

Stony Brook People

HSC schools welcomed back graduates for the first HSC Alumni Day with a mixture of intellectual and social stimulation. Rockefeller University's Norman Zinder (below) raised genetics issues for all to discuss.

HSC Alumni Day

It was a day filled with formal meetings and presentations, and hugs and reunions among old friends.

One-hundred-and-fifty alumni and faculty members of the Schools of Allied Health Professions, Dental Medicine, Medicine, Nursing and Social Welfare, and invited guests, gathered Nov. 6 at the Health Sciences Center for the first HSC Alumni Day.

After a welcome from President John H. Marburger, 1982 Distinguished Health Sciences Center Alumni Awards were presented by the deans of each school at a special awards luncheon. The School of Allied Health Professions chose not to single out a particular graduate, but instead honored all 1,100 alumni with one award, accepted by Shirley Layburn '72. Other award recipients were Ora James Bouey '72 (Nursing), Deirdre English '75 (Social Welfare), Jerome Liebermann '82 (Medicine) and Jeffrey Sachs '78 (Dental Medicine).

Earlier in the day, Dr. Norman Zinder, professor of genetics at Rockefeller University, delivered a lecture on molecular biology and genetic engineering titled "Genes, Scientists and Others." Issues raised by Dr. Zinder were discussed by a panel, made up of representatives from each of the five schools, moderated by Department of Microbiology chairperson Arnold Levine.

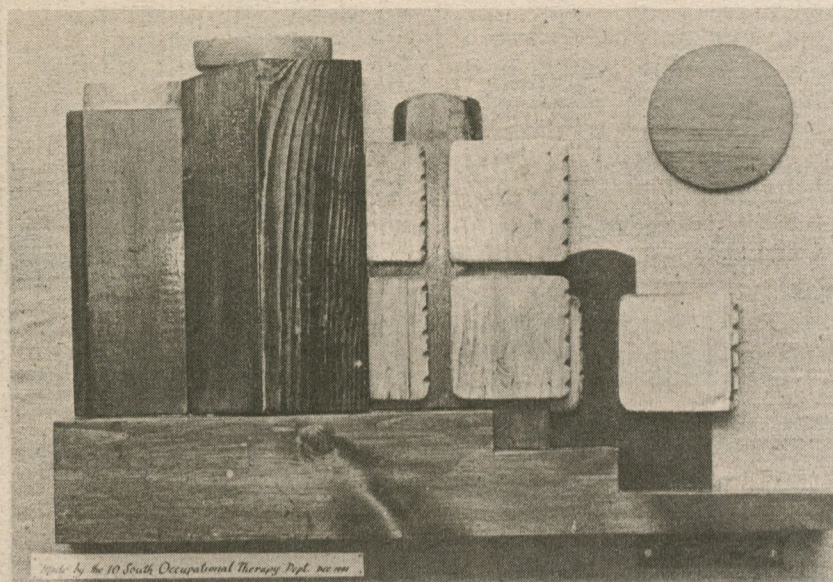
Alumni then headed for their individual schools during the afternoon to attend targeted programs.

Assistant Professor of Nursing Barbara Charles organized a program on Lyme Disease, a tick-borne ailment that produces arthritis-like symptoms. She presented a map pinpointing Lyme Disease outbreaks on Long Island.

Clinical Assistant Professor Patricia Gorzka followed up with a panel discussion on the disease. The School of Nursing also conducted a tour of the laboratory facilities.

The school's newly founded alumni organization held their first elections. Elected were: President Maureen Whalen '77, Treasurer Margaret Comerford Freda '80, Vice President Veronica Henry Simmonds '79, Secretary Patricia Fazzone '72, '82 M.S., and Parliamentarian Yvonne Harmon '80.

The School of Applied Health announced its plan to honor each of its 118 clinical faculty by mailing them a certificate of appreciation. Clinical faculty members often teach "in the field," at hospitals or clinics, where students complete the clinical



The discussion was followed by the presentation of Distinguished HSC Alumni Awards. SB Council Member Jeffrey Sachs '78 (below) received his award from Dental Medicine Dean Phyllis Garant.

requirements of their training.

The school held its alumni organization meeting, where President Kris Zuba '73 accepted a \$500 donation from Physical Therapy chairperson Jacob Schleichkorn. The gift, from the Ellen W. Craig Foundation of Kearney, NB, was donated to

help support the activities of the new organization. After electing Zuba, president, Vivian Avery '78, treasurer, Hazel Gibbons '74, vice president, and Marian Perneti '82, secretary, the organization wrote its first bylaws.

During the School of Dental

Medicine meeting, two graduates addressed classmates. Anthony Casino '78 spoke on "The Surgical Management of Oral Cancer Patients" and Joan Phelan '77, "All Manifestations of Acquired Immuno Deficiency Syndrome." After the talks, Dental School alumni organization President Daniel Cunningham '78 was introduced by Dean Phyllis Garant.

The School of Social Welfare at its alumni meeting discussed plans for the coming year.

When the afternoon sessions were over, alumni throughout HSC settled down to serious mingling over wine and cheese. Linda Andrews '79 M.S., an allied health alumna, found the experience particularly satisfying. "In the School of Allied Health, we were trained for so many different types of careers that people are scattered, doing all kinds of things. It's hard to get them together, so it's very enjoyable to see us reunited."

Linda, now an assistant clinical professor in Stony Brook's University Hospital, praised the HSC faculty as "a very close knit group of people. They cared about us when we were students, and they still do."

Assoc. president gives first major alumni gift

A 1964 graduate, who is now president of the Alumni Association, has given the University its first major gift from an alumnus/a.

Leonard A. Spivak, a New York City attorney, has established the Esther and Jack Spivak Scholarship Fund in memory of his parents. He contributed \$5,000 to permit the award of five \$1,000 scholarships through the fund during the coming year.

"This is a significant gift for the University, even beyond its monetary value," said President John H. Marburger. "It is the largest ever received from an alumnus and is indicative of the way our exceptionally young alumni are reaching positions where they can help fill the gap between state funding and actual educational costs."

Spivak, one of the founders of



Leonard A. Spivak established a scholarship in memory of his parents.

the Alumni Association in the mid-sixties, is a partner in the Wall Street law firm of Cahill Gordon & Reindel. One of the nation's largest, the firm specializes in corporate practice, handling litigation involving anti-trust, securities and the first amendment.

A former vice president of the Alumni Association, Spivak became president earlier this year. He is a former editor of *Statesman* and former moderator (then, the equivalent of president) of Polity, the undergraduate student government organization. After graduation he was a member of the 1964 class, the first to graduate at the new campus in Stony Brook. He received a law degree with cum laude honors from Columbia University in 1967. He is a resident of New York City.

New hospital director

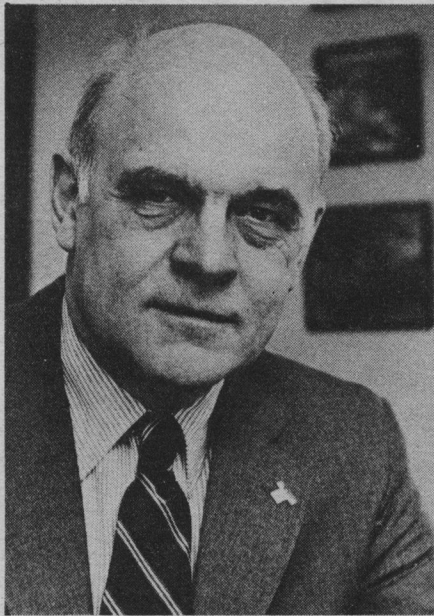
D. Andrew Grimes is the new director of the University Hospital.

Grimes has been president and chief executive officer of Middlesex General Hospital in New Brunswick since 1975. Prior to that he was the director of the University of Mississippi University Hospital in Jackson.

HSC Vice President Michael S. Elliot said, "At this important point in the hospital's growth, we are very fortunate to have a chief operating officer with Mr. Grimes's impressive and extensive background. His breadth of experience will be an important factor in the hospital's continuing development as a key regional center for advanced medical services."

A graduate of Washington and Jefferson College in Washington, PA, he received his master's degree in hospital administration from the University of Pittsburgh.

He completed residency in hospital administration at Vanderbilt University Hospital in Nashville, TN and accepted a post as administrator of Greene County Memorial Hospital in Waynesburg,



PA. In 1960 he returned to Vanderbilt as assistant director and administrative research coordinator.

Grimes is an active member of the Association of American Medical Colleges Council of Teaching Hospitals and the American College of Hospital Administrators. He and his wife and four children will reside in the Stony Brook area.

Smaller families yield bigger returns

What influences people when they decide how many children to have?

Professor Luis Locay of economics believes it's more than personal preference. What prospective parents are actually doing, he says, is compiling an investment portfolio—and the demise of the "extended family" has led parents in our society to add fewer children to that portfolio.

Dr. Locay utilizes the "free rider" theory of economics to explain the trend toward smaller families that he says has existed in this country since the beginning of the century. "The free rider factor means someone else is trying to get a return on your investment, without investing too much in it themselves," he said.

As a result of research conducted during the past year, he has concluded that, when a family lived with or in close proximity to other relations, "Children were considered a public good. They brought benefits not only to their parents, but to the whole extended family group. Other relatives reaped psychological benefits, such as knowing that the genetic line was being continued." Extended families contributed to the support of children, he observed, by providing child care or gifts on a

regular basis.

In today's more mobile society, though, families are often far away from the relatives who might contribute such support. "This motivates parents to be more concerned with what support they will have to provide. Other relatives now may be perceived as 'free riders' because they no longer contribute support. We have no social mechanisms that I can see that require relatives to produce payment, so suboptimal investment in children results—people have fewer children."

Dr. Locay has applied economic theory to other social questions, such as what leads people in underdeveloped countries to choose how much of their resources they will devote to children, versus land or other assets. "It's really a portfolio problem," Dr. Locay said. "Economic theory can provide a framework for understanding many societies, including our own."



SB student wheels for world's hungry

Brian Henschel, a senior in psychology, began his Thanksgiving-week fund campaign from the Stony Brook campus. He made the long wheelchair trip to the United Nations in Manhattan to call attention to the Freedom from Hunger Campaign sponsored by the UN's Food and Agriculture Organization. Brian covered approximately 50 miles over three days. The UN's Lila Goldin greeted him at the UN Plaza, where he presented her with the first gifts. Several hundred dollars were pledged and donated. Pledges are being collected through P.O. Box 672, Port

English and German & Slavic ranked nationally

Two additional departments at Stony Brook are among the highest ranking in the nation in the second installment of the first major study of graduate programs since 1969.

The University's Department of English was ranked 16th in the country in ratings on programs in the humanities published by the National Academy Press in Washington, D.C.

Stony Brook's English Department tied with the University of California at San Diego for the ranking in the study's primary category, faculty quality. Professor Richard A. Levine, English Department chairperson, termed his department's rating "a stunning accomplishment for a program so new in comparison with most other ranked doctoral

programs."

In the German program evaluation ratings, Stony Brook's ranking was 41st in the country for faculty quality, tied with that of the University of Southern California and Rutgers. Professor Barbara Elling, who chairs Stony Brook's Department of Germanic and Slavic Languages, said the Department's inclusion among the nation's top 50 "was remarkable and unexpected since we have no Ph.D. program, the yardstick typically used to measure reputation and national significance."

The study was conducted by a committee of the Conference Board of Associated Research Councils representing four major national associations in higher education.

Football: From club to Division III

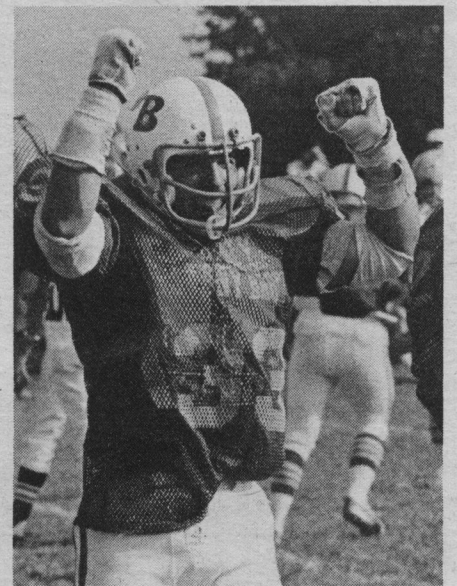
Stony Brook's club football team has had two or three Division III teams on its schedule each year and has not lost to any of them over the past five years. In 1975, the team played in the national club finals and in 1980 and 1982 it advanced to the semi-finals. This year's team was ranked third in the nation in club football, winning seven of nine games.

With this successful record, football is being elevated at Stony Brook from a club sport to Division III in the National Collegiate Athletic Association (NCAA). President John H. Marburger said, "Football is an important sport on the American university campus. Stony Brook's club teams over the past few years have demonstrated that scholar athletes can meet the academic demands of a university like Stony Brook while achieving outstanding records in sports."

Pres. Marburger announced that the move will occur in time for the 1983 season. A search committee will be formed early in 1983 for a head football coach, who will be designated at the end of the transitional 1983 season. In the meantime, the coaching staff will remain substantially the same.

In addition, Pres. Marburger said, new scheduling must be arranged to meet NCAA regulations. A member university is required to play at least 50 percent of its football schedule with other Division III teams, sponsor at least four sports and is not permitted to give athletic scholarship awards to students.

Professor Henry von Mechow,



chairperson of the Department of Physical Education and Athletics, said Stony Brook has never given athletic scholarships and already sponsors more than four sports. Football brings the number of intercollegiate varsity teams sponsored by the University to 17, of which ten are for men and seven for women. Professor John W. Ramsey, director of men's athletics, said, "We'll make arrangements to play a majority of Division III teams as soon as possible."

Stony Brook football, which compiled a 52-27-1 won-lost-tied record over the past decade, will join the 192 football teams in Division III. Dr. Marburger said in announcing the elevation of football: "Sports is one of a small number of interests that can be shared by all members of the University campus, its alumni and its public. As such, it strengthens our sense of community and the loyalty we maintain to that community and its goals. Like basketball, football is a major sport that will play an important part in Stony Brook's future."

Faster amniotic fluid test

An expectant mother waits anxiously for the test results that will determine whether her baby is ready to be born. She has a physical condition that necessitates removing the fetus as soon as possible. She will have to wait several hours for the answers.

Professor Martin Rosenfeld, chairperson of medical technology; Craig Lehmann, medical technology clinical associate professor; and engineering student Lawrence Danielson have developed a method of achieving the same results in only 20 minutes.

The researchers use an infrared spectrophotometer—a machine that measures energy waves. They pass a known amount of energy through a sample of lecithin and sphingomyelin extracted from amniotic fluid. The ratio of lecithin, which coats the surface of fetal lungs, to sphingomyelin can tell scientists how mature the lungs are and whether the fetus will suffer respiratory distress after birth.

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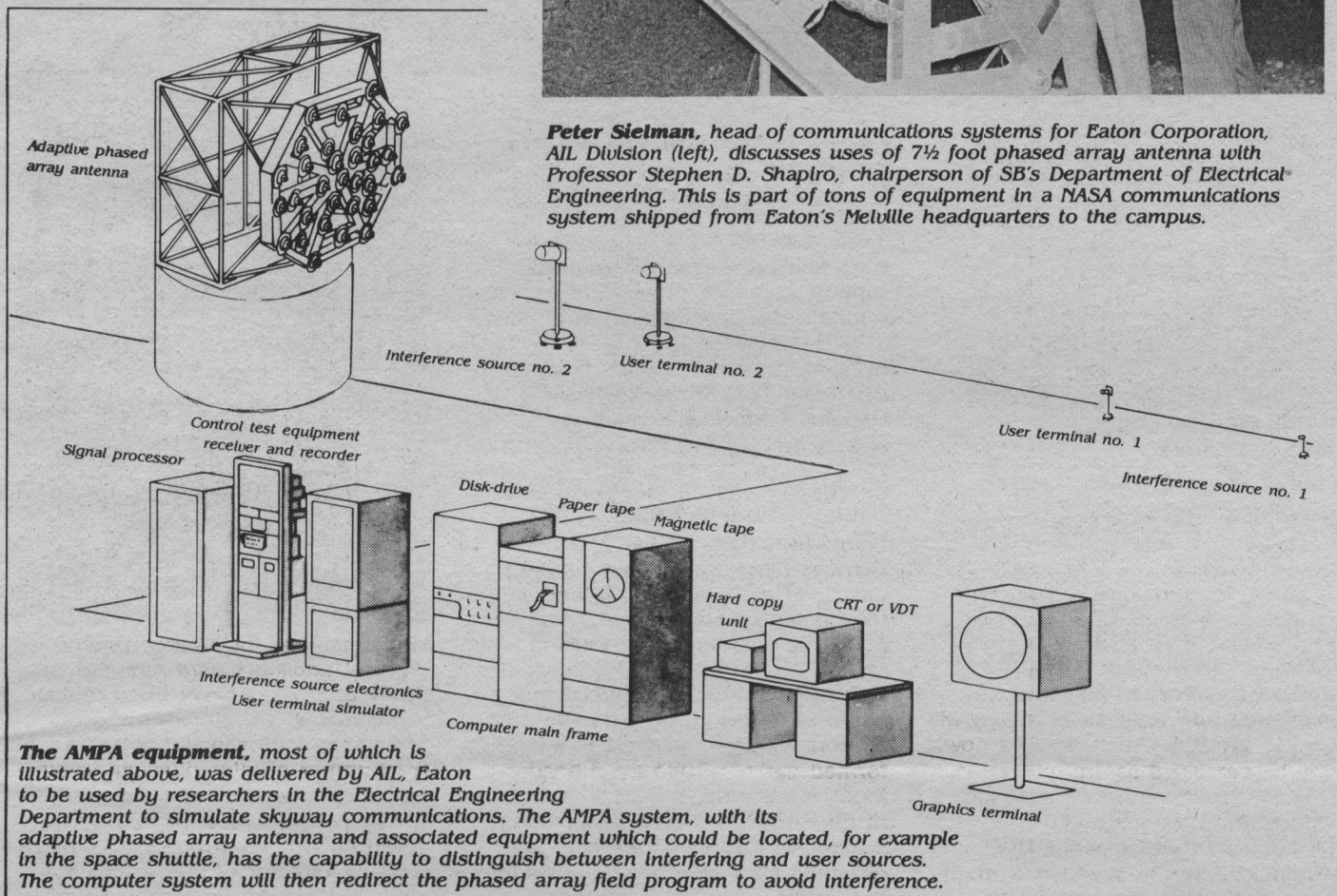
AMPA brings effective skyway communication



Professors Donald Ucci and Nazir Pashtoon (standing) prepare the new satellite technology research laboratory in Stony Brook's Light Engineering Building.



Peter Sielman, head of communications systems for Eaton Corporation, AIL Division (left), discusses uses of 7 1/2 foot phased array antenna with Professor Stephen D. Shapiro, chairperson of SB's Department of Electrical Engineering. This is part of tons of equipment in a NASA communications system shipped from Eaton's Melville headquarters to the campus.



Arranging for delivery of what may be the largest gift in the history of Stony Brook—largest in both physical size and original value—has been understandably time-consuming and complex. But after nearly a year, it is about to take place.

As students returned from inter-session in January, trucks from AIL, the Long Island division of the Eaton Corporation, arrived to deliver tons of hardware for the computer system that will soon become the heart of Stony Brook's new satellite technology and telecommunications research laboratory.

This equipment, a computer/electronic system and antenna arrays, was used by the National Aeronautics and Space Administration (NASA) to help improve the U.S. space shuttle program. It is on loan from NASA, but was designed, constructed and maintained by AIL Division of Eaton Corporation in Long Island.

NASA and AIL called the equipment and project AMPA, the acronym for adaptive multibeam phased array. When installed in Light Engineering, it will become the Adaptive Signal Processing and Communications Laboratory of the Department of Electrical Engineering.

Originally worth \$4 million
This advanced equipment fills

a floor space 20 x 20 feet. Originally valued at \$4.3 million, it will be used by faculty members and graduate students to explore ways to improve communications between users who send radio signals via satellites and space platforms. This facility will provide the Electrical Engineering Department with unique capabilities in this field.

A NASA summary of its AMPA project concluded that it had "established the viability of both the hardware and software required for the implementation of adaptive phased array technology for satellite communications applications. The next step in the developmental process would be field testing of a development model on board a suitable platform."

Stony Brook's President John H. Marburger wrote to Joseph N. Sivo, Chief of the Space Communications Division at NASA's Lewis Research Center in Cleveland: "Our current research and teaching programs in several areas will be greatly enhanced. This NASA facility will allow our electrical engineers to carry out state-of-the-art experiments that are essential to achieving

the excellence and leadership for which we are striving."

Professor Stephen D. Shapiro, chairperson of the University's Department of Electrical Engineering, said, "This is an excellent example of research cooperation between the federal government, private industry and a university. For Stony Brook engineering, this is the beginning of an extraordinary research and teaching resource."

Dr. Shapiro said faculty and graduate students will work jointly with AIL and NASA, and share its findings with both. Collaboration with other universities and institutions engaged in similar research will also take place.

The equipment will be used to study complex communications systems that might be applied to such sophisticated uses as NASA's manned space shuttle as well as to such common uses as emergency vehicles' radio calls to their home stations and air traffic control safety.

The main computer equipment serves video display terminals and six small parabolic dish antennas. Four of these are programmed as user sources and two as interference sources. Each can modify many functions, such as radio frequency, power and modulation. The system includes a state-of-the-

art digital signal processor and extensive microwave facilities. The most impressive component is a 12-foot tall adaptive phased array antenna for both reception and transmission. Its role is to examine space satellite performance.

Professor Don Ucci gives a more technical explanation of how the system functions: "In usage, the 32-element antenna pattern is adapted by adjusting various control weights. By proper adjustment of these weights, a desired antenna pattern can be obtained, allowing optimal reception in a given environment. In particular, the system will null out interference whether unintentional or intentional."

Studies Satellite Communication

At Stony Brook, Dr. Ucci said, the system can be used "under realistic conditions." The challenge, he explained, is to gather data from a satellite in order to determine the location of an object or source that is causing interference. An airplane can interfere with a signal on its way to or from a satellite relay station or the space shuttle system that NASA has in use. "The system has capabilities for high noise and interference environments," Dr. Ucci said.

Through simulation, the Stony Brook equipment will function as if it were based on a satellite. "It makes more sense, and is less costly," he said, "to put more power on one satellite than on every land-based user station." The Maritime Communications System, in use by ocean-going vessels, is one example of such a system, he said.

Prof. Nazir Pashtoon, an expert in digital signal processing, said: "The system will be a boon to our students and faculty in carrying out research in digital signal processing. The system provides access to very fast 'number crunching' which will enable us to run real-time adaptive digital processing and filtering experiments."

Dr. Shapiro noted, "The technical areas required for the system fit extremely well with those of our faculty." In addition to Drs. Pashtoon and Ucci, he cited: John H. Lilly and Mansour Eslami, whose field is adaptive systems; and Jeffrey C. Hantgan and Hang-Sheng Tuan, electromagnetics and antenna theory and design.

"The availability of this equipment will have a tremendous educational impact on courses in communications, signal processing, microwaves and adaptive systems," Dr. Shapiro continued. "We plan to carry out activities dealing with adaptive signal processing and array configurations, continuing NASA's efforts in these areas. We plan to exploit the advanced capabilities of this equipment to perform this research and evaluation."

'Misunderstood' 18th century poet is still burning bright

"I consider Blake one of the most fascinating minds that humanity has produced."

So began Prof. David Erdman's explanation of why he has devoted most of the past 34 years to studying and interpreting the life and writings of poet/painter/author William Blake.

In Blake's own lifetime, "people completely misunderstood how very original he was as a thinker," asserted Prof. Erdman. To bring an understanding of Blake to modern readers, the English professor has pored over Blake's original manuscripts "to try to decipher" their meaning.

Blake wrote with "a great deal of wit," said Erdman. "He used riddles, paradoxes and conundrums. But you have to understand them, know where and how to look for them."

And the quality of the writing itself, he said, is reason enough to read Blake. "In his lyrical writing, words have that perfect control; they are used in their fullest capabilities."

A particular favorite of David Erdman is Blake's poem "The Tyger," which begins, "Tyger, tyger burning bright" and contains the words "fearful symmetry - what a phrase!"

Unfortunately, Blake's peers did not share the enthusiasm of Erdman and other modern readers. Some labeled Blake insane (toward the end of his life he claimed to be guided by and

in communication with angels), and others called him a mystic. Erdman disagrees with both views.

"When people call him a visionary, they've got the wrong end of it," he said. "Blake was a humanist. He used imagination to grasp the full humanity, the creative genius in everyone."

Blake's lack of popularity during his own era only increases Erdman's admiration. "He was often isolated," Erdman mused. "He was lonely. But he kept up his courage, his intelligence and his wit, and did some great things in his writing."

The pleasure the University's resident Blake expert derives from his vocation was obvious as he eagerly leafed through Blake texts, leaning forward to point out key passages and exclaiming, "Simply marvelous!"

Yet Prof. Erdman, editor of the recently revised *Complete Poetry and Prose of William Blake* (praised by reviewers as the best available presentation of Blake's writing), said he "never intended to edit Blake text."

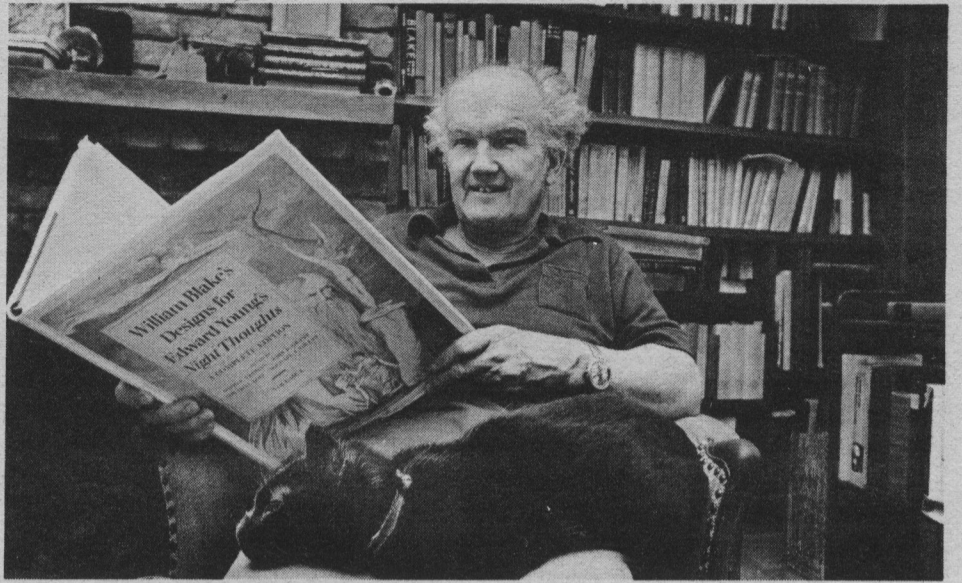
"I was originally interested in the political and social background of the whole Romantic period, that era of British literature and art from the late 1700s to the early 1800s," he recalled. "I decided to write a book on the Romantics, and thought the most difficult chapter would be the one on Blake. I tackled that first."

The chapter became a book - *Blake: Prophet Against Empire* - and David Erdman was hooked. "I later edited the newspaper writings of (Samuel) Coleridge," he said, "but I keep returning to Blake."

Modern techniques to study old

Because Blake's manuscripts are often difficult to read - Blake crossed out, smudged, and wrote words over other words - Prof. Erdman and a team of collaborators found instances where the modern, accepted interpretations of Blake were incorrect. "Sometimes these would seem to be things that would never matter. But sometimes one word could affect the meaning of a whole passage."

To delve into the mysteries of Blake texts, Erdman has used such research tools as infrared photography. "Pencil shows up better when you use infrared," he explained. Use of that technology has enabled him to detect whole



paragraphs that were crossed out and then inserted later on. This changes notions of how Blake's thinking progressed, "the question of early ideas versus later ideas," Erdman said.

Blake was also an accomplished artist, and illustrated his own writings and those of others, among them Dante's *Divine Comedy* and Gray's *Ode*. But even his art was misunderstood. Erdman related an incident that involved Blake's portraits of British Prime Minister William Pitt and naval officer Lord Nelson.

Blake portrayed the men, both deceased, as godlike beings ascended to heaven, but the representation was meant to be satiric. "The paintings were clearly showing up these two characters as villains," said Erdman.

But, Blake's contemporaries, with whom he "shared a scorn" for the infamous Pitt and Nelson "took it as if he were glorifying Nelson and Pitt," marveled Erdman. "One of the reviewers said he was crazy, that he ought to be locked up."

The mistake is compounded today, Erdman continued, by modern art critics not familiar with the then popular attitudes toward Pitt and Nelson, whom history treats as "heroes." "Art critics think the British disapproved of the portraits because they were unsympathetic to national heroes. It's a complete reversal of the situation that existed."

Some of Blake's artwork has been dismissed as "decorative" or "ornamental," but it often holds the key to a correct interpretation of the writing it illustrates, Erdman said. As an example, he

quoted Blake's "The Lilly:"

"The modest rose puts forth a thorn
The humble sheep a threatening horn
While the lilly white shall in love delight
Nor a thorn nor a threat stain her beauty bright."

What the poem means on one level, explained Erdman, is that the rose and sheep are hypocrites. Despite their "modest" and "humble" appearances, they arm themselves with thorns and horns and only the lily is content to be just what she is with no pretense.

"But look at the picture that accompanies the poem," Erdman stressed. "The lily Blake drew is very pale and drooping. It shows what happens to lilies. They get clobbered. They have a hard time in this life."

This message, continued Erdman, mirrored Blake's own despair at the social success of seemingly "modest" and "humble" hypocrites he had met - and the misfortune of those, like himself, who disdained false modesty and were criticized.

Prof. Erdman estimated that he and collaborators on the Blake text have tracked down just about all of the puzzling passages in Blake's writings - and solved most of the puzzles. Though he is turning his attention now to an investigation of Wordsworth and the French Revolution, he will continue his work with other Blake scholars, and will serve as coordinating editor of a multi-volume edition of Blake's *Night Thoughts* designs.

In addition to serving as the editor of the quarterly *Bulletin of Research in the Humanities*, Prof. Erdman continues to teach about Blake and his work.

Will we ever know all there is to know about Blake?

"Of course not," Erdman responded. But modern interest in Blake will not fade, he predicted. "Blake and the other poets of that time had the strength to build a Noah's Ark, to place their ideas and images on the ark. The ark has landed. We are now welcoming the animals as they come off the ark."

And he summed up the passion of Blake scholars everywhere when he smiled, "Wouldn't you be fascinated by somebody who was as bright as I'm telling you?"

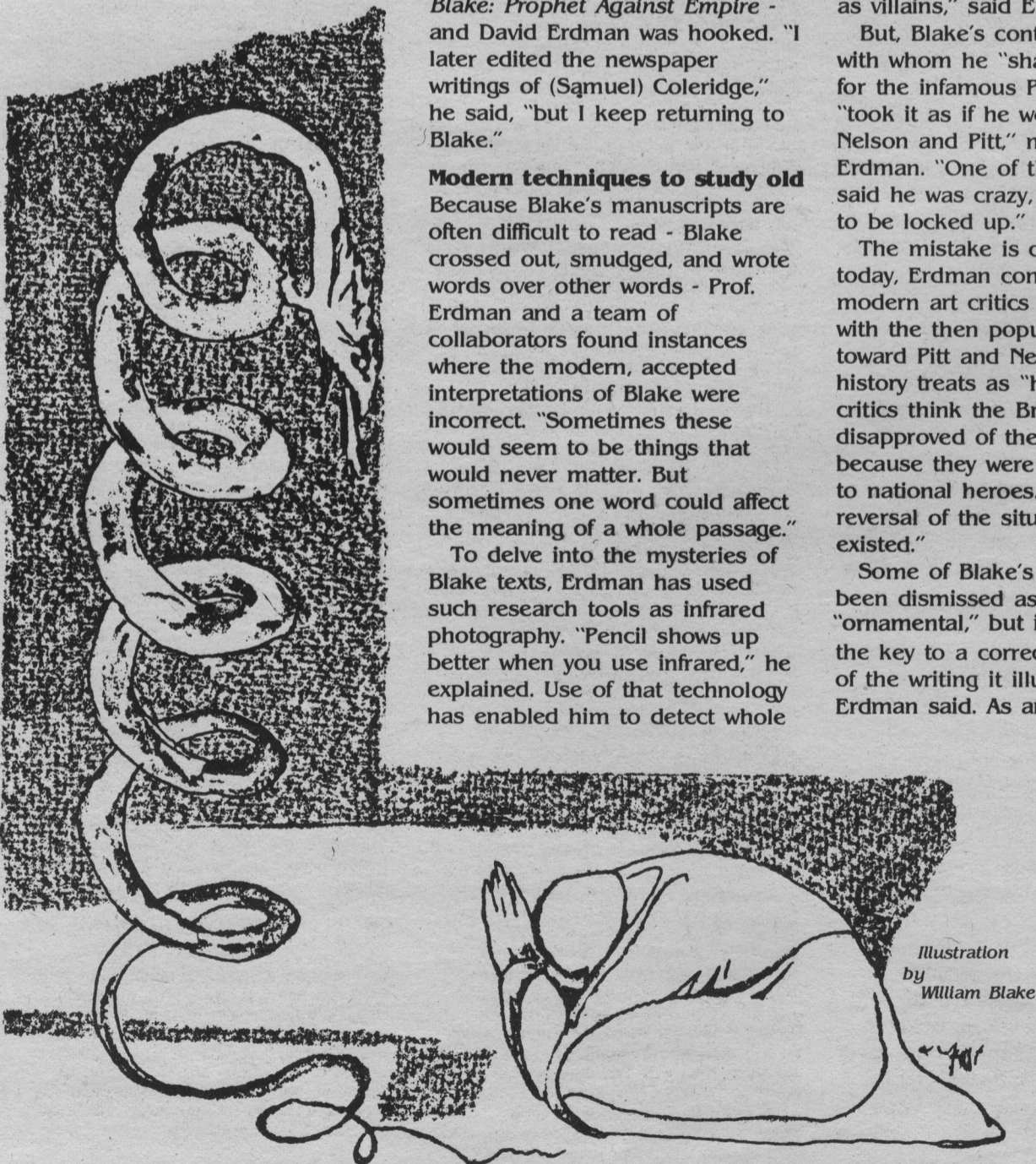


Illustration
by
William Blake



"As I stand here today and tell you about these, I am heavy with an awareness of the fact that I am in more than one sense a product of both the Chinese and Western cultures, in harmony and in conflict. I should like to say that I am as proud of my Chinese heritage and background as I am devoted to modern science—a part of human civilization of Western origin—to which I have dedicated and I shall continue to dedicate my work."

—C.N. Yang
Nobel Banquet Speech
Stockholm, December, 1957

"That speech was made in the ornate city hall of Stockholm. Reading it a quarter of a century later, I realize that much has happened, but I have not changed."

—C.N. Yang
Stony Brook, December, 1982

C.N. Yang's appointment at Stony Brook in April 1966 as the first occupant of New York State's prestigious Albert Einstein Chair in Science, was expected "with one stroke" to put the campus "in the forefront of modern physics." It did; a fact most recently supported by the first major study of graduate programs since 1969, which ranks the Stony Brook Physics Department as among the strongest in the country, tied with the University of California at San Diego, Stanford University's Applied Physics Department and Yale.

Dr. Yang and collaborator Dr. T.D. Lee won the Nobel Prize in 1957 for "penetrating research into the laws of parity which has led to major discoveries concerning the elementary particles." Their award came with lightning speed by the Nobel Committee's standards, less than a year after they rocked the scientific world by proposing the non-conservation of parity, the lack of absolute left/right symmetry in "weak" interactions.

That, simply and dramatically, meant they had challenged an age-old law of nature. They had found that a physical process and its mirror image were not always

identical. Their work was with the "weak," or radioactive, force involving atomic nuclei. It resulted in the identification of a radioactive decay process which, contrary to all previous findings, differed from its "mirror" process.

That work relates to the concept of symmetry, a concept in physics to which Dr. Yang has contributed more than any other researcher. He, with Dr. R.L. Mills, created the theory of Non-Abelian gauge fields in 1954, a most "symmetrical" theory, which is the foundation of current ideas about "unification" in physics. That unification, linking the electromagnetic, "weak" and "strong" forces, "indeed is a very exciting development of the last 30 years," Dr. Yang observed in an early December interview in his office at the top of the Mathematics Tower on campus. "It's in the tradition of what Einstein had insisted upon since the mid-teens. When he wrote his great relativity paper in 1916, he knew there were two fundamental forces in the physical universe, gravitational forces and electromagnetic forces. He insisted these two should be unified and he called that the unified theory. Much of his effort from then until his death was devoted to this particular unification. But he was not successful. Many of his contemporaries felt he was going way off on a limb. That judgment of his contemporaries we now recognize as incorrect because Einstein's perception that these forces should be unified was a deep perception and it has been a fundamental theme of contemporary physics."

How close are scientists to a grand unified theory combining the electromagnetic, "weak" and "strong" forces? Dr. Yang pauses, smiles and sits back, black suit coat open, knit burgundy tie slightly askew:

"There I think you'd find different answers talking to different physicists," he reflects.

"Grand Unification Theory, as it stands now, lacks fundamental elegance," Dr. Yang said, "and

The positive force of C.N. Yang

also it cannot possibly be the final theory because it has too much arbitrariness in it. That's why I think additional important ingredients have yet to be discovered. And, adding gravity is even more difficult. I think a final synthesis is still some time away."

Physicists now look at the general structural elements of the physical universe and their possible relationships and forces. "The result of that final synthesis should be a very beautiful thing with an element of inevitability about it."

Dr. Yang's current research includes development of Einstein's work on the force of gravity. "The unification with Einstein's gravity represents a particularly difficult problem," he said, "and I have some ideas about that."

He is also closely following efforts to verify the apparent discovery last year by 35-year-old Stanford physicist Blas Cabrera of the "magnetic monopole." This immensely heavy particle—perhaps 10 million billion times the weight of a proton—would be an exclusively "north" or "south" pole magnetic unit. Its existence was first postulated in 1931 by Nobel Laureate Paul Dirac, who was a visiting professor at Stony

Brook in the late 1960s.

This has been a landmark year for Professor Yang. The 25th anniversary of his Nobel Prize was preceded two months earlier by his 60th birthday, an occasion marked by several celebrations. One of them was a formal dinner at Stony Brook that brought friends back to campus including former President John S. Toll and former Executive Vice President T.A. Pond. (Dr. Toll is now president of the University of Maryland and Dr. Pond is executive vice president and chief academic officer at Rutgers.) In a lecture before an overflowing crowd in the Physics Lecture Hall the afternoon before, Dr. Yang recounted his "Life in Physics," including his early work under nuclear physicists Enrico Fermi and Edward Teller.

With the commemorative excitement subsiding, Dr. Yang was back into his Director's routine at the Institute for Theoretical Physics.

In mid-December, Dr. Yang left for Hong Kong for three months on his first leave of absence since coming to Stony Brook 16½ years ago. He'll deliver a series of 30 lectures on diverse topics in theoretical physics at the Chinese University of Hong Kong before returning to campus in April.

FACULTY NOTES

The 1983 American Physical Society Biological Physics Prize has been presented to **Paul C. Lauterbur**, professor of chemistry...**Arthur P. Grollman**, professor and chairperson of the Department of Pharmacological Sciences, has been named a 1982 American Cancer Society Scholar. For a period of one year, Dr. Grollman will conduct research at the Johns Hopkins University...Prof. **Stephen S. Rappaport** of the Department of Electrical Engineering has been appointed associate editor of the *IEEE Transactions on Communications*, the predominant technical journal in the field of communications engineering...**Patrick J. Herley**, professor of materials science and engineering, has received the degree of Doctor of Science from the University of London. This degree is the highest competitive award granted by the University of London and is based on Dr. Herley's exemplary work in solid state chemistry over the last 20 years...Prof. **Fu-Pen Chiang**, mechanical engineering, has been named a Fellow of the Society for Experimental Stress Analysis...**Steven Jonas**, associate professor of community and preventive medicine, has been awarded North Texas State University's Founders Medal. This award was presented to Dr. Jonas for his contributions "to medical education and health care"...**Graham B. Spanier**, vice provost for undergraduate studies and professor of sociology, has been elected chairperson of the American Sociological Association's Family Section for 1983-1984...**Harry Weiner**, dean of the W. Averell Harriman College for Urban and Policy Sciences, was elected vice president of the Association for Public Policy Analysis and Management. The Association is composed of the 28 leading universities that prepare students for public service careers...Prof. **Jules M. Elias** of Pathology is the author of *Principles and Techniques in Diagnostic Histopathology (Developments in Immunohistochemistry and Enzyme Histochemistry)*...Four Stony Brook representatives were among 20 medical and health educators selected by the United States Air Force Recruiting Service to tour facilities at Lackland and Randolph Air Force Bases in San Antonio, TX, during November. They were: **Sandra Burner**, who chairs the University's Faculty Committee on Health Programs and serves as assistant vice provost for undergraduate

studies; **Marcia Geraghty**, assistant professor in the School of Nursing; Dr. **Edmund McTernan**, dean of the School of Allied Health Professions; and Dr. **Jay Schleichkorn**, chairperson of the Department of Physical Therapy...**Eugene Friedman**, DDS, associate professor of clinical oral surgery in the University's Department of Oral and Maxillofacial Surgery, was installed as president of the 4,000-member American Association of Oral and Maxillofacial Surgeons...**Howard C. Mofenson**, M.D., professor of clinical pediatrics, has been appointed acting dean of the clinical campus at the Nassau County Medical Center. Dr. Mofenson was chosen "Teacher of the Year" in 1981 and 1982 by the School of Medicine's senior classes.

Obituaries

Dr. **Beatrice L. Hall**, 49, assistant professor of linguistics, died of cancer in September at Central General Hospital in Plainview. Prof. Hall, who specialized in Nilotic and Yiddish Languages, joined Stony Brook's faculty in 1966. She was a founder of the Linguistics Program and was chair from 1973 to 1976. Prof. Hall sought "to leave a little bit of clarity" behind her and "to explain something no one else understood." Her work resulted in clarification of the phonological and grammatical systems of several Nilotic languages. Survivors include her husband Michael Hall; two daughters, Margaret, 13, and Judith, 11; a son, John, 6; a brother, Walter Linkoff; and two sisters, Pauline Feldman and Helen Stern...**Joseph J. McConkey**, 56, director of management systems since 1972, died Dec. 17 at his home in Stony Brook after an extended illness. "Mr. McConkey was a key participant in management systems and organizational development at Stony Brook," said Carl Hanes, vice president for administration. "During the past decade, he provided leadership in developing effective data processing solutions to meet the growing needs of the campus community. Most recently, he had been assisting the Central Administration of the State University in the same manner." McConkey is survived by wife Trudi of Stony Brook, 4 daughters, Rosemary of Stony Brook; Kathleen of Los Angeles; Elizabeth of Virginia Beach; Joanne of Honolulu; and 3 sons, Christopher of Los Angeles; Thomas of Vancouver, WA; and Michael of Weehawken, NJ.

The setting was the Art Gallery at Stony Brook's Fine Arts Center. The gathering was assembled for the first of a new series called Deans' Conversations. Professor Egon Neuberger, dean of social and behavioral sciences, had asked C.N. Yang, Einstein professor of physics, to bring together a group of faculty members for a public discussion. Dr. Yang chose the subject "Concepts of Beauty." Here is an edited transcript of the 2½-hour program given before an audience Nov. 17.

'Mathematics and music have much in common but there is one difference. Mathematics is beautiful.'

Dr. James Watson, Cold Spring Harbor Laboratory (explaining the discovery of the double helix that led to his receiving the Nobel Prize): "Everyone called it beautiful. It was a really ugly little model. The model itself wasn't beautiful. It was the idea that was so simple."

Prof. Yang: "I would say, in fact, that this is exactly what William Blake described; something to the

suddenly discover that there is a principle that unifies and structures something that was previously unstructureable, then this is beauty. Part of that also, however, is that what you are looking at must in some sense be true, whatever that means. Truth for a physicist or biologist is different than it is for a mathematician.

Prof. Rosen: "I think I must disagree with Dr. Watson. I do not think you can identify beauty in any sense with satisfaction, certainly at least not in that

all the disciplines represented here, my discipline—that of making art—has less to do with beauty than any. And that's as it should be. I find it perturbing that all the aspects of beauty that have been spoken about—nor surprising, but nevertheless perturbing—a beautiful equation, a beautiful model, a beautiful idea, and so on, are fragments of beauty that have been taken into a small place and polished, rather than a general idea of beauty that is expansive and has been sent out throughout society."



The concept of beauty is not easily agreed upon discovered the panel members assembled for the first of a new series, Deans' Conversations. Egon Neuberger (at microphone), dean of social and behavioral sciences, introduces the panel, which consists of (r-l) Louis Simpson, English; C.N. Yang, physics; Patrick Heelan, philosophy; Blaine Lawson, mathematics; Martin R. Liebowitz, medicine; Maurice Goldhaber, physics; Charles Rosen, music; and James Watson of Cold Spring Harbor Laboratory. Not pictured: Professors Mel Pekarsky, art; Gladys Lang, sociology; Aldona Jonaitis, art; and Edward Ames, economics.

Professor Yang: "I was supposed to make a very short introduction so I decided to look into all the encyclopedias and dictionaries that I could lay my hands on in both English and Chinese for the origin of the word 'beauty.' It was a useless exercise."

Professor Louis Simpson, English: "Beauty is a thing which is perceived. To know what beauty is we must know the observer. There are no beautiful things, only things we think beautiful. One observer will find a portrait by Rembrandt of an old woman cutting her nails to be beautiful. Another will complain that the subject is unappealing. Beauty is a feeling and depends upon the observer."

Professor Charles Rosen, music: "I would like to address the peculiar aspect of the question of beauty, which is in fact why the subject is not really a respectable one today, why it seems to have disappeared from interesting discussions of esthetics since the 18th century. In music most people confuse consonance with sounds that are beautiful and dissonance with sounds that are disagreeable. Consonants are not on the whole agreeable; some of them can be. You almost never hear the word beauty used. Historically, it has almost not existed in esthetics since the 18th century. 'Beautiful' can exist as a noun but then it is used as a type of synonym for 'terrific,' 'laid back' or, as Professor Simpson said, 'wow.'"

Professor Maurice Goldhaber, physics: "The famous German mathematician, Felix Klein, stated at the turn of the century:

effect that to hold infinity in the palm of your hand and eternity in an hour. When you look at the equations of Einstein you see concentrated in a few symbols one of the most profound mysteries of nature. That is, of course, in one sense, like a feeling that almost transcends the pure sense of beauty, in the deepest religious sense."

Professor Patrick Heelan, philosophy: "A game is like a work of art. Reflecting on what constitutes a game, or playing a game, it becomes clear that any skill or structured activity can become a game for participants or observers if they all free themselves from the everyday concerns of life. A good motor mechanic, a good carpenter, a good plasterer can display an esthetic beauty in their craft. We have all noticed the pleasure of the relaxed choreography of people walking their dogs in Central Park, a good waiter or waitress effortlessly juggling loaded trays, a traffic cop at a busy intersection."

Professor Blaine Herbert Lawson, mathematics: "As a mathematician, I feel fairly strongly about beauty because I think the reason for becoming a mathematician is beauty. I do disagree in a somewhat deep level with the characterization of it as a game, something removed from life. Certainly one of the characteristics of beauty in mathematics is depth, profundity. I think there's no question about that. I think there are aspects of beauty in mathematics that are universal. One of the parameters of beauty is depth. When you're confronted with something that was unbelievably chaotic and incomprehensible, and you

simple way. On the subject of games, I think it would be easier to understand the relation of games to esthetics if one understands why the concept was originally created. It was relating this to the crisis I tried to indicate, which is that almost all of the criteria for judging beauty had been challenged in some way or another by the 18th century. In their place (came) the idea of play, which was: Beauty was valuable in itself, regardless of what you used it for. Something you did for its own sake...not to be sold, just for a kind of play...If you say (the artist) does it for its own sake, then it's saleable. The concept of play was invented, I think, to hide that paradox. I find myself very pleased to notice that all the scientists know what is beautiful but anyone connected with the arts is very dubious.

Professor Aldona Jonaitis, art: "What is beautiful is something that works, something that fits. In primitive societies, the first thing they will say is that something that is beautiful is what the elite happens to own, happens to control. So I think there is some social aspect of art, and of beauty, that has been quite ignored in this panel. I wanted to point out, too, that some of the ideas of scientists that have been raised are certainly true of the concepts of beauty in primitive society. Various societies believe that beauty is balanced harmony and health. That is a criteria of beauty. A beautiful art work fits into the criteria of what a person functioning well in the social structure is."

Professor Mel Pekarsky, art: "I don't think society has a definition of beauty now. Least of

Prof. Yang: "When one does controlled experiments, one finds that nature has a regularity, and that this regularity has a grand structure. It almost has a certain design to it. That is profoundly beautiful. It is, in fact, a religious feeling to appreciate that beauty."

Prof. Watson: "I think I totally disagree with you. You seem to get pleasure from some grand religious design. This depresses me, because I don't understand it. It's just a total mystery. How can I get pleasure out of something which, if I try to think about it, my neurons get mixed up and can't in any way connect together? I think beauty and pleasure are connected."

Prof. Simpson: "To say that beauty is what gives pleasure is to demolish the word entirely, and make it purely subjective. You may feel that it's a quieting or soothing thing, but by that test many, many works of art would not be beautiful at all. Is 'Macbeth' beautiful? Is the murder scene in 'Macbeth' beautiful? Some people would say so because it has a certain terrifying effect. Some people would think that beauty is not sedative at all, but something that is quite alarming. Beauty is a form of perception."

Prof. Jan Kott, comparative literature: "This is a discussion between the great scholars, between the beautiful people. You propose a concept which, it seems to me, doesn't exist in your disciplines. It exists in your feelings."

Prof. Yang: "Modern science has evolved in a very large area, with vast scope, with incredible accuracy. To perceive that, I don't know what other word to use than 'beautiful.'"

Two dozen major attractions are scheduled at Stony Brook's Fine Arts Center this spring. Enough, Director D. Terence Netter assures, to appeal to every entertainment interest.

The schedule ranges from music and ballet to puppets and pantomime. The 100-musician St. Louis Symphony Orchestra and the world-renowned Beaux Arts Trio will be on Main Stage for the final half of the Fine Arts Center's fourth full season.

The Beaux Arts Trio has performed at Stony Brook in the past. Cellist Bernard Greenhouse, who is on the University's Department of Music faculty, and his colleagues—pianist Menahem Pressler and violinist Isidore Cohen—annually appear throughout the United States and abroad in concert.

Among the major performers making their first appearance at Stony Brook (Feb. 10) will be Marilyn Horne, the celebrated mezzo-soprano who is at the peak of her long career. Critic Peter G. Davis wrote recently in New York magazine: "No singer today can mow down more notes per minute than Marilyn Horne. After hearing her tear through a florid Rossini aria with the virtuoso precision of a high-speed typist, a listener can only gasp in admiration at such control over the human voice and at how wonderfully that recalcitrant and unpredictable mechanism can be trained."

Two jazz groups will perform here, part of a series of three that brings this American music genre to Fine Arts Center audiences for the first time. The Warne Marsh



Marilyn Horne



Beaux Arts Trio

FAC: Something for everyone

quartet will play Feb. 7 and the Ben Sidran Trio April 11. The first of the three in November was sold out.

In addition, the Fine Arts Center annually presents more than 200 free recitals by undergraduate and graduate music majors at Stony Brook.

Two major dance programs will be presented. The Erick Hawkins Dance Company will be on stage March 12. Founded in 1972, this group is recognized as "one of the visionary leaders of American dance" and regularly tours England, France and Italy as well as the U.S. The Washington Ballet will perform April 30. Founded in 1976 by artistic director Mary Day, its resident choreographer is Choo San Goh, who has performed and created in his native Singapore, Switzerland and the Netherlands. In the United States, he has been commissioned for works by the Joffrey Ballet, the Boston and Dallas companies and the Dance Theatre of Harlem.

Theatrical attractions this spring

will include a third appearance by John Houseman's The Acting Company from Washington's John F. Kennedy Center. Their May 7 offering will be Moliere's 17th century classic satire, "Tartuffe." And there will be new companies as well. Theatre Sans Fil of Montreal, founded in 1971, will bring a large company, including its five master puppeteers, to perform J.R.R. Tolkien's classic story, "The Hobbit," April 24. Feb. 19, the New York Pantomime Theatre's dozen performers will present "Tales of the Goat Man," which director Moni Yakim describes as "an irreverent look at mime through the ages."

In addition to all these visiting performers, the Fine Arts Center's spring program will include five programs by Stony Brook musical groups. University Theatre, under sponsorship of the Department of Theatre Arts, will present two productions this spring: "Another Show" and "She Stoops to Conquer."

Many of these events are part of regular subscription series. The

most popular of these, the Music Series, fills 60 percent of the 1,100 seats of the Main Stage. And some attractions are so strong that seats sell out in advance. For example, the Dance Theatre of Harlem was sold out two weeks before its Stony Brook appearance last autumn.

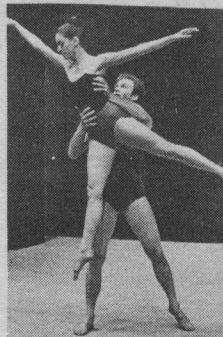
To help alumni attend popular events, the Alumni Association regularly schedules special evenings at the Fine Arts Center. Last fall, for example, the association acquired a block of tickets and conducted receptions after the Chamber Symphony Orchestra concert Nov. 13 and the University Theatre's production of "Little Women" Dec. 4. More than 50 attended the concert and more than 100 watched the play.

Denise Coleman, Alumni Association director, said arrangements are being made for Stony Brook graduates to attend two spring events. Invitations will be sent soon to members.

Individual seats may be reserved for any of the spring events by calling the Box Office, 246-5678. If you would like to have your name on the mailing list for the 1983-84 season brochure, call the Friends office at 246-3371, or send your name and address to the Public Relations Office, Fine Arts Center, SUNY/Stony Brook, NY 11794.



The Acting Company



Erick Hawkins Dance Co.



Theatre Sans Fil

Fine Arts Center Schedule, Spring 1983*

Jan. 27	Saint Louis Symphony Orchestra , Leonard Slatkin, Musical Director and Conductor, Works of Beethoven, Mozart, Tschalkovsky
Feb. 2	Music for Tenor, Horn and Piano , Stony Brook Music Faculty Part of the Wednesday Series
Feb. 7	JAZZ: The Warne Marsh Quartet
Feb. 10	Marilyn Horne , mezzo-soprano
Feb. 12	Stony Brook Chamber Symphony Orchestra Music of Wagner, Haydn and Concerto, with winner of the Master of Music competition
Feb. 19	New York Pantomime Theatre , Moni Yakim "Tales of The Goat Man"
Feb. 23-26	" Another Show ," presented by University Theatre
March 2-5	A new play by playwright-in-residence Lou Peterson
Feb. 26	Toulouse Chamber Orchestra , Michael Debost, flute
March 9	The University Concert Band , Jack Kreiselman, conductor
March 12	Erick Hawkins Dance Company
March 16	The Emerson String Quartet , The resident quartet of the Chamber Music Society of Lincoln Center, Part of the Wednesday Series Works of Beethoven, Bartok and Schubert
March 19	Stony Brook Symphony Orchestra , Arthur Weisberg, conductor Works of Beethoven, Britten and Mahler: Symphony No. 4
April 9	Martina Arroyo , soprano
April 11	JAZZ: The Ben Sidran Trio
April 13-16	" She Stoops to Conquer ," presented by University Theatre
20-23	Oliver Goldsmith's classic satire
April 16	The Beaux Arts Trio
April 24	" The Hobbit ," Produced by Theatre Sans Fil of Montreal, Giant puppets in J.R.R. Tolkien's classic story
April 27	Richard Goode, piano , Part of the Wednesday Series
April 30	The Washington Ballet
May 7	" Tartuffe ," Moliere's comedy John Houseman's The Acting Company
May 11	The University Concert Band , Jack Kreiselman, conductor
May 12	Stony Brook Chamber Symphony Orchestra , David Lawton, conductor

*All events at 8 p.m., except "The Hobbit" April 24 at 4 p.m.

Friends play supporting role in Fine Arts Center productions

Being a Friend of the Fine Arts Center at Stony Brook was once seen as having membership in a somewhat small, exclusive group. D. Terence Netter, the center's director, is pleased that this is no longer true—unless you think of 600 as small and exclusive.

In fact, with the help of Carol Marburger, honorary chairperson, Barbara N. Wien, executive director, and scores of volunteers, he is working hard to increase the membership for 1983-84.

Friends of the Fine Arts Center was founded in 1981 "to help close the gap between income and expenses," Netter explained. "While the state pays for the maintenance of the buildings and the salaries of the staff, our only source of income for programming, until the Friends was established, was the box office."

The benefits work both ways, he pointed out. Members help the Fine Arts Center by forming a strong,

dependable corps of supporters, and the center provides special membership privileges. Seven are listed for the 1983-84 season.

Membership benefits include:

- Ten percent discount on early subscriptions
- Choice of seats for one month before public ticket sales
- Two tickets for the price of one to Stony Brook Symphony Orchestra concerts
- Invitations to all receptions for new show openings at the Fine Arts Center Art Gallery and to other receptions and faculty lectures
- Invitation to an opening night Gala Oct. 1, 1983
- Friends newsletter and a monthly calendar sent by mail
- Membership card and name listed in the program.

All of these benefits are offered for four types of membership:

- Contributing members, donation \$50
- Family members, \$25
- Individual members, \$15

- Special members (students and seniors), \$10.

There are three other levels of membership:

- Supporting members, who have the privilege of giving a guest family membership for one year to a friend; donation \$100.
- Donors, who receive all of these benefits plus two subscriptions to the Wednesday Series; \$250.
- Patrons, who receive everything already listed plus an invitation to a dinner musicale with President Marburger and faculty members of the departments of Art, Music and Theatre Arts.

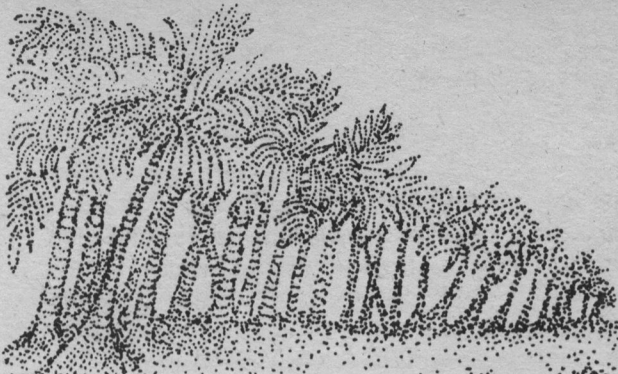
Although the 1983-84 membership drive will not begin officially until spring, Netter has already invited early enrollment with a special holiday note to the present members. In it, he listed some of the artists who will be performing at Stony Brook. For

example, Judith Blegen, Metropolitan Opera soprano, will open the season Oct. 1 followed by the Gala reception for the Friends.

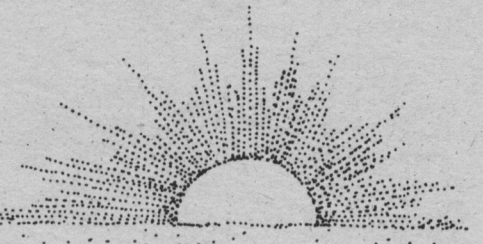
Other highlights of the Music Series will be pianist Peter Serkin in an all-Beethoven concert Oct. 29 and the celebrated Russian violinist, Lazar Gosman, who is on Stony Brook's music faculty, and the Soviet Emigre Orchestra, which he founded and now directs.

Also scheduled in that series are the Chicago Brass Quintet, Feb. 11, 1984; Stuttgart Chamber Orchestra, March 10, 1984; the Academy of St. Martin in the Fields Octet, April 7, 1984; and the Royal Symphony Orchestra of Denmark, May 5, 1984.

Still under negotiation are the attractions for the Dance, Jazz, Theatre and Family Series. But when the programs are set, Director Netter promises, "Friends will receive notification of early subscription before public sales."



Come fly with Alumni



1/83 Rogelio Patilo

As you lean across your car to clear the ice and snow off your windshield, let your mind wander. Instead of grasping that scraper, wouldn't you rather be holding a pina colada, lazing by a tropical lagoon?

The Alumni Association has helped make such daydreams come true, at relatively low cost, since 1972. By offering charter trips through International Weekends' Charter Vacation, Inc., the Association gives victims of wanderlust a chance to travel to places like Europe, Peru, Florida and Puerto Rico for several hundred dollars less than a non-charter vacation booked individually through a travel agency.

Some like it hot

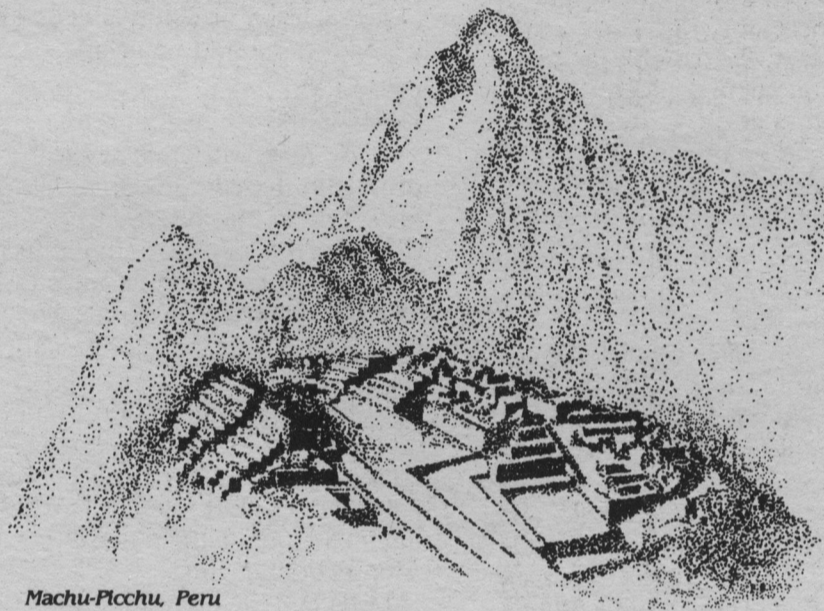
Last year, Adrienne Mirro '75 and husband Frank kept winter at bay just a little longer when they joined other alumni on the Caribbean island of Santo Domingo. "We just baked in that sun and relaxed," recalled Frank.

The Mirros found their week in Santo Domingo to be "one of the finest vacations we've ever had, and certainly not expensive." When not lying under a palm tree, they "walked all over—to old churches and to the markets. We felt safe wherever we went. We really had a great time."

While the Mirros relaxed by the sea, Elisabeth Bohnert '70 and husband Peter explored a mountain peak 8,000 feet high. Their Alumni Association charter took them to Peru's Machu-Picchu, fabled "lost city" of the Inca civilization. "To see this city carved by the Incas out of solid rock was just an incredible thing," Elisabeth marveled.

The vacation "was like something out of *National*

Geographic. People passed us wearing beautiful native costumes. On the way up to Machu-Picchu, we were surrounded by fields of orchids. It was heavenly."



Machu-Picchu, Peru

Their encounter with a different culture provided a few sobering moments, however. "I've never forgotten the poverty of the people in the city of Cuzco. And the altitude there made us feel weak. After a while, I realized that the dogs didn't even bark. They probably didn't have the energy."

Some like it cold

Though many alumni flee the winter for a tropic haven like the Caribbean Islands of Martinique (birthplace of Napoleon's Empress Josephine) or Guadaloupe (last year's most popular winter destination), some ventured out in the cold.

The Bohnerts found Cuzco "quite chilly because of the elevation, but we didn't care—we wanted more than just your typical nightclub and lying-on-the-beach vacation."

Paula Warmuth '71, '75 (M.A.),

who chairs the Alumni Association's travel committee, spent a week in Austria one December. "It was very cold, but Austria sounded so interesting we

couldn't pass it up," she reasoned. Though the Warmuths couldn't fit skiing into their busy schedule, they did attend the opera in Vienna and tour castles on the Rhine. "It was a week or two before Christmas, and the countryside was charming at the that time of year," she remembered.

The most popular year-round destination has been London. Warmuth, one of the 26 travelers who've taken an Association-sponsored trip to that city in the past two years, believes she knows why. "There's just so much to do and see," she recalled. "The Tower of London is fascinating—we stood on the very spot where King Henry VIII kept his wives. The guides pointed out who got beheaded and where."

For the more fainthearted, the Tower also offered a peek at England's Crown Jewels. "We saw four plays, Windsor Castle, Stratford-on-Avon, and a display of World War II airplanes, which my father enjoyed. We even took a hovercraft to Calais, France."

All like to explore

One of Paula's most memorable experiences on an alumni vacation involved not sightseeing, but tracing her roots. She, her parents, husband Greg, and sons Scott and Glen journeyed to Ireland, where they searched for records of Paula's grandfather, John O'Connor. "We had an address from some letters he'd written my grandmother before he

came to America, and we knew he'd arrived somewhere between 1910 and 1920," she said.

"We rented a car and drove around, finally stopping at a bar. When we asked if anyone there had heard of my grandfather, they directed us to a 91-year-old man in the town of Mulloch. It turned out that he had grown up with my grandfather, and he showed us the house where my grandfather had been born. The man even gave us the names and addresses of some of our relatives in the United States that we never knew about."

Many of the alumni cited low cost as one of the reasons why they traveled with the Association. This winter, the Association offers a complete week in Guadaloupe, in mid-January, for \$399. The same vacation could cost \$744 per person, double occupancy, if booked through a travel agency on a non-charter basis. Alumni could spend a week in late January in Disney World for \$229 each, or book the same vacation individually through a travel agency for \$598 each.

Some alumni travelers said they are planning another trip with the Association. Paula Warmuth—who in addition to London, Ireland

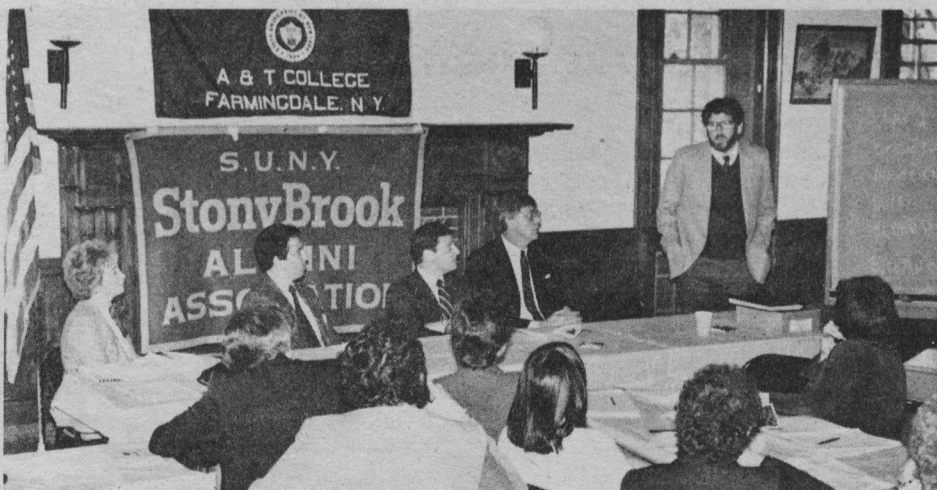


English town

and Austria, has traveled to Spain and Italy on alumni charters—is hooked. "We really got the flavor of each place we stayed in," she said. "Though each country is different, we've learned from and enjoyed every one."

So far this winter, 51 alumni and their families have signed up for trips to places like Montego Bay, Rio and Acapulco. You could merely daydream about it—or you could be one of them.

If you would like more information about travel offered through the Alumni Association, you may write the Alumni Office, 336 Administration Building, SUNY at Stony Brook, Stony Brook, NY 11794 or call (516) 246-7771.



James Meyer, of Queens College, gave a presentation on committee structures at the SUNY Confederation of Alumni Conference on Volunteerism, held Nov. 6 at SUNY, Farmingdale. Len Splvak '64 (seated second from left) moderated the afternoon session. Grace Lee '78, Len Steinback '75, Mary Maher '73, Joe Cassidy '74, Rob Brodsky '78, Bobak Movahedi '82, Carol Davis-Wiebelt '80 and Denise Coleman, Director of Alumni Affairs, attended the day-long conference.

Twenty years and where are you?

"It's still four months away," Martin Meltz '63 said about the class of 1963's 20th-year alumni reunion. "But we've been planning for a long time already and the excitement, the anticipation of seeing the campus again, is starting to build up."

The reunion date has been finalized: Saturday, June 25. The Class of 1973 will also be celebrating a 10th-year reunion simultaneously.

For '63 graduates who haven't been back to the campus in many years, the prospect is a bit mind-

boggling. So, we called a few alumni to see what they have been doing.

Leo Redmond '63,

What Leo finds a bit mind-boggling these days is having a child who's already of college age. His son Dennis, 18, is a plebe this year at the U.S. Naval Academy.

"I suddenly realized how the time has gone by," he said, "as we walked around the academy grounds in Annapolis and I thought: 'Dennis is going here even though it seems like I should still

be on campus myself!'"

Leo's a senior engineer with New Jersey's , Public Service Electric and Gas Co. He also hasn't seen the campus in about ten years.

"I didn't recognize it then, so I'm sure it would be impossible to do so now," he said. "The Health Sciences Center, for example, that's a spot I remember as just a patch of woods. The whole campus in 1963 was like a big mud hole, construction equipment all over the place and straw where they were trying to grow grass."

Leo and wife Kathleen have two other children in addition to their son Dennis: Alison, 16, and Michael, 13. They've been in New Jersey for 11 years, living on Long Island and in Connecticut and Louisiana before that.

Jean Riddell '63,

Even for Jean, who has stayed in touch with the campus on a daily basis it "is somewhat overwhelming the way the campus has changed over all these years."

That observation was from Jean Riddell, who lives in Oakdale and works at Stony Brook.

She's presently a part-time clinic supervisor for BOCES, overseeing dental assistant work performed by high school seniors from 18 western Suffolk school districts in the campus dental clinic.

"I was already married, living off-campus and commuting when I was a student," she said. "That was the case with a lot of us. We came in; we stayed and studied; spent a 12-hour day during the week on campus and even had Saturday classes."

Jean and husband Ike participated in some social events on campus during her undergraduate years, and, have kept in close touch with a few other alumni, going out to dinner together occasionally. They have a son, Ian, 14, and a daughter, Alison, 10. Jean received an M.A.L.S. degree from Stony Brook in 1971. She's now a certified social studies, elementary education and dental assisting teacher and has a cooperative license in distributive education. In addition to her BOCES position, she teaches dental radiology part-time at Suffolk County Community College.

John Unrath '63,

John has been a computer engineer with General Electric Corporation in Pittsfield, MA, for 20 years. "I've been



back maybe once in 20 years, about 10 years ago; that's why I think I'll try to make it for this reunion," he said. "My impression of Stony Brook these days comes from what I read—every third article seems to be about Stony Brook—that place has got to be big, very, very big!"

Ten years ago, John earned an M.B.A. from Western New England College. Today, he and wife Sally, have two children: Elizabeth, 4½, and Nathaniel, 2½. He's an accomplished sailor, frequently seen on Pittsfield's Pontoosuc Lake in his 14-foot laser sailboat.

He's kept in touch with a few members of his class, such as Michael Levy, who, John said, is now a lieutenant colonel in the U.S. Air Force. Michael works in communications in Anchorage, AK, but is planning to "move back to the lower 48" this summer.

John, Leo and Jean shared a little bit of their lives with us because they were randomly selected. Most likely, other alumni from the class of 1963 want to hear more about the lives of their classmates, or just want to be able to relax and share some memories of the days of blooming flower beds, make-shift dorms and good times. The Alumni Office will be contacting you with more information about your reunion.



Ringing for members

After most University employees had gone home one night in November, the third floor of the Administration Building still had many of its lights on. Some students and alumni were eating pizza and tying up University telephone lines.

But Stony Brook administrators didn't mind. In fact, Alumni Affairs Director Denise Coleman encouraged the callers.

It was the first Alumni Association Phonathon, held to ask nonactive members to join the Association and to invite those with lapsed memberships back into the fold. During a three-night period, 10 phonathon workers had raised \$3,500 in membership pledges by 178 alumni. It was reported at the Dec. 5 Association board meeting that more than \$1,000 had already been received.

"The purpose was not only to raise money," explained Phonathon organizer Len Steinbach '75. The Association Vice President continued, "We wanted to establish some personal contact with the alumni. The callers took notes on what the alumni said, to get some feedback from them on what they want from the Alumni Association."

The outreach was also intended to "bring alumni up to date. For example, we wanted to make sure they know that at least 5 percent of alumni funding goes toward scholarships for current students. And I think the alumni enjoyed talking to the students."

Some student-alumni conversations were beneficial to

both parties. Jennifer Bienstock '84, an aspiring lawyer, contacted an alumnus who happened to be in his second year of law school. After Jennifer filled him in on what the Alumni Association had to offer, they chatted about LSATs and professors they'd had in common. His advice: "Study hard." Her advice: "Join the Association!" Robert Kushner '76 asked her to sign him up.

Although each caller used a different approach, Jeffrey Zoldan '83 developed a particularly successful repartee. "Most of my alumni turned out to be chiropractors or podiatrists," he said. "They're really cool people, so I'd ask them about my back or my foot. Then I'd tell them I wanted to put them down as a new member. They'd always say, 'Sure.'" In his first few hours of fundraising, Jeff (a former telephone sales employee for typewriter ribbons) recruited 12 new members.

JoAnn Giles '83 put the expertise gained from telephone sales and door-to-door fundraising to work for the Phonathon. ("This is a lot more satisfying than selling aluminum siding—and easier, too.")

A bit of friendly competition among the callers and words of support from Denise Coleman kept the level of enthusiasm high.

After toasting callers with champagne at the Phonathon's end, Denise Coleman commented on their efforts. "This was a pilot project that succeeded with the enthusiasm and hard work of our Phonathon callers," she said. "I've asked them to return for a full-scale Phonathon this spring."

Project Career: Reaching out to our alumni

Stony Brook's Career Development Office is creating a pool of resource people willing to help undecided students with career information and advice. Project CAREER (Contacting Alumni as Relevant Educational and Experiential Resources), is a program that will consist of an indexed file of alumni who volunteer to meet with students to share their professional experiences. Those who wish further information should fill out the accompanying form and return it to:

Laurie Johnson, Assistant Director
Office of Career Development
W 0550 Melville Library
State University of New York at
Stony Brook
Stony Brook, New York 11794

Project CAREER

(Contacting Alumni as Relevant Educational and Experiential Resources)

State University of New York at Stony Brook

Yes, I would like to have more information about participating.

Name _____ Class Year _____

Address _____
Street _____

Town _____ State _____ Zip _____

Telephone: _____
(area code) _____

Academic major: _____

Occupation/profession: _____

Hoop-la spells school spirit

The school-spirit program, Hoop-la, was appropriately named... "hoop" as in basketball and "hoop-la" as in lots of attention. The men's and women's basketball teams played intra-squad games, giving their fans the first opportunity to see such veterans as Keith Martin and Agnes Ferro in action against some of the new players.

But the evening's highlight for many of the fans—the crowd throughout the five-hour program varied between 300 and 500 and involved an estimated 750 all together—was the introduction of the new groups: Kickline, Pep Band and Cheerleaders.

Joan Murphy, who was captain of the informal cheering squad during the 1981-82 sports season, is coaching a 14-member squad that has new uniforms, courtesy of the Stony Brook Foundation, and several intricate new routines for the basketball season.

Diane McLaughlin, formerly with the New York Jets kickline, is coaching the Patriots' line—18 members with three alternates, all in costume. The line performed its debut to recorded music at Hoop-la, and has appeared at several home games since.

Introduced to play a selection was the core of a Pep Band that John W. Ramsey, the men's athletic director, is



Hoopla celebrated traditional winter sports teams and their captains and new sports spirit teams. Interspersed throughout the afternoon were intra-squad basketball contests and introductions of the Kickline (above), Cheerleaders (seated) and the Pep Band.

attempting to form. The group has since appealed to the Department of Music for appointment of an advisor from among the faculty or graduate students and the use of instruments and scores. Professor Ramsey feels confident that an organization with eight or ten members will be prepared to appear at Patriots' games by 1983-84.

Also introduced at Hoop-la were the captains and coaches of all winter sports teams. The new Cycling Club team's members made a hit by making several laps of the basketball court

on their bikes.

Professor Sandy Weeden, director of women's athletics, and Prof. Ramsey said the 1982 Hoop-la was so well received they have already begun plans for the 1983 second annual event. Having the basketball teams play regional rivals, rather than intra-squad games, is one of the major changes under consideration.

CLASSNOTES

(continued from page 11)

81 Robert Wimpfheimer recently bought an old 20-room house in Far Rockaway with another family. They are starting a christian community there, called "Trinity House," which provides a place for people in need to stay.

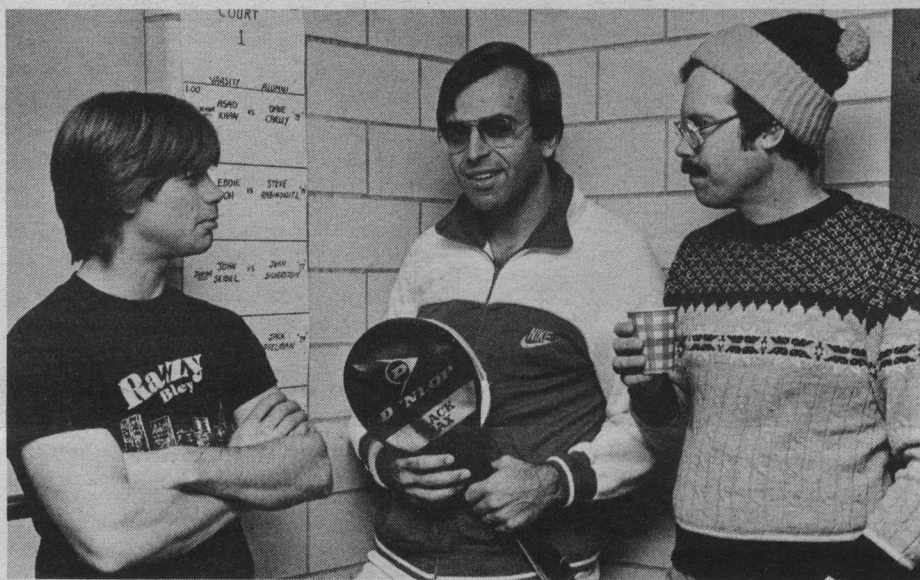
82 John Mitchell received a Ph.D. in mathematics from Stony Brook and was awarded a Hedrick Assistant Professorship this year...**Arthur Wei-Chung Chou** is assistant professor of mathematics at Clark University.

Marriages

David Siegel '73 to Susan Karsh, June 6...**Michele D. Zuckerman '77** was married Aug. 1...**Mitchell Ackerson '79** to Beth Hammer, Sept. 17...**Zigmunos Putmins '79** to Cathy Benson, Oct. 31. The honeymoon was in London...**Michael Oil '80** to Beth Mara Sorrel in November. Michael is a third-year student at the NYU College of Dentistry.

Births

Marilyn Spiegel Schultz '70 and **Stephen Schultz '71** had their first child, Allison Rachel, March 11...**Diane James Benjamin '71**, son Daniel, in April. She received an M.S. in parasitology from the University of Pennsylvania and married "the Englishman of her dreams." They live in England with their two sons...**Vincent J. Montalbano '71**, Peter Dominic, born in September.



The victory felt great to the former squash players who rallied Dec. 11 against the varsity Patriot team. The 11-4 finish captured the second win only to be had by the alumni in the 14 years of their annual contest. Neal Vohr '82, All-American for the Patriots (left) takes a breather from the competition with two 1968 graduates, Pete Schultheiss, who teaches in the Brentwood school system, and Bob Wittmer, a vice president with European-American Bank.



Raymond M. Berger '72, author of *Gay and Gray*, reveals the problems that exist for the older homosexual male through a combination of 6 case histories and 100 questionnaires. Dr. Berger is an assistant professor in the School of Social Work at the University of Illinois at Urbana-Champaign. Currently a member of the editorial board of *Social Work*, he is also a part-time outpatient clinician for a local mental health center. In 1979 he was voted Humanitarian of the Year for his work with older gay men and women in the community where this study was conducted.

Special to Alumni YEARBOOKS

The editors of *Specula*, the yearbook at Stony Brook, have back copies you may have been meaning to acquire and just never got around to making the order. The purchase price includes the book itself, mailing/handling charges and a donation to the Alumni Association. You can get copies of these yearly records with full color photos that are bound in hard cover, by filling out the accompanying coupon and mailing it with your check made out to SPECULA, to:

Editor, *Specula*
Stony Brook Union
State University of New York at
Stony Brook
Stony Brook, New York 11794

Please send copies of *Specula*, the Stony Brook yearbook, as indicated:
1982 1981 1980 1976 1970 1967 1966

Note: Some supplies are limited. Orders will be filled on a first come-first served basis. Allow 4-6 weeks for delivery.

Enclose check, made out to *Specula*, (\$25 for each copy):

_____ copies at \$25 each - Enclosed total: \$ _____

Name _____ Class Year _____

Address _____
Street

Town _____ State _____ Zip _____



Reel to real job success

Elizabeth Margosian '79 has a new career in the field of biomedical communications—and she gives much of the credit to Stony Brook's Educational Communications Center (ECC).

Unable to fly to a job interview in Tennessee, she remembered the videotape facilities at ECC. Lewis Lusardi, director of ECC, authorized a 10-minute tape in which Margosian was able to summarize her experience and show some of her photographic work. In addition to her Stony Brook studies, she had earned a second B.S. in 1982 from Grand Valley State College, Allendale, MI in biomedical communications and had interned at Butterworth Hospital in Grand Rapids.

After seeing her videotape "Interview," the College of Medicine at

the University of Eastern Tennessee at Johnson City sent Elizabeth a tape—showing the photo facilities, the campus and even a slide show about the university. With it came an invitation to serve as the medical photographer for UET's faculty and three affiliated hospitals. She began her work mid-January.

No one could have been more pleased with the Selden resident's success than Lew Lusardi. He had somehow scheduled the Margosian videotape between 10 half-hour tapes produced for the School of Medicine, 22 tapes for the Department of Chemistry, two for the Marine Sciences Research Center and another dozen turned out recently.

CLASSNOTES

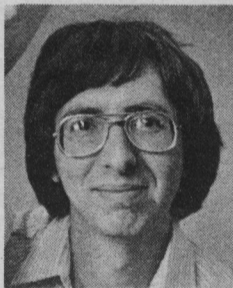
66 **Steven Zornetzer** is professor of pharmacology at the University of California, Irvine. He, wife Michelle and daughter Heather live in Carlsbad, CA.

67 **Bruce Betker** is project manager for NASA in Huntsville, AL. He has also produced 55 television shows...**Susan Wendell** is co-editor of a book titled *Pornography and Censorship*.

68 **Jack Guameri** and wife **Dale** '69 have been organizing fund raising road races for the Blue Point Lions Club and the Lung Association for four years...**Robert A. Pugsley** is professor of law at Southwestern University of Law...**Howard Zern** was promoted to vice president in the Human Resources Department at Hartford National Bank.

69 **Jay Alpern** has been a dentist in Delray Beach, FL for 19 years. His wife, **Diane** '67, is assistant professor of social work at Florida Atlantic University. They have two daughters...**Ronald Braun** and wife **Carol** '72 have three children: Debra, Karen and Diane...**Barry S. Hecht** is an attorney in Parkchester. He and wife Madeline had a child, Andrea, in 1981...**Myron W. Landin**, CPA, became a partner in Hultz Rubenstein & Co., a leading accounting firm...**Meryl L. Seidner** is a clinical psychologist in private practice in the Cincinnati area. She has two sons: Seth and Paul.

70 **Walter Jacobs** is the newest family practitioner in North Andover, MA...One of New York City's more unusual dating services, the N.Y. Singles Date Phone, is being run by **Len Rachlin**, a former photographer for *Statesman* and *University News Service* during his undergraduate years. "I still do some photography," Len reports, "but am much more interested and involved now in figurative sculpture."



71 **Alan Adler** married **Karen Smolensky** '72...**Marie Armentano** received her M.D. from Georgetown University, and now has her own psychiatric practice in Boston, MA...**Bruce Barton** married **Eileen Topol** '75. They have a daughter, Rachel. Bruce is manager of computer systems at National Nuclear Data Center...**Ira S. Bloomfield** graduated from Washington University School of Medicine. He is presently chief of emergency medicine at Palmetto General Hospital in Hialeah, FL...**Leonard Cohen**, M.D. has opened an office for the practice of adult and pediatric allergy and immunology in West Hartford Center, CT...**Margery Kashman** teaches English at Hewlett High School. Her husband, **David Kashman** '72, is a partner at Gottlieb, Rackman & Reisman, P.C. They have a 4-year-old daughter, Rebecca...**Stephen A. Marcus** is an attorney in Van Nuys, CA...**Daniel J. Metcalfe** is a trial attorney in Washington, DC...**Stephen Sevush** and **Elaine Gluffrida** '72 are living in Miami, FL with their two children. Stephen is assistant professor of neurology at the University of Miami.

