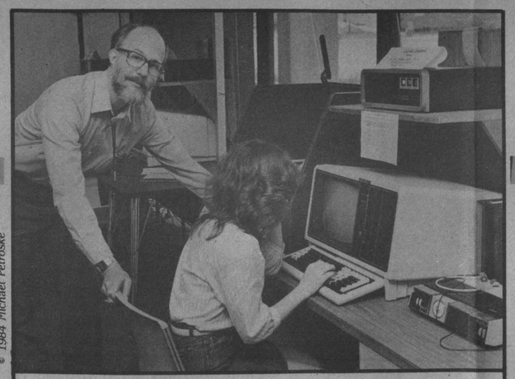
No decisions have been made about the equipment to be acquired but, Dr. Heller said, the workstations will include a variety of vendors' hardware and software in order to test the universality of the research.

Stony Brook's faculty will direct research already under way in many fields, including the following: relational editor, operating system interface, logic programming, database support for prolog, research in database systems, distributed operating systems for large nets, distributed language and communication and adaptive concurrency control.

The research projects will cover office automation, computer graphics, computer network communications, network dynamics, prolog programming, database systems, term rewriting systems and VLSI (very large scale integration) design of computer chips. Stony Brook's projects also include one applying the methodology of artificial intelligence to organic chemistry and another developing a model for understanding and learning English grammar.

Principal investigators in the Stony Brook project are Professors Arthur Bernstein, Jack Heller, Peter B. Henderson, Zvi M. Kedem, Edward Sciore, David S. Warren, Larry D. Wittie and Alessandro Zorat.

Contributing investigators are Professors Hussein Badr, Herbert L. Gelernter, Jieh Hsiang, Mark A. Jones, Alan Siegel, David R. Smith, Scott A. Smolka and Manadayam K. Srivas.



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Career Development. *James Keene, director of career development, instructs a student in the use of Discover, an interactive computerized career guidance system. It allows the user, while seated at an assigned microcomputer in the Career Development Office, to explore a wide variety of subjects bearing on the individual's career and educational future.*

For example, if a person wants suggestions for jobs which relate to specific values, interests and abilities, the Self Information section will explore each of these areas and after the user completes a self-inventory, the computer will list appropriate occupations from its bank of 425 careers.

If a person seeks a career with a great deal of travel, a high income, and a great deal of responsibility, such jobs will be pinpointed in the Strategies for Identifying Occupations section. Another part of the program lists occupations related to the course content of 194 college majors. And another section highlights specific information about potential college and graduate school choices.

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Sports. *Undergraduate twins Kathy (at keyboard) and Karen Bly input game statistics, introducing computerization to Stony Brook's varsity sports this spring. Graduate student John McClave wrote programs for basketball, baseball-softball and lacrosse-soccer-hockey which automatically total all columns, figure averages and compile accumulative statistics.*

Tryster '82, other SB alumni develop computer programs

For the past five years, Frederick Tryster's life has been spent in a Stony Brook environment.

In 1979, he was 21 years old, living in Israel, a year away from his bachelor of science degree in mathematics and physics at the Hebrew University in Jerusalem, and only four years since he had left his native Melbourne, Australia.

Then he met Rhonda Linkoff, an undergraduate student at Stony Brook who was spending a year studying and living in Israel. That chance meeting led to love, Fred's decision when he earned his degree in 1980 to follow Rhonda to the United States, and his first meeting with Professor Peter Henderson in Stony Brook's Department of Computer Science. Within two years Fred would complete his master's degree in computer science and begin work at a new high-technology industry in Kings Park that has gained the happy euphemism of "Stony Brook West." Business Solutions Inc. (BSI) has 17 employees, six of them graduates of the State University at Stony Brook. Three other alumni worked there until recently.

Now, Fred and Rhonda Tryster live with their year-old son, Shmuel, in Stony Brook, a hundred yards from South P Lot, return to campus weekly for Orthodox Jewish religious services at the University Hospital, and enjoy such family activities as an occasional visit to feed the waterfowl at Mill Pond in Stony Brook village.

For this alumnus, Stony Brook has never been far away during the past five years.

Computers span the same period for the Trysters. Rhonda served as student dispatcher at the campus Computing Center while working toward her bachelor's degree in linguistics in 1982. She also took courses that have helped qualify her for chiropractic college. Despite his background in math and physics, Fred had barely been introduced to computers when he met Rhonda. "A couple of weeks in a course was all," he says in his clipped British accent.

Carol Tompkins '83, Frederick Tryster '82, Alan Henriksen '72, Susan Liers-Westerfield '80 and Brian Macker '81 work together at a Kings Park computer firm known as Business Solutions, Inc.

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"Everyone must become computer-literate. I can't conceive of a well-educated person in the future not knowing how to make the computer work for him or her. It will be as necessary as the telephone."
Dr. George Pidot

At Stony Brook, Professor Henderson outlined a plan for Fred that included a few undergraduate courses taken in spring and summer 1981. Professor Jack Heller, who chairs Computer Science, became Fred's adviser as he worked toward his master's degree. His major thesis project was to help devise a computer concordance program for Professor Thomas A. Kerth of the Department of Germanic and Slavic Languages and Literatures.

Fred Tryster worked as a teaching assistant at Stony Brook while he studied. He and Rhonda were married in 1981 in Syosset and his desire to go into work overshadowed the consideration he had given to staying on for his doctorate. Rhonda spotted an advertisement in *Statesman* from a new firm in Kings Park. That was BSI looking for a person with qualifications that she and Fred decided fit him perfectly.

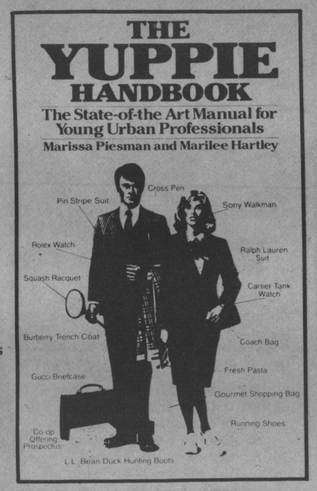
Now rounding out two years with BSI, Tryster feels quite at home. "From where I sit, I can see several Stony Brook graduates," he smiles. In fact, he is a project leader with other SUSB alumni on his team.

Other Stony Brook graduates employed at BSI, are: Alan Henriksen '72, Susan Liers-Westerfield '80, Brian Macker '81, Carol Tompkins '83 and Robert Wimpfheimer '81. Former BSI employees include Lynn Bebber '82, Wendy Eisner '81, M.S. '82, and Philip Sapir '69, M.S. '74.

Fred's first assignment at BSI was in a program then being developed for the Apple computers. This was called "The Incredible Jack," as in jack-of-all trades, and the challenge was to bring into a single program the until-then separate computer software functions of text processing, calculations and file management. "The Incredible Jack" turned out to be just that for the team that included Tryster. Its nine-month effort made the Apple program one of the most popular on the open market. *Softalk* magazine ranked it No. 5 in sales at one point.

Recently, Tryster's team has been at work on "Jack 2," which goes on the market in June for the Apple IIe and the new Apple IIc computers. His team also helped with Jack 2 for IBM, which was introduced last November.

Alan Dziejma, who began BSI in his basement in October 1980, was a pioneer with a dream that is coming true. Fred Tryster likes the spirit and tempo of the organization. And he is grateful for his Stony Brook background. "It was hard work," he says of his graduate program here, "but it was nice. The faculty, especially Dr. Heller, were most accommodating and helpful."



Alumna says yuppies must have computers

The well-versed yuppie must be "familiar with the state of the art in home computers," according to *The Yuppies Handbook: The State-of-the-Art Manual for Young Urban Professionals*, co-authored by Marissa Piesman '72, a New York State assistant attorney general in the real estate financing bureau, and Marilee Hartley, an editor.

"Tongue firmly in chic," as *Time* wrote of their venture, the authors chronicle the trendy lifestyle of the upwardly mobile cosmopolitan.

Yuppies are told: "It is absolutely imperative that you develop familiarity with the following terms. You must be able to use them with a casual fluency that belies the hours you've spent learning what they mean." The list includes "menu driven," "computer literate," "interfacing," "bits and bytes" and "user friendly."

In the section on "personal interfacing," the book notes that an acceptable Yuppie wedding gift is "software: writing a special program for the couple's home computer is today's equivalent of yesteryear's homemade quilt."

The book lists computer programmer and systems analyst as highly rated Yuppie professions but at the top of the list is a "progarammer who's invented a new computer."

In yuppie "living spaces," a media room should house a "personal computer terminal: The more sophisticated the model, the more impressive you will look while playing Cosmic Cruncher. If there's any possible chance you'll have some use for a word processor in the next ten years, buy one immediately. Make sure the printer is IBM Selectric quality so notes to your cleaning person will look like high-powered resumes."

In a yuppie "workspace," "furniture for use with computers must achieve 'maximum effective machine integration.' In other words, your furniture and your Apple II are almost indistinguishable."

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Dr. George Pidot, Jr., director of computing

The Computing Center: an exciting place to be

Dr. George Pidot, Jr., director of computing, has said, "Entirely reasonable and modest assumptions in the model for Stony Brook computing lead to the conclusion that the general computer power available to students and faculty in the institution must at least quadruple within the next few years and nearly quadruple again by the end of the decade."

One thing Dr. Pidot has done to help ease Stony Brook into the computerized future is to start a Micro Lab under the direction of Allan Steele. The new lab is a showcase and test area for micro hardware and software and a place where journals on micros and personal computers can be read. At the moment, Steele is monitoring a new system called DEC-Talk, by Digital. Not only does it have a variety of human-sounding voices, but they identify themselves by name ("Hello, I'm Betty").

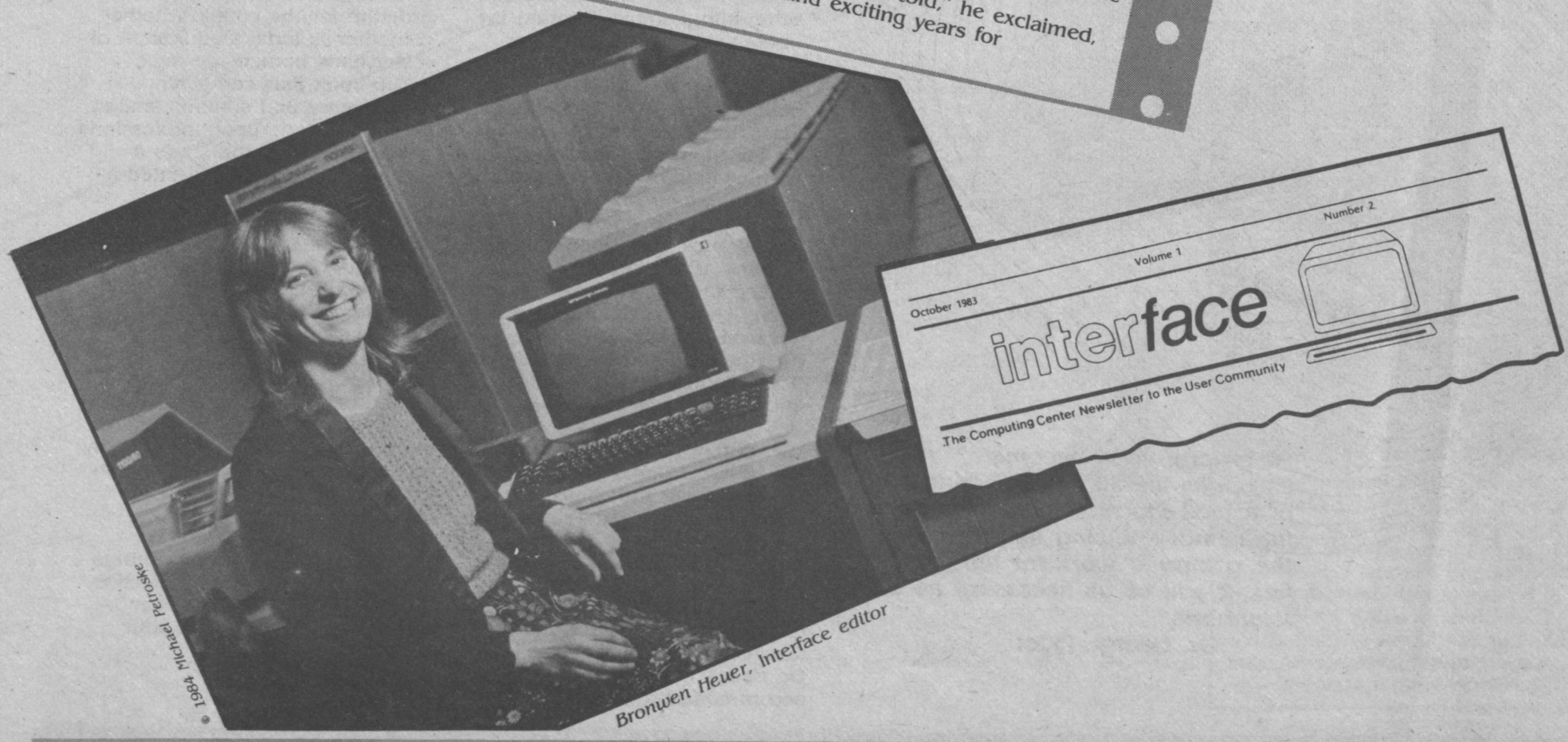
Another thing Dr. Pidot has done to help make order of the current tumult is to start a new campus publication called *Interface*, which is edited by Bronwen Heuer. Her aim, she says, is to "somehow bring together what we refer to as the user community, disparate as it is." It is packed with news and illustrations about new computer developments at Stony Brook. Many of the items on these pages first appeared in *Interface*.

From the columns of *Interface* we learn that:

- Dr. Reginald Tewarson of Applied Mathematics and Statistics has created a model of the human kidney on a computer.
- Daniel Wartenberg, a graduate student in the Department of Ecology and Evolution, generates maps using a simple interactive computer cartography system called DMAP.
- Professor Michael Schwartz of the Department of Sociology has been using the computers to add fuel to an ongoing debate among sociologists over the distribution of power in modern industrial society. He and colleagues determined that 989 of the 1,131 largest corporations in America were interlocked by shared directorates in 1962. Dr. Schwartz said, "this is the kind of work that would not even have been conceived of before large mainframe computers."
- Stony Brook's Computer Advisory Committee (CAC) comprises more than 40 representatives from user departments. The committee is chaired by Dr. Mortimer Shakun of the School of Dental Medicine. With the increased use of computers over the past few years, the CAC's most significant function has been to provide for adequate distribution of computer time for academic computing.
- The Computer Policy Advisory Board (CPAB) is concerned with advising the administration on questions of computing policy and long-range planning. Dr. Jerry Whitten of the Chemistry Department chairs the CPAB. This board has established guidelines for campus facilities as part of the planning for the next generation of computers.
- Computer users are forming into informal self-help units such as the Apple User Group and the Long Island Local User Group (for DEC users). Even as the campus races toward computer automation, planning continues for more change and progress. Headed by Professor David L. Ferguson of the Department of Technology and Society, a group has been formed to "help students develop the skills to use the computer for general purposes...(and to) stimulate students' thinking about the societal impacts of the use of computers"; to show how the computer literacy environment can be linked to the instructional, research and service aims of the University and to outline ways for making the goals a reality. This committee helped with the selection of the six sites for Project SINC as one of its early functions.

Ahead lie many additions to Stony Brook computer networks. In one project already in advanced planning, this campus will acquire a common software and hardware environment for administrative computing with the other major campuses in the SUNY system, including SUNY Central in Albany. Integrated communications and data gathering are just two of the benefits being predicted.

Dr. Pidot recently summarized all this activity. "All told," he exclaimed, "1984 will be one of the most innovative and exciting years for computing at Stony Brook."



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Bronwen Heuer, Interface editor

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Richard Knutson, computer operator

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Phyllis Taylor, tape librarian

Mary Aumiller, computer operator

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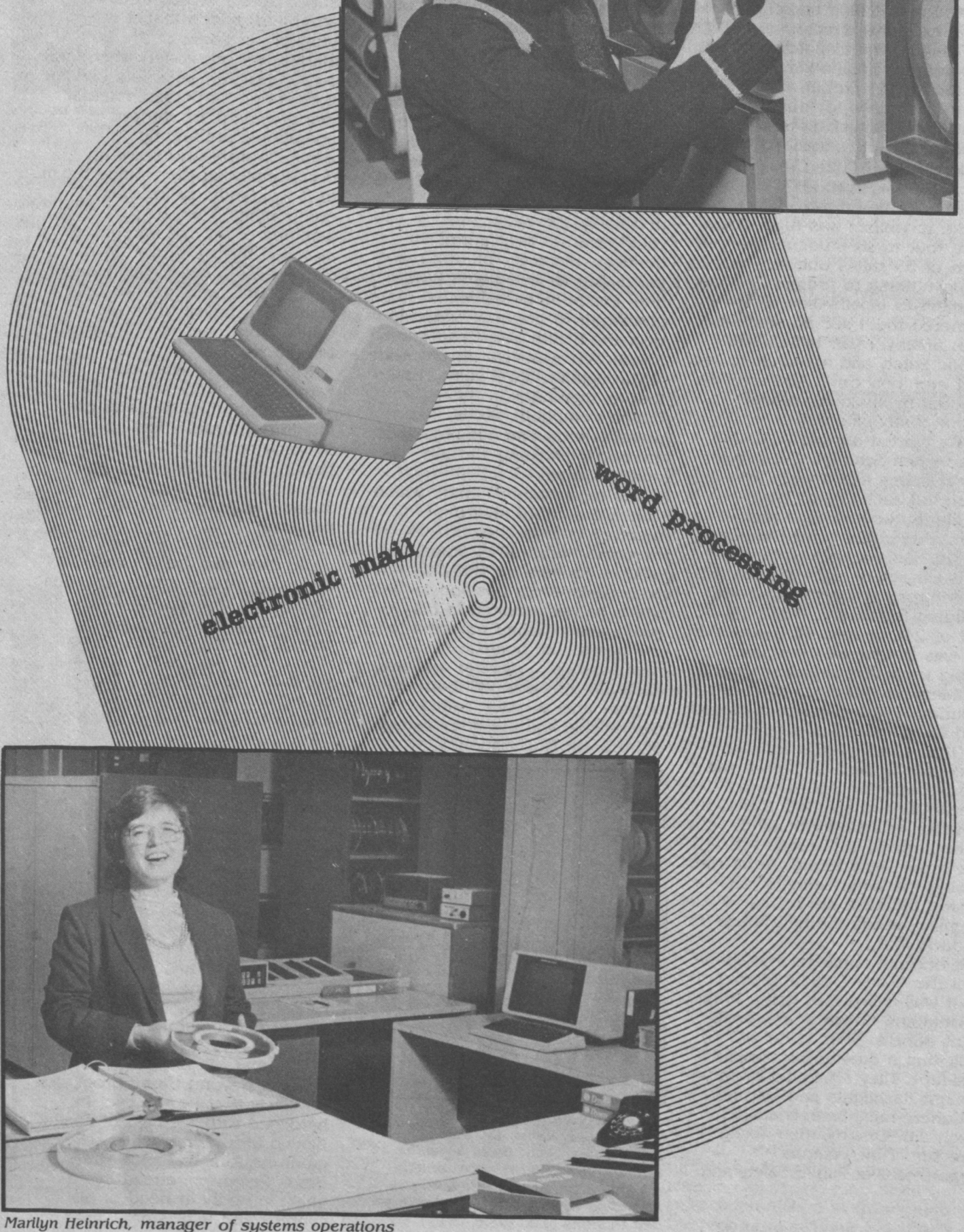

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Marilyn Heinrich, manager of systems operations

As You Like It Computer Portraits

Computer makes sure your dog's not a dog

By Marianne Kolbasuk

He was living alone in a three-room apartment and looking for companionship. She had long, silky gold hair and big brown eyes. For him, it was love at first sight.

Apartment life didn't suit her. She was active and needed room to exercise. His friends had tried to warn him before he took her home, but he wouldn't listen.

He couldn't resist her big, floppy ears. But his friends were right; she wasn't the dog for him.

If Dr. Randall Lockwood had helped him "choose-a-pooch," he might have known that the retriever was all wrong—a small terrier or poodle would have been a better match.

"Most people choose a dog for the wrong reasons," said Lockwood, an assistant professor of psychology at the State University of New York at Stony Brook, who specializes in animal behavior. "People may pick out a dog because they think it's cute, but when they take it home and keep it for awhile, they find out it's not the right type dog for them."

Lockwood is the creator of "Choose-a-Pooch," a computer program that helps prospective pet owners "choose the right dog." Based on the answers to 12 questions, the program lists the 10 best types of dogs for an individual. The program can also evaluate and rate the probable success of relationships with dogs not on his top 10 list. It's kind of like computer dating.

"The program has been especially helpful with people who couldn't make their minds up between two or more dogs," Lockwood said.

Bide-a-Wee Homes, which runs pet adoption centers in Wantagh, Westhampton and Manhattan, has given the program a trial run, and it "has proven to be quite a success in helping us match dogs to owners," said Susan Brooks, spokeswoman for the agency.

Donna East, 23, of Massapequa, was at the Wantagh Bide-a-Wee home this week and tried out the program. She wanted a terrier and the computer said it would be a good match. "So far we've only had a hamster at our house," she said. "I'd like the computer to help me make a choice, except my mother has allergies and I guess the final decision will be based on that."

Despite his success, Lockwood's not ready to expand into cats: "They're temperamental no matter what type you pick out."

HSC Photography Service

Always in pairs, a VRDP patrol at Stony Brook uses flashlights and radios on routine check of residence halls. The trained volunteers are non-uniformed and do not investigate incidents or attempt to settle problems; they call the University's Department of Public Safety when assistance is needed.

Desire to help others led to Volunteer Resident Dorm Patrol

As a kid growing up in Bayside, Queens, Steven M. Cohen and a few friends formed POTU—Protectors of the Universe. Their universe was their neighborhood; the protection was limited only by the range and speed of their bicycles and, just as often, their imagination.

Steve Cohen's desire and determination to help others was already taking shape in his early teen years. And so it was not unusual when a somewhat older Cohen arrived on the Stony Brook campus that he should be sensitive to his new universe and to the protective services offered by the campus community.

Cohen graduated in May with a bachelor of arts degree but he has left behind an organization far stronger than his childhood POTU. Remaining at Stony Brook is VRDP—the Volunteer Resident Dorm Patrol. Before he departed, Steve Cohen was honored as the founder, spirit and, for most of the past four years, the chief executive officer of the Patrol.

VRDP has grown far beyond the small universe that Cohen explored as a freshman in the fall of 1980. He lived in the residence hall called Kelly C thoughout his four years at Stony Brook, but his efforts at creating a self-help student safety service have grown from a single building in one quadrangle to all seven residential quads and now, to the entire campus.

Gary Barnes, director of Stony Brook's Department of Public Safety, said, "The Volunteer Resident Dorm Patrol has become an important part of campus safety and security. The students can take pride in calling themselves 'the eyes and ears of Public Safety.' As for Steve Cohen, he is most responsible for the success of VRDP, an outstanding young man who will be missed."

The Patrol program is now an established entity. Upwards of 200 students serve the entire student body of 16,000 in an average week during the academic year. Carrying flashlights and radios, they tour campus areas where Stony Brook's 7,000 resident students live. They conduct an escort walk service and provide security service on request at several public functions each week.

As eyes and ears for Public Safety, they do not attempt to halt any wrongdoing they may observe nor to involve themselves physically. Using their portable radio units, they inform their central dispatching station. Lillian Tom, executive director for VRDP, explained: "The dispatcher then handles the situation by contacting the proper authorities. At no time does (or may) the patroller endanger himself by dealing with the situation directly."

Here's Steve Cohen telling how the VRDP was formed:

"When I moved into Kelly C in 1980, vandalism was high. There were four to six students living in each of 38 suites but they were doing nothing to protect themselves. Apathy has always bothered me. I see no sin worse than apathy. I had talked with Public Safety and a lieutenant had told me, 'How can 1,100 acres be covered by six (on one shift) public safety officers?'

"We started out with only four of us—Ken Schmidt, Drew Freid, Jared Isaacs and myself. We figured if each of 240 (Kelly C residents) would pull a shift a month we could cover the dorms for 70 hours a week, from 7 p.m. to 5 a.m. every night. We got 160 signatures on a petition to our building legislature. That's 160 out of 240 people! All I wanted to do was to take all the venom being used to complain about the problem and to direct it toward a solution. The legislature approved and we were on our way.

"That spring, 1981, 150 residents worked on patrol. The result: zero fire alarms, zero blackouts and only two thefts, one of which was solved instantly as a patrol caught the burglar leaving the room. We suddenly went from having the worst campus stats to having the best. We expanded and began covering the Kelly Quad parking lot."

It became apparent that spring that the "Kelly C Security Patrol," as it was called, was going to be permanent. Cohen and Schmitt went door to door in Kelly C soliciting a quarter from each resident. They colleted $23 and bought flashlights and whistles.

Cohen, meantime, consulted Hugh J.B. Cassidy, then acting director of the campus Department of Public Safety and **"one of the finest human beings** who ever existed." A retired veteran of the New York City Police Department, "Joe" Cassidy welcomed the student patrollers into the campus safety family. He helped get the patrol leaders together with University President John H. Marburger and the vice presidents. He provided some clerical services and stationary, found the money for a few portable radios and in his fatherly way lectured the youngsters on their proper role.

"I didn't want them to get hurt," Cassidy recalls. "Steve and the others were fine young people with all that energy and a big dream. I encouraged them to direct their efforts to self-help in cooperation with Public Safety. I'm eternally grateful to them, for it has turned out better than I ever dared hope." In turn, the students have shown their gratitude to Cassidy, presenting him a lifetime membership in VRDP this spring. (Dr. Cassidy, who earned a master's degree at Stony Brook in 1974, is on the Alumni Association Board of Directors.)

By the fall of 1981, incidents in the Kelly residential quad were reduced by 75 percent as patrols expanded to all five buildings—even though residents in one of them did not participate. When reported incidents in a nearby quad (Stage XII) increased noticeably, the Kelly crew volunteered to help patrol the buildings there. By fall 1982, the patrol had its new name (VRDP) and, except for a residential quad given over to graduate students near the Health Sciences Center (Stage XVI), was now campus-wide.

Throughout, VRDP has stressed that its members, in Steve Cohen's emphatic words, "are not police officers, are non-physical, are non-intervening and are non-uniformed."

The organizational chart, which Cohen draws quickly from memory, is topped by an executive board of 11 student officers. As the first and only commissioner—a position to which he was elevated in his senior year—Cohen reported to the board. The board's 11 members are a director and five assistant directors, of whom one is personnel director, called Operations, and five administrative officers. Dr. Paul Madonna, **assistant vice president for** administration, serves as financial consultant.

Operations schedules routine patrols and assistance at special events. At Tabler Quad Fest, for example, VRDP had 50 volunteers on hand.

VRDP, says Cohen, is proud that it can use any talent made available. He ticks off some examples: a journalism student who was assigned to write newsletters, a pre-med student who helped in first aid training and a radio electronics specialist who coordinates the communication network's 20 portable units and base radio.

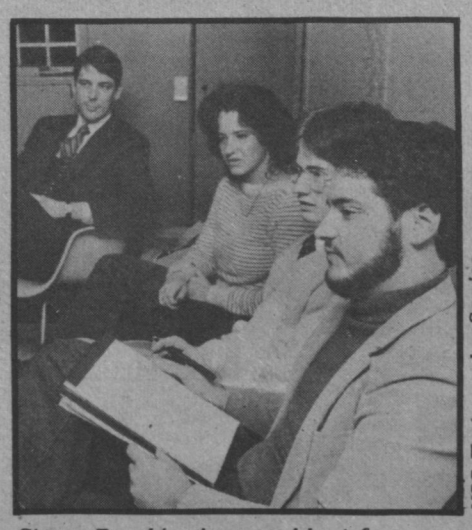
There is also a public affairs specialist who helps with community relations and, especially important to Cohen, with developing internal strength. "We are one team and we have one goal," Cohen asserts. "There is no competition among quads or patrols."

Indeed, the patrols—20 field supervisors and 60 patrollers—are so well-organized that it is not unusual for some of the 900 alumni to work a shift when back on campus. Public Safety Director Barnes and Dr. Robert Francis, vice president for campus operations, are among administrators who show up occasionally on the routine 8 p.m. to 2 a.m. shifts or for special events shifts from 10 p.m. to 6 a.m. Any of the volunteers may be assigned by one of the 14 radio dispatchers to walk escort duty. This service averages two calls a night for a patrol to escort the callers from one part of campus to another.

The Volunteer Resident Dorm Patrol also participates in the wider community on Long Island, monitoring Citizen Band channel 9, which covers an area from Hauppauge to Riverhead, and serving as a member unit of the Three Village Neighborhood Watch program.

If this sounds like grim "cop work," that may be because only the patrol duties are in the public eye. In fact, a major part of VRDP's attraction for some students may be the social and recreational activities the group provides. Lillian Tom, listing benefits of membership, emphasizes the non-work parts: "The chance to socialize, provision of a recommendation source for graduate school, a chance for you to demonstrate your sense of responsibility and your concern for the welfare of the community, and free entrance to (and special status at) special events and parties. All we ask in return is...a negotiable minimum of two hours per week for VRDP duties."

Steve Cohen has gone on now to another venue but, in a way, he's still pursuing that Bayside dream as Protector of the Universe. Now he's headed for law school and his universe has widened beyond Stony Brook. It's not likely that he will ever be burdened with the "sin of apathy." Behind him is the active self-help group he founded as a Stony Brook freshman; ahead lies a universe badly in need of his concern and activism.



HSC Photography Service

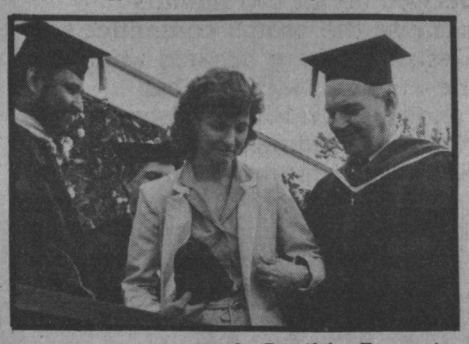
Stony Brook's vice president for campus operations, Dr. Robert Francis (rear, left), takes an active interest in the VRDP, occasionally walking a patrol and frequently attending executive board meetings like this one with students (left to right) Sharon Krass, Thomas Boland and VRDP founder Steve Cohen.

Widow accepts Ph.D. for late husband

Christopher Bernert would amuse his admiring doctoral degree adviser, Professor Hanan C. Selvin, by bursting into his Stony Brook office regularly to report, "I have found the most wonderful source." Dr. Selvin says, "He was a committed scholar who continued his research long after having acquired enough for his dissertation."

Chris Bernert had prepared the material for his dissertation, the final requirement for his Ph.D. in sociology, and was about to assemble it when he drowned in 1982 in Pacific waters off Oregon.

Professor Richard Williams of Sociology led the faculty's



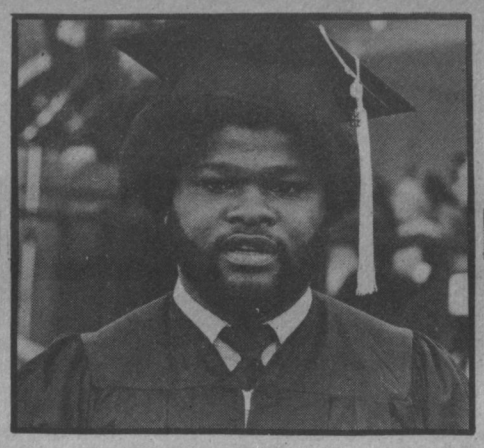
Provost Homer Neal, Cynthia Bernert and her husband's adviser, Dr. Hanan C. Selvin.

determination to put the dissertation in acceptable order and Dr. Norman Goodman, head of the Sociology Department, and Dr. David Glass, vice provost for graduate studies, approved the committee's request to grant the degree posthumously.

The doctoral hood was presented at commencement to Dr. Bernert's widow, Cynthia. She was here from her home in Aurora, Ore. where she lives with her four children.

Meantime, the department has begun arrangements to have Dr. Bernert's voluminous files made a permanent part of Stony Brook's special collections for the benefit of future scholars.

All in the Family. *Frances Brownstein is the third member of her family to earn a Stony Brook degree. The first two were her children: Irving Brownstein '73 and Elfreda Brownstein '74. The 56-year-old retired therapy aide majored in social welfare.*



Former convict takes top honor

The University's most prestigious service award to a graduating senior was given to Roderick Owens, a 26-year-old Florida native who once spent nearly four years behind bars.

He received the William J. Sullivan Award. Among his many achievements at Stony Brook has been the founding of a group called Stony Brook at Law, an organization to encourage the developing interest in law of undergraduate students. Rod has been accepted at several law schools, including Yale.

He comes to his special interest in the law through direct involvement. As a Florida teenager, he was convicted of a crime and sentenced to 30 years in prison. He denied involvement in the felony (a gas station robbery), wrote his own appeals and eventually won release after 47 months. During that time, he earned 82 credits and an associate of arts degree from Brevard County Community College.

While serving as a law clerk in jail, he determined he would seek a career in law. At Stony Brook, Rod Owens' activities have kept high his determination to move formally into the law studies that he began in his own defense nearly seven years ago.

In addition to the Sullivan Award, Owens received two other awards: the first Senior Leadership Award, made possible by a gift from Babak Movahedi '82, a Washington, D.C. real estate entrepreneur, and an Undergraduate Excellence Award for his work in founding both Stony Brook at Law and UNITI, the new minorities center on campus.

5 awarded honorary degrees

Honorary degrees were conferred on five distinguished leaders in mathematics, art, literature and the sciences at Stony Brook's May 20 commencement. This was the second year that degrees awarded by the SUNY Board of Trustees were conferred at Stony Brook.

The recipients were:

—Dr. Lipman Bers, a noted mathematician and international activist in human rights, an honorary doctor of science degree. Seven theorems bear his name. Since 1980 he has chaired the National Academy of Sciences' Committee on Human Rights.

—Lee Krasner, a celebrated American artist who has lived in East Hampton since 1945, an honorary doctor of arts degree. She and her late husband, Jackson Pollock, inspired both abstract expressionism and the East End's artist colony. A major retrospective of 190 pieces of her work is now on tour. She was too ill to attend the ceremony and received the degree in person from Dr. Marburger a few days later. She died June 19.

—Dr. Henri Peyre, one of the world's foremost experts in French literature, an honorary doctor of letters degree. He founded the Graduate Department of French at New York University, where the Peyre Institute for the Humanities was named in his honor.

—Dr. Sarah Ratner, a research biologist and pioneer in amino acid metabolism research, an honorary doctor of science degree. Known to her colleagues as "a scientist's scientist," she continues her work at the Public Health Research Institute in New York City.

—Dr. Sewall Wright, a pioneer in genetics and population biology, an honorary doctor of science degree. He is credited with formulating the theory of inbreeding as applied in agriculture and medicine and with devising the statistical method called path coefficients now widely used in biology and social sciences.

Hurray! *Wheelchair-bound Patricia Ferro has a lot to be proud of: a hard-earned M.S.W. degree and the Stony Brook Foundation Award given her by the School of Social Welfare.*

Dr. Lipman Bers, Lee Krasner, Dr. Henri Peyre, Dr. Sarah Ratner, Dr. Sewall Wright

Photos by HSC Photography Service & Charles A. Marshall

24th Commencement Honors 4000+

The numbers were impressive:

—4,031 candidates for degrees, nearly 2,800 of them undergraduates.

—12,264 folding chairs set neatly in ever-widening rows facing the flower-bedecked platform.

—Eighty-five new doctors of medicine, 27 new dentists and 249 who earned doctor of philosophy degrees in more than a dozen academic fields.

Stony Brook's 24th commencement was carried out on May 20 under storm clouds that, President John H. Marburger noted near the end of the 95-minute ceremony, "we're racing with." Thousands of cameras, including at least two video cameras, recorded hundreds of thrown caps, thousands of formal poses with parents and millions of hugs and kisses.

There were the usual instruments of celebration: balloons, confetti and, in one section of the huge gathering on the Athletic Field, a bottle of champagne and three glasses held high.

It was a cheerful gathering that enjoyed good-natured references to academic pitfalls and pointed swipes at the outside world. There was a rueful cheer from the mathematics majors when President Marburger introduced the commencement speaker, Dr. Lipman Bers, and referred to his major contributions to "partial differential equations." And there were nine interruptions for applause as Dr. Bers directed his address, on human rights, against all governments—including the United States and Soviet Union—that deny citizens full freedom.

The greatest applause came when he alluded to U.S. policy toward "friendly and unfriendly dictators." He said: "During the past few years, we have often been admonished to distinguish between human rights violations committed by hostile 'totalitarian' governments and those committed by friendly 'authoritarian' governments. The former were to be condemned loudly; the latter were to be treated like regrettable imperfections. I believe, to the contrary, that only a truly even-handed approach can lead to an honest, moral and successful human rights policy."

Dr. Bers concluded: "Graduates of the Class of 1984: Two distinct but not contradictory tasks face us—to contain, control and eliminate nuclear weapons, so as to ensure the survival of our species, and to eliminate the worst forms of brutal oppression, so as to make our species truly human. My generation, the generation of your grandparents, did not fulfill these obligations. If they are not accomplished by the generation of your parents, they will fall on your shoulders. Good luck."

Lonnie Kaufman, an anthropology major from Great

Neck, was chosen from a dozen applicants to give the senior commencement address. Reflecting on his Stony Brook experiences, he said: "When you look back at your life at Stony Brook, I think you may be fooling yourself if you judge any of your experiences worthy or deplorable. I do not think that I regret many experiences here; rather, I really regret those things I did not do, and thus missed the opportunity to experience."

President Marburger presented University Awards to six graduating seniors. The Ward Melville Valedictorian Award went to Jeffrey Kaufman, a double-major in electrical engineering and biochemistry, and Stephen T. Mernoff, a biochemistry major, each with a 3.98 grade point average. The H. Lee Dennison Valedictorian Award, given for high academic achievement by transfer students, went to Robin P. Feinman and Elizabeth A. Newman, both of whom had perfect 4.0 records at Stony Brook.

Roderick E. Owens, who founded the campus pre-law society, Stony Brook at Law, was awarded the William J. Sullivan Award and Katherine H. Ciacco, whose public service covered on- and off-campus civic and religious organizations, was given the Distinguished Community Service Award.

Graduate students presented awards for excellence in teaching by Dr. Marburger were Donna DiDonato, Irwin Kroot, Freddie Santiago, Debra Swoboda, Robert Wedinger and Jay Williams.

Dr. Marburger had a few words for the gathering: "Stony Brook understands its role in society and accepts the challenges thrust upon it." He cites the 40,000 alumni "who are competent to meet the world on its own terms. They have been successful, and you will be, too."

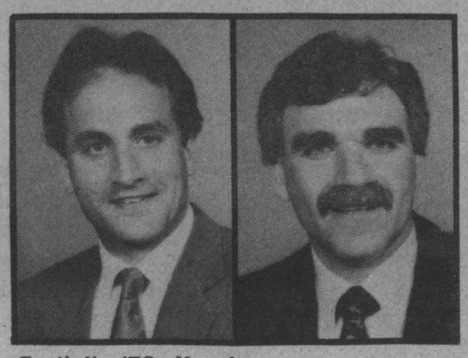
Dr. R. Christian Anderson, who chairs the Stony Brook Council, brought the central ceremony to a close with an admonishment: "Hold the posture of, think of yourself always as, a student." There were assenting cheers.

From the recessional, most of the thousands went to the many school and departmental gatherings, where there were more awards and speeches. Speakers included U.S. Rep. Thomas Downey; David Rothenberg, executive director of the Fortune Society, an organization for former prisoners; and Karen Burstein, who heads the N.Y. State Civil Service Commission.

As dusk fell on the warm spring day of Stony Brook's 24th commencement, the event had won its race with the rain clouds. And now those 12,000 chairs were being removed and the campus was getting prepared for summer session to begin on June 4. Ahead lies the silver anniversary of the first commencement, the 25th in 1985. Those who participated in the 24th would undoubtedly agree that it will have to go some to surpass the 1984 activities.

FACULTY NOTES

Sidney Strickland, associate professor in the Department of Pharmacological Sciences, has been selected as the William J. and Florence M. Catacosinos Professor in Cancer Research for 1984...***Marc Golightly,*** assistant professor of pathology and head of immunology, has been chosen for the Catacosinos Young Investigator Award...***Penny Wise Budoff,*** clinical associate professor of family medicine, was one of three prominent authors who addressed *Newsday*'s Spring Book and Author Luncheon in April at Colonie Hill, Hauppauge. She is the author of *No More Hot Flashes and Other Good News,* a health-care handbook for women over 35...***Lynn King Morris,*** Ph.D. '83, director of foreign student affairs, will have a major portion of her doctoral thesis, *Chaucer's Sources and Analogs,* published this summer by Garland Press, New York City...***Joseph A. Tursi,*** chairperson of the Department of French and Italian, has been appointed associate editor of pedagogy for *Italica,* the literary journal of the American Association of Teachers of Italian. Dr. Tursi recently completed a second two-year term as President of the American Association of Teachers of Italian...***Peter Winkler,*** associate professor of music, is one of three authors of "Professionally Speaking," a musical revue which has been playing at Griswold's Cabaret, Theater Three, in Port Jefferson. *Newsday* said it was "about the hopes and travails of people in various professions, mainly medicine, education and law...a pleasant evening with songs that score occasionally and rhyme relentlessly"...CED professor ***Jane Porcino,*** author of *Growing Older, Getting Better,* was a delegate to the recent White House Conference on Aging. She has been speaking to local groups about aging. She has been appointed by U.S. Congressman Robert J. Mrazek to his Health Care Advisory Board and by Suffolk County Executive Peter Cohalan to his Task Force on Aging...***Seymour Cohen,*** distinguished professor of pharmacological sciences, has been named an honorary citizen of Montpellier, France, in recognition of his scientific achievements in the field of molecular biology. The medal was presented to Dr. Cohen at a special reception in his honor by the city's mayor, while Dr. Cohen was in France to confer about chromosome structure with Professor Joseph Parello who serves at the University of Montpellier...***Edmund J. McTernan,*** Dean of the School of Allied Health Professions has been designated president-elect of the American Society of Allied Health Professions. He has also been chosen the 1984 recipient of the J. Warren Perry Allied Health Leadership award in recognition of his contributions to allied health education. The award, first established in 1980 by the School of Health Related Professions at the State University of New York at Buffalo, is awarded annually at the school's commencement to individuals who play a significant role in advancing allied health...***Elias L. Rivers,*** professor of Hispanic languages, is the author of a new book, *Quixotic Scriptures: Essays on the Textuality of Hispanic Literature,* published recently by Indiana University Press. He has been re-elected to a three-year term as vice president of the International Association of Hispanists...***Robert S. Sokal,*** professor of ecology and evolution, has been awarded a Fulbright-Hays grant to lecture at the University of Vienna for six months on population biology...***Edward M. Gould,*** M.D., assistant professor of clinical psychiatry, School of Medicine, has been appointed to chair the Department of Psychiatry at Nassau Hospital effective July 1...***Konrad Bieber,*** professor of French and Italian, was one of only a few men invited to participate in a conference on women, "After the Second Sex: New Directions," conducted in April at the University of Pennsylvania. Dr. Bieber spoke on a panel, "Simone de Beauvoir: Living and Writing"...***Paul Lauterbur,*** professor of chemistry, participated in a seminar on medical physics for science writers at the spring meeting of the American Physical Society at Washington in April. He spoke on nuclear magnetic resonance imaging, a field in which he is recognized for his pioneering work...***Dorothy Headley Knox,*** clinical associate professor and director of the Council on International Programs at the School of Social Welfare, was honored as Woman of the Year in April by the Bedford-Stuyvesant Community Mental Health Center in Brooklyn. Dr. Knox, former director of the center, visited youth agencies in West Germany in April to establish a student exchange program.



Castiglie '79, Kornhauser

Alumnus Among New Coaches Named

A Stony Brook alumnus and a Brooklyn native have been appointed to major coaching positions at Stony Brook.

Joseph Castiglie '79, a 5-foot 9-inch guard and captain of the 1977-78 Patriots, has been appointed head coach in basketball and Samuel B. Kornhauser, a former Brooklyn high school coach with five years' experience in Division III, has been named head coach in football.

Castiglie has been Stony Brook's assistant coach the past year. He taught in the summers of 1981-83 in basketball camps in North Carolina, New York and Pennsylvania, the latter run by Rollie Massimino of Villanova, who was Stony Brook's head coach 1971-73. Castiglie served also as assistant basketball coach at Smithtown High Schools West and East prior to joining the Stony Brook staff. He succeeds William R. (Dick) Kendall, whose six-year head coaching won-lost record at Stony Brook was 95-65.

Kornhauser has been assistant coach and defensive coordinator the past five years at Norwich University in Northfield, Vt. That private military school, with an enrollment of 1,200 is generally acknowledged as having one of New England's better Division III football teams. Coach Kornhauser was on campus May 15 to meet with the team, assistant coaches (all incumbents have been asked to remain through the 1984 season) and the media.

The football appointment was delayed about two months because the search committee's first efforts were negated when the nominee withdrew his candidacy. Under Professor Norman Goodman of the Sociology Department, the committee reopened the search that led to the appointment of Kornhauser, effective July 1.

Sports Awards Presented

Three-sport coach Gary Westerfield and the 1984 Metropolitan New York-New Jersey women's basketball coach of the year, Declan McMullen, were named Stony Brook's coaches of the year by *Statesman.*

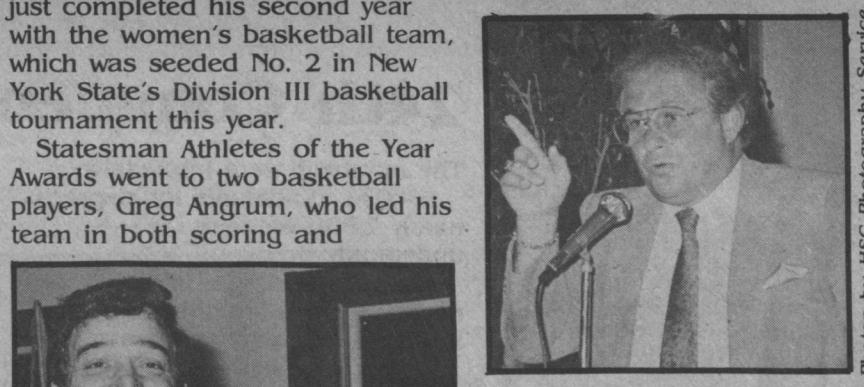
The awards were among 56 presented May 8 at the fourth annual Athletic Awards Banquet. Nearly 450 people, including former basketball coach Rollie Massimino (1971-73), crowded into the Harbor Hills Country Club in Port Jefferson for the banquet and awards ceremony. Massimino, head coach at Villanova the past 11 years, was the evening's main speaker.

Coach Westerfield, who directs men's cross country and both the winter and spring track and field teams, has been at Stony Brook four years. Coach McMullen has just completed his second year with the women's basketball team, which was seeded No. 2 in New York State's Division III basketball tournament this year.

Statesman Athletes of the Year Awards went to two basketball players, Greg Angrum, who led his team in both scoring and rebounds, and Michele White, who was tops in scoring and assists.

Jack Guarneri '68, vice president of the Alumni Association, president of the VIP Booster Club and long active in alumni sports, was presented the VIP Service Award by Sandy Weeden, VIP executive board member and director of women's athletics.

The Alumni Association Senior Awards, given to graduating students for excellence in academics as well as sports, went to Bjorn Hansen, a two-time All America swimmer who earned a 3.82 grade point average while completing an applied mathematics and statistics major in three years; and to Kay Wilhelms, co-captain of the volleyball team and a 3.7 scholar in biology.



Photos by HSC Photography Service

Rollie Massimino recalls his first collegiate coaching in 1971-73 at Stony Brook. Above, Denise Coleman '77, Alumni Association Director, presents the Association's Senior Awards to Kay Wilhelms and Bjorn Hansen. Left, Jack Guarneri '68 receives 1984 VIP Booster Club Service Award from Sandy Weeden.

CLASSNOTES

64 Dr. ***Anton Haug*** is conducting research in ocean acoustics and signal processing. He lives in Columbia, MD with his wife and two children and is involved with various community organizations such as Commissioner of Youth Basketball League...Dr. ***Lynn Stiles*** is now director of energy studies and is teaching at Stockton College after working on acid rain research at the University of Illinois.

70 ***Richard April,*** associate professor of geology at Colgate University, has been invited by Sweden's National Science Research Council to work in that country as a visiting scientist. April plans to work on two areas, one researching the effects of acid rain and another examining glacier deposits...***Barry Harrow*** writes, "Who remembers G Lounge and the first year of Roth and the Dragon? Where is Mayssi?"

71 ***Bart Davis*** announces the publication of his second novel, *A Conspiracy of Eagles,* to be released by Bantam Books in June...***Sharon (Ryles) Goldstein*** is a computer analyst on temporary leave (9 years) to raise Howard, David and Jonathon, with a little help from her husband Charles, a radiologist.

72 ***Pierre Bierre*** (formerly ***Peter Beers***) and Sondra Poterline '77 were married last June in California. They have founded an artificial research company, Clairvoyant Systems, specializing in sensory learning machine research. Pierre writes "My science education at the Brook taught me to question fundamental beliefs and to think big."...***Deborah Kerzer King,*** formerly a teacher of special education, has been named administrative assistant for business and administrative services in the Copiague School District...***Lou Mazel*** is no longer active in the Boston Chapter. His work in the Foreign Service is taking him overseas. Maybe he can start a chapter in Upper Volta...***Henry Pontell*** received three degrees from Stony Brook, his B.A. in 1972, M.A. in 1974 and Ph.D. in 1979. Currently he is an assistant professor of social ecology at the University of California at Irvine. Indiana University Press has just published his new book, *A Capacity to Punish—The Ecology of Crime and Punishment*...***Alan Zimmermann*** has been named treasurer of Telecote, Inc., the leading provider of electronic financial information on fixed income and money market instruments in the U.S.

73 ***Christine Grossman*** has been given a temporary appointment as academic computing coordinator at Schenectady County Community College. She will also teach two courses in computers and offer workshops for faculty and staff...***Dennis Haver*** joined Royal Insurance's legal department in 1977 as an attorney. He has just been named assistant corporate secretary and will retain the title of counsel...***Thomas F. McCoy*** has been named an officer of Corporate Scanning, Inc., and vice president of marketing for NY Diagnostic Centers, a medical service company that specializes in providing medical evaluations and preventive health programs to groups and individuals through centers in Syosset, Hauppauge and New York City...***Thomas Monteparo*** is a field engineer/sales manager for Griswold Industries and is a real estate investor on the side...***Bradford Novak*** is the new director of administration and professional services at Delaware Valley Hospital...***William Siroty*** received his M.D. from Georgetown University in 1977 and is currently in private practice in Manhattan specializing in allergy and clinical immunology and internal medicine.

74 Dr. ***Jeffrey C. Levenkron,*** assistant professor of psychiatry at the University of Rochester Medical Center, has been elected a Fellow of the Council on Epidemiology of the American Heart Asssociation.

77 ***William Vrana*** writes in to announce his engagement to Barbara Klaritch.

78 ***Douglas Ford*** has just returned from a year and a half in Hawaii with his wife and is now writing a book...***Carl S. Hirsh*** has been promoted to vice president of marketing and productions at the Spectrum, where he has been on staff since 1981. He will continue to function as director of marketing for the Philadelphia Flyers...***George Lasker*** is employed as a deputy program manager on the B-1B Bomber program for Sedco Systems. George also is in his fourth year coaching the SUSB ice hockey team (second year as head coach)...***Grace Lee*** will leave a busy career to enter Brooklyn Law School this fall. Grace is a long-time member of the Board of Directors of the Alumni Association and we all wish her great success...The Oyster Bay-East Norwich Youth Council recently hired ***Carrie-Ann Miller*** as its new director...***Jean M. Spears*** is vice president and co-founder of National Investor Data Services which has grown from two employees and five clients in 1980 to its current level of 27 employees and 60 clients from NYC to California.

79 Dr. ***Ruth Lugo-Alvarez,*** assistant director of residence life and adjunct professor of Spanish at Montclair State College, has been selected as a 1983-84 Hispanic Leadership Fellow. Dr. Lugo-Alvarez is a former assistant director of residence life at Stony Brook and received her Ph.D. from Stony Brook...***Steven Berto*** is a technical manager for Metropolitan Insurance Companies and holds the record for being the youngest technical manager the company has ever had...***Margery Deutsch*** has been named one of *Glamour Magazine*'s Ten Outstanding Young Working Women for 1984. She is acting musical director and conductor of the Shreveport Symphony and one of only seven women in the nation to hold this position with a major orchestra...***Robert Gallaci*** has been doing some acting and singing in dinner theaters and has done plays Off Broadway. He also sells all types of consumer products... ***Claudia L. Koppelman*** received her M.D. degree from the Medical College of Pennsylvania on May 30...***Mark Opisso*** is a public safety officer at SUSB and an active member of the alumni lacrosse team... ***Stephanie Sakson-Ford*** has recently completed her masters in philosophy at the University of Hawaii...***Diane Taublieb*** is a member of the Pandean Players, a New York City Chamber Ensemble.

80 ***Kevin Ryder*** is working on his doctorate in microbiology at SUSB. He and ***Robin (Rubin) Ryder*** will celebrate their first anniversary in July. Robin completed her masters in educational psychology and is working as a special education counselor with handicapped adults...***Domenick M. Eanniello*** has been promoted in the U.S. Air Force to the rank of first lieutenant. He is a flight instructor at Reese Air Force Base in Texas...***George Fisher,*** assistant professor of music at Bates College, led the first four unique appreciation classes at Temple Shalom Center in Auburn. These classes are supported by the Maine Humanities Council and National Endowment for the Arts and Humanities...***Deborah Gilwood,*** pianist, gave a concert at Princeton University on March 24.

81 ***Mitchell Gliner*** is a first lieutenant in the Marine Corps. He'll graduate from N.Y. Law School in June and then report to Quantico, VA, for further duty. He has gone through law school under the auspices of the Marine Corps...***Louis Stans*** has been appointed manufacturing division manager for Dayton T. Brown, Inc. He has been employed there since 1972.

82 ***Christopher Battaglia*** is a law student at N.Y.U...***Frank Bayer,*** a N.Y. City policeman, is doing well and sends everyone his best wishes...***Robin Cristani*** is a circulation manager with Pennysaver Home District and writes, "Don't stop pushing until you get to the top—I haven't"...***Douglas Groff*** is a mechanical engineer with Hazeltine's Electro-Acoustic Systems near Boston...***Susan Murdo*** is a junior/senior high school teacher and receiving an M.S. in special education from C.W. Post in June.

83 ***Clare F. Hunter*** is a statistician in the Electronic Resources Department of Goldman, Sachs & Co....***Patricia Kelly*** will marry Alvaro Salinero '81 and will receive her M.S.W. from SUNY Albany in June...***Donna (Sassano) Pirich*** was married last June to Dr. Ronald Gary Pirich. Donna is presently working on a Ph.D. in mathematics.

Marriage

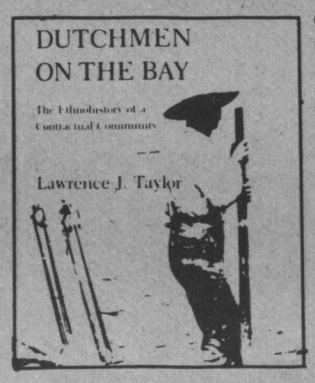
Frances Giampietro '80 and James Voda on March 18.

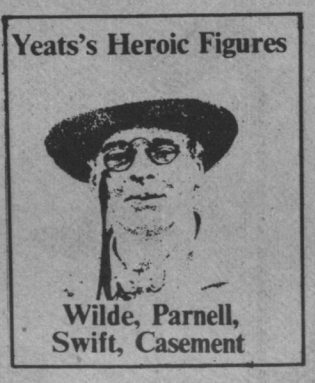
Birth

Roy John on July 7, 1983 to ***Felicia Phillipps Serrao*** '72 and her husband, John.

O'Neill alumni barbecue

Did you live in Eugene O'Neill College on E-2 Wing from September 1972-May 1975? Would you be interested in attending a reunion barbecue on Saturday, September 1? If so, please contact Nancy Peters, (212) 409-5715, Mon.-Fri., 9 a.m.-5 p.m.; after 6 p.m., (212) 588-9202; or Willa Malcon after 6 p.m. at (617) 232-6159.





2 alumni write academic books

Dr. Lawrence J. Taylor '71, Ph.D. '77, has written *Dutchmen on the Bay: The Ethnohistory of a Contractual Community.* Published by the University of Pennsylvania Press, the book is a historical/anthropological look at West Sayville and its dominance of the oyster trade. Dr. Taylor is presently assistant professor of history at Lafayette College.

Dr. Michael Steinman, M.A. '75, Ph.D. '81, is the author of *Yeats's Heroic Figures: Wilde, Parnell, Swift, Casement,* published by SUNY Press. He is currently teaching English at Nassau Community College and working on a book about the Irish short story writer Frank O'Connor.

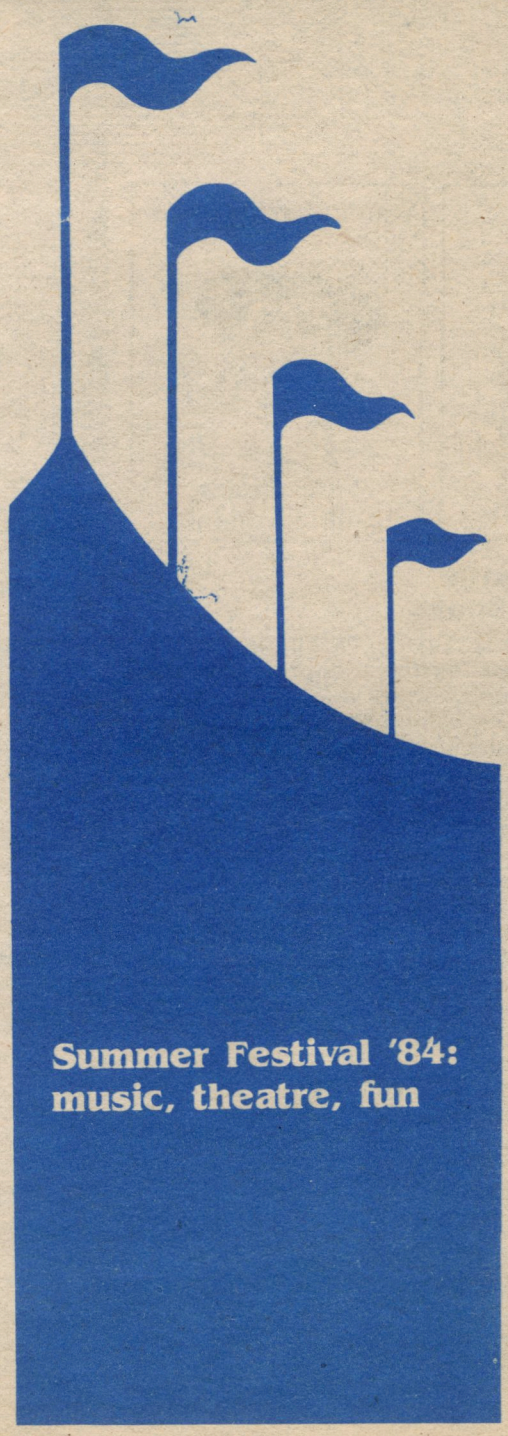
The computerization of the campus
(pages 4-11)

Commencement '84
(page 13)

StonyBrook People

State University of New York at Stony Brook

May/June 1984



Summer Festival '84: music, theatre, fun

Summer Festival '84 is how the Fine Arts Center is describing four exciting seasonal programs. For box office information, call (516) 246-5678.

Bach Aria Festival, Institute
The famed Bach Aria Festival and Institute, now in its fourth year, is a series of late June concerts and teaching classes, involving 41 American singers and instrumentalists led by Stony Brook Professor of Music and renowned flutist, Samuel Baron. On June 23, an all-day "Bachanalia" is scheduled at the gracious North Shore estate of the Nassau County Center for the Fine Arts in Roslyn Harbor. Also special this year is a Bach Basics for Young People session June 28.

American Theatre Festival
The American Theatre Festival is a series of three summer theatre presentations, all former Broadway shows, including two employing Equity performers. The program:

Side by Side by Sondheim—July 10-15 and 17-22. A musical entertainment with music and lyrics by Stephen Sondheim.

Fifth of July—July 24-29. A recent hit by Pulitzer Prize-winning playwright Lanford Wilson.

Gingerbread Lady—July 31-August 5. A hilarious comedy by Neil Simon.

Young Artists Concert Festival
New this year is a series of Monday night concerts by talented graduate students and recent alumni of the Department of Music. The schedule is on page 2.

Children's Festival
Also new this summer are four Wednesday morning programs especially designed for children aged 5-12. They are:

Children's Concert—July 11. "An introduction to the wonderful world of classical music" by the Belle Terre Chamber Players.

The No Elephant Circus—July 18. Feats of fire-eating, tightrope-walking, juggling, pantomime, magic, acrobatics, clowning.

Dinosaurs Forever!—July 25. Michele Valeri in a song-filled and monster-puppeted exploration of prehistoric times.

The Quiet Riot—August 1. Mime, dance, stories, illusion, music and improvisation.