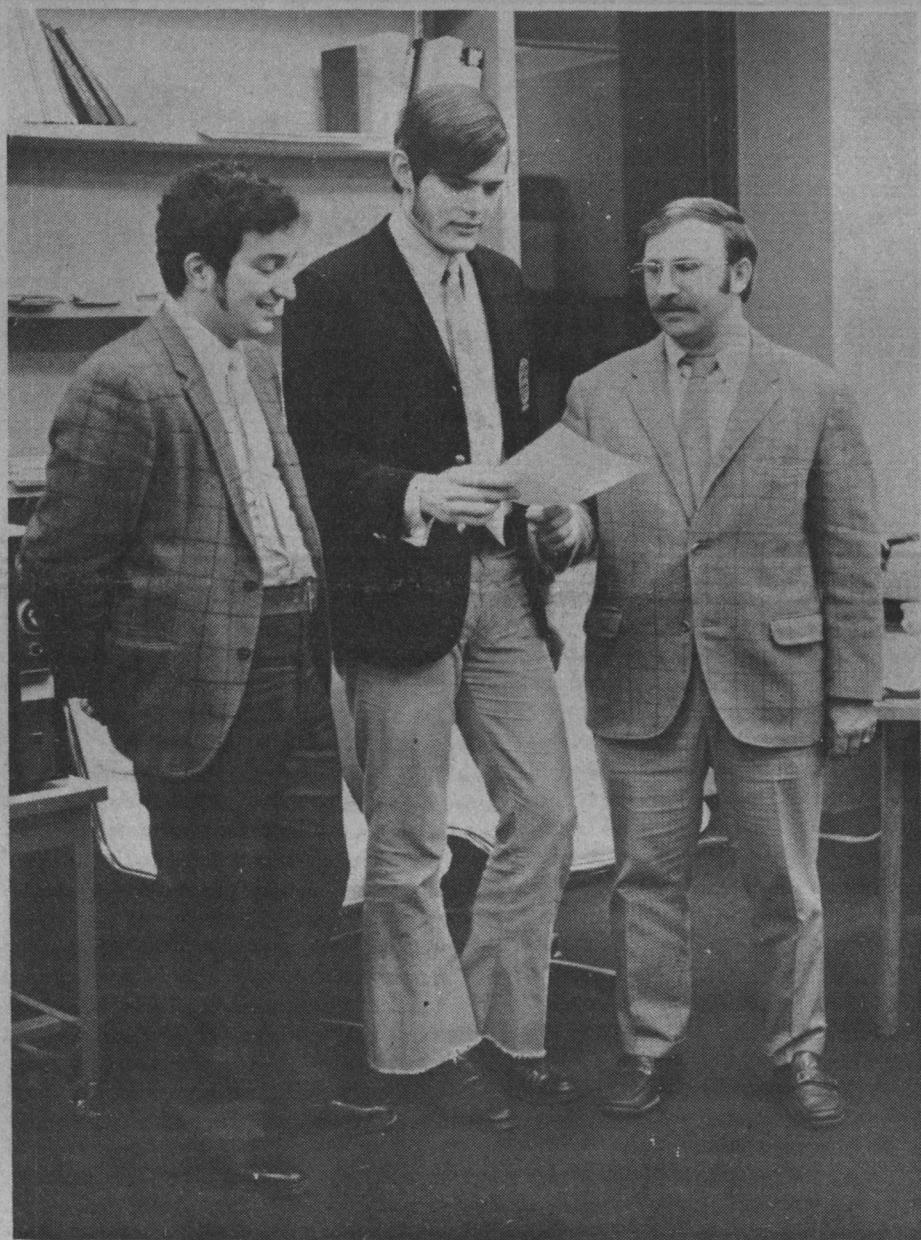


Stony Brook People



Sophomore Christopher Ryba (center) receives a certificate naming him recipient of the Ashley Schiff Alumni Scholarship. Presenting him with the award are Jack Guarneri '68 (left), chairman of the scholarship committee, and Joseph Van Denburg '69, vice president of the Alumni Association.

Chris Ryba '74 Wins Alumni Scholarship

The Ashley Schiff Alumni Scholarship was awarded this year to Christopher Ryba, a 19-year-old sophomore majoring in Environmental Studies, one of the two new interdisciplinary programs begun this academic year.

The annual alumni award honors Dr. Ashley Schiff, the popular political-science professor and Master of Cardozo College, who died in 1969. He was a deeply dedicated conservationist in whose name the University dedicated a 12-acre natural preserve near the South Campus. In awarding the annual scholarship, the alumni award committee gives preference to applicants with an interest in environmental problems. As an

Environmental Studies major, Mr. Ryba approaches the study of ecology from such varied perspectives as biology, chemistry, economics, marine sciences, physics and sociology.

Mr. Ryba, who comes from New Britain, Conn., stands 6'6" tall, pitches for the Patriot baseball team and plays forward on the basketball team. He received the \$200 cash award recently at the Alumni Association office on campus. The presentation was made by Joseph Van Denburg '69, vice president of the Alumni Association.

Reception for Alumni to Precede Alumni Basketball Night Feb. 12

Final arrangements have been completed for Saturday, February 12's Alumni Basketball Night on campus. The Patriots meet Kings Point in an important Knickerbocker Conference game at 8 p.m. that night. For \$2 per person, alumni will receive reserved seats at the game and admission to a pre-game alumni reception at the Stony Brook Union.

Free beer and soda will be served at the 6:45-7:45 p.m. reception to be held in the Stony Brook Union's second floor Buffeteria.