72 **Fred Baron** is engaged to be married in May to Janet Cowry...**William Benedict** has been elected to the board of trustees of the Covenant of the Sacred Heart, Greenwich, CT...**Shirley Sosnowitz Berger** attends Seton Hall Law School in NJ. Her husband, **Joel Berger** '72, is a Ph.D. candidate in biochemistry at Rutgers University. They have two sons...**Norman Ellis** is on the music faculty at CUNY. He's owner of a recording studio in Brooklyn Heights and ran nationally on CBS television in 1979 and 1980...**Albert R. Kalter**, D.C. is in private practice of chiropractics in CT...**Stephen Kaplan** is publishing his second book: *Vampires Are, E.T.C.* Publications, Palm Springs, CA. He will be the guest speaker at the International parapsychology show at the Rick Shaw in Cherry Hill, NJ...**Sanders L. Kurtz** married **Joan Rubbin** '72. They have two children. Sanders is in private law practice in Bay Shore...**Doris Anne McMullen** is performing at the Stony Brook Fine Arts Center in the duo piano team, McMullen-Holroyd, in February 1983...**Anthony F. Sobey** and wife **Está Drucker Sobey** '72 are living in Massachusetts. Anthony has been a physician of internal medicine for 3-1/2 years. They have a 3-year-old son Steven, and are expecting a second child...**Kenneth Staudte** married **Martha Fitchett** '74. Kenneth is supervising in the Environmental Department for N.J. Electric Utility. Martha is enrolled in a master's program in English at Fairleigh Dickinson. They have a daughter, Catherine...**Frederick Sternlicht** is back in the Stony Brook area working for the Exploring Division of Scouting-USA.

73 **Louis S. Rupnick** is assistant professor of sociology/psychology at Suffolk Community College in Riverhead...**Lucy Schwartz** will be living outside of London with Air Force husband, Rick, and son Abram for the next five years...**David Siegel** is practicing pediatrics in the Washington, DC suburbs. He is also assistant professor of pediatrics at the Childrens Hospital National Medical Center, DC.

74 **Lawrence S. Alper** is assistant principal of Fieldston School in Riverdale...**Mary Margaret Beer**, who obtained an M.S.W., is a marriage counselor. She married William Gunst, and they have a baby boy...**Flutist Carol A. Nissen** performed recently at the Jazz Gallery in New York...**Richard J. Smith** has retired from the Locust Valley school board where he was assistant superintendent of schools for 21 years.

75 **Eileen Topol** Barton married **Bruce Barton** '71. They have a 2 1/2-year-old daughter, Rachel...**Steven Benjamin** earned an M.A. in computer science from SUNY Binghamton and is teaching at Mahareshi International University in Fairfield, IA...**Alan P. Bloomfield** has been an attorney for the NY state workers compensation board since 1980. He is on the Florida and New York Bars...**Anne Dixon**, Eastern Long Island Hospital's director of nursing, toured health facilities in China as a member of the People to People ambassador, nursing delegation...**Jane**

Hyland is engaged to J. Cowan D. Stark of New Jersey. A spring wedding is planned...**Bryan Swartz** and wife **Shira** have relocated to the Washington, DC area, where he began work as a contracts administrator with Computer Sciences Corporation...**Carol Wister** is project manager for a firm specializing in typesetting and cataloging systems for the publishing and library industries. She lives in Long Beach, CA.

76 **Barry M. Frohlinger** has been in the banking business for four years. He recently joined Texas Commerce in international finance. He is living in Manhattan and is active in sports...**Mike Garofolo** has been appointed head coach of the baseball team at Stony Brook. He had been assistant coach for two years...**Robert Guss** and wife **Shari** '79 moved to Selden. Robert will open a chiropractic office in Setauket...**Dr. Jay A. Kerner** specializes in the diagnosis and treatment of foot disorders associated with children and athletes...**Mark Kester**, who received his doctorate degree in physiology, is now a post-doctoral fellow of the Muscular Dystrophy Association at The University of Illinois Medical Center at Chicago...**Lou Manna** is the subject of a "Profile of Versatile Photographer" feature article in *The*



Rangefinder photography magazine's September issue. Lou was 19, still a Stony Brook student, when he approached photo editor Robert Klein at *The New York Times* and landed his first *Times* assignment the same day. That assignment led to a photo which renowned photographer Richard Avedon called the best he'd ever seen in a newspaper. Since then, Lou has become known for his photos of food prepared by *Times* food critic Craig Claiborne. He is a sought-after corporate and commercial photographer with an impressive client list. Lou remains in close touch with the campus as a member of the Alumni Association Board of Directors...**Donald McGraw**, M.D., was named corporate medical director and manager of occupational health and product safety of Koppers Co. Inc., Pittsburgh...**Mitchell Myles Rubin** is an oral and maxillofacial surgery resident at Nassau County Medical Center...**Rachel Shuster** has joined the sports department of *USA Today*, a new national daily newspaper based in Washington, DC...**Peter Taormino** completed his doctorate, specializing in podiatric medicine in 1981 from NYCPM. He is a self-employed podiatrist...**Henry Tabickman**, who teaches film and English at the Paul D. Schreiber High School in Port Washington, delivered a lecture at Stony Brook. It was titled "The Future of Media With Respect to Teaching English on a Secondary Level." As guest speaker, he presented excerpts from *That's Entertainment*, *Singing in the Rain* and *Lady Who Sings The Blues*, which clearly illustrated that films can be used as a potent educational tool, to an enthusiastic audience...Despite the recession, **Robert J. William's** private practice of medicine is beginning to increase.

77 **Stephen Ciabrone** has been named a systems officer of National Bank of North America...**Yoe Itokawa** is a visiting assistant professor of mathematics at Colgate University...**Kevin R. Kehoe** is attending the American Graduate School of International Management in Arizona...**Milton Leslie** has a private psychotherapy practice and is lecturing and teaching at South Oaks Hospital and Nassau County Department of Drug and Alcohol...**Mary Reay** will teach privately and pursue work in watercolor, oil, acrylics and copper enameling...**Edward Reiner** is a corporate planner for a rapidly growing medical communications company...**Dr. John R. Suler** was appointed assistant professor of psychology at Rider College for the 1982-83 year...**David M. Treiman** became a partner in Balsam & Morris in October. In August 1979 he was married, and he and his wife are expecting a child in December.

78 Dr. **Diane Bloomfield** is one of the winners of the prestigious Henry J. Kaiser Family Foundation merit award. **Arleen C. Gargulo** is a vocal soprano soloist, piano teacher and choir director. She has been married 20 years to Nicholas Gargulo and has three children...**Alan Glueckert** is the chairperson for elementary art at Half Hollow Hills School. He is married and has two children...**George Lasher** is an engineer residing in Kings Park. He is co-coach for the 1982-83 SB ice hockey team...**Rich Levchuck** is an attorney living in Commack. He is also co-coach for the 1982-83 SB ice hockey team...**Venise Mule-Glass**, a physical therapy graduate, specializes in orthopedics and sports medicine, offering such services as computerized isolated-joint testing and rehabilitative exercise...**Edwin Wells** teaches part time at Nassau Community College and full time at Sewanhaka High School.

79 **Ana Arango** is in the fields of aviation, admiralty and negligence law. Special interests include working with the Hispanic population...**Patricia Buonaguro**, an instructor of typesetting and word processing, is recipient of this year's Instructor of the Year Award, given by the Berkely School of Hicksville...**Angela Curiale** obtained an M.S. in social work from Columbia University in 1981. She is now an assistant to Congressman Mario Blaggi...**Margery Deutsch** is an associate conductor for the Shreveport, LA symphony. She conducts more than 50 concerts a year...**William Frellich** has just become associated with a Manhattan law firm...**James J. Hannan** was promoted to vice president of engineering for Warner Cable Corporation of Pittsburgh.

80 **Patrick Chang** is completing a doctorate in higher education at Teachers College, Columbia University. He is engaged to be married in July...**Paul Diamond** still holds the regional championship in changing addresses according to the Alumni Office. This makes it ten times in five years. Do you know where Paul is?...**Dr. Dominic Medina** received a doctor of dental surgery degree in 1980 from Stony Brook. He will limit his practice to periodontics...**John Schooley** is a physician's assistant at the George Robertson Health Center in Maine...**David W. Teirney** recently began his studies at the New England College of Optometry.

(continued on page 10)



Communicating
through busy
skyways
(page 3)

State University
of New York
at Stony Brook
Vol. 14, No. 3
Jan./Feb. 1983

Stony Brook People

Children's center readies for perplexing Reye's Syndrome

Just as January brings cold weather, so does it bring many of the childhood ailments that are linked to a newly recognized disease, Reye's Syndrome.

Dr. John C. Partin, head of the Department of Pediatrics in the School of Medicine as well as the University Hospital, is one leader among the growing number of physicians and health practitioners who is prepared to intensify research into the causes of the often fatal disease.

As January arrived this year, Partin and research associate, wife Jacqueline Partin, were girding for the anticipated increase in young patients suffering from rare complications of common childhood virus infections, such as influenza and chicken pox. These complications were first identified as a separate disease in 1963 by Australian pathologist R. Douglas Reye. (The name rhymes with eye.)

By December, the Reye's Syndrome Research Center at the HSC's Children's Service had already mailed nearly a thousand letters and packets of brochures to practicing physicians and other health care practitioners, including public health and school nurses. Informational sessions are being conducted with hospital staffs and other health and parent groups on Long Island, Dr. Partin said.

The foundation for this program was laid a year ago when Dr. Partin conducted an awareness symposium at the Health Sciences Center. The watchword remains: "Early diagnosis. A child's life can depend on it."

Research continues in the Partin laboratory as well. "There is evidence that most (Reye's Syndrome) patients have viral proliferation," Dr. Partin said. "With new equipment expected in the next year, we propose to capture these viruses to investigate their molecular structure, and to

compare them with other virus outbreaks."

He explains that "Reye's Syndrome begins three to seven days after the first symptoms of influenza or chicken pox. The vomiting may be persistent and severe. It is frequently associated with drowsiness, lack of interest in ordinary things such as television, outright delirium with screaming or, sometimes, coma with strange posturing of the body."

He continued: "We can expect to see about 35 cases of Reye's Syndrome in Suffolk County (Stony Brook's surrounding county) each year. Reye's Syndrome is a life-threatening illness because it can produce serious liver and brain damage. Early treatment may prevent brain damage (which can occur as little as 12 hours after vomiting) and therefore early diagnosis is very important."

One of every four children (between 600-1,200 per year) it strikes suffers brain damage or dies from the syndrome. Suffolk County has had several deaths attributed to the disease in the past year. Twelve-year-old Christopher Schmidt died at University Hospital late last spring. In his memory, the Suffolk County Police Department's Fourth Precinct, where Chris' father Harold is a member, conducted a benefit softball tournament in August. The \$10,000 donated to University Hospital, Dr. Partin reported, will help equip the Children's Service research laboratory.

Planned for the lab is a \$250,000 electron microscope that will be used in genetic structure research, not only for Reye's Syndrome but also for other childhood diseases and conditions. The money from the Christopher Schmidt memorial, for example, will help provide the sophisticated photographic equipment that will be used with the electron microscope. "It is very important," Dr. Partin said, "to have photographic records of such significant research."

Associated with aspirin?

One of the major areas of research in Reye's Syndrome deals with common aspirin. The federal government's Communicable Diseases Center in Atlanta last summer warned the public of the possible association of aspirin to the disease. A Federal Drug Administration workshop where Dr. Partin served as a consultant, recommended to the Surgeon General a mandatory label warning on aspirin containers. "The FDA backed off a little from this," Dr. Partin said, "although it did issue a warning to physicians."

Dr. Partin is cautious himself to relate aspirin to Reye's Syndrome. "The evidence that aspirin is a cause is somewhat circumstantial," he said. "There is some evidence that aspirin may be an additive or injuring agent. We've argued that it is foolish to take a chance. Our data indicates the worst cases have aspirin in the background. If aspirin plays a part, it might be to make an already sick person worse. Nor is there proof that

aspirin is beneficial except in reducing fever and the misery that accompany it.

"If you could take 10,000 children who have been ill and who did not take aspirin, and compare them with 10,000 children who were ill and who took aspirin, you would be able then to determine how many had complaints or even toxicity caused by aspirin. That kind of information is unavailable, even though aspirin has been on the market for 50 years."

Dr. Partin continued: "There is some clinical evidence that in influenza cases aspirin might prolong the multiplication of the virus. The data from our research has shown that most patients who have taken aspirin have viral proliferation."

But research is far from any final conclusions, he emphasized. Dr. Partin's interest in educating the public about Reye's Syndrome is twofold: To lessen the occurrences and to encourage donations that help maintain and improve the research necessary to find important answers. "With equipment like the electron microscope," Dr. Partin said, "we can do studies not previously possible in many childhood diseases."

Information, including pamphlets, is available by writing: Reye's Syndrome Research Center, The Children's Service, State University of New York at Stony Brook, Stony Brook, NY 11794.

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Year: _____