Head Basketball Coach Donald Coveleski, 25, one of the nation's youngest head coaches, is expected to speak at the reception.

At halftime during the game, coaches returning for basketball night and outstanding former players will be introduced. In addition, the Alumni Association's Senior Athlete Award, recognizing outstanding academic achievement, will be presented.

The game itself may turn out to be something of a grudge match as a result of an earlier meeting between the two teams, during the Schaefer Long Island College Basketball Tournament in December. The Patriots, in one of their finest performances, upset defending champion C. W. Post 75-56 for the tournament championship in the four-year college division. On their way to the title, they dropped N.Y. Tech 92-79, avenging a second-round defeat by that team last season. And, they defeated Kings Point 87-69 in the semi-finals.

Kings Point's Mariners tied with the Patriots last season for second place in the Knickerbocker Conference, behind League champion Hunter. Their meeting with the Patriots in the Schaefer Tournament didn't count in Conference competition, but the Alumni Basketball Night contest will, and the Mariners will be gunning for victory.

As the current season started, Coach Coveleski, in his first year as head coach after guiding the freshmen to a 16-2 mark last year, said he had two goals: winning the Schaefer Tournament and regaining the Knick Conference crown from Hunter. So far, it's one down, one to go.

At the mid-season break, the Patriots were 6-2 overall and 2-0 in the Knick Conference. In addition to their Schaefer Tournament wins over N.Y. Tech, Kings

Point and Post, the Patriots defeated Binghamton (88-64) in a non-league game, and breezed by Brooklyn College (95-56) and Pratt (110-71) in Conference play. The two losses, both non-league games, were to Albany (69-62) and Maine (74-65). In the Brooklyn College and Pratt games, the Patriots set two single-game scoring records back to back, first breaking the old record of 94 points (notched against Maine last year), and then breaking that one three days later with the 110-point score against Pratt.

Alumni Basketball Night tickets are available at the Alumni Office through Feb. 9, or may be obtained by using the coupon on page 2.

Alumni Weekend Set For May 27-28

Alumni Weekend this year is being planned for May 27-28, the same weekend as Commencement.

A ferryboat ride on the Sound probably will be held by the Alumni Association on Saturday night, May 27, for returning alumni and about-to-be alumni, the members of the Class of '72. Returning alumni will be invited to participate in Commencement programs on Sunday, May 28.

Other plans are in the works, including a special 10th anniversary observance for the Class of 1962. Mark your calendar now, and see the next (March) issue of *Stony Brook People* for further details.

Alumni Association Totals 350 Members

Thirty-three alumni became active members of the Alumni Association this month, bringing the year's active membership total to date to more than about 350 persons. The membership drive is continuing. (See the coupon in this issue.)

The membership fee is a nominal \$2, but the funds it generates permit the Association to continue its programs and further its interests. These, Association President Marvin Rosenberg '62, said in a recent

(continued on page 2)

Champions

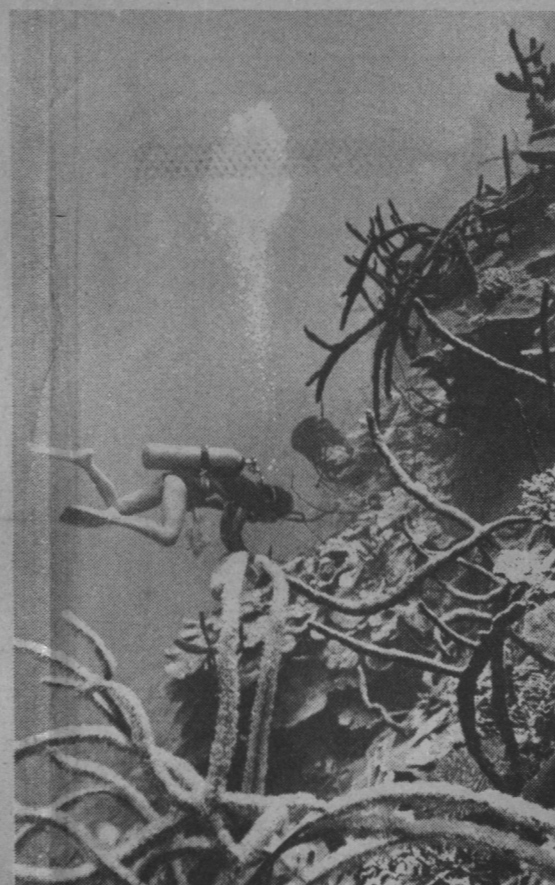
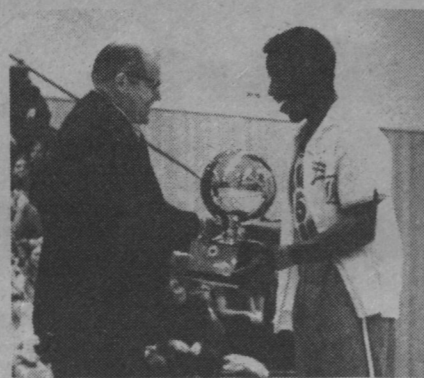


The Patriots won the Schaefer Long Island Tournament in December. President Toll and captain Bill Myrick were proud recipients of the basketball-shaped trophy and the University has, for a year, the beer keg trophy pictured here. Art King (44), shown in an action shot, was Most Valuable Player in the Tournament. The Patriots are (kneeling) Jack Cohen, manager, Steve Skrenta, Kevin McNelis, Bill Myrick, Wilbur Jackson, Jim Murphy, Carl Hunter, Mike Luffler, manager, and (standing) Don Coveleski, head coach, Art King, Eric Shapiro, Roger Howard, Rick Scharnberg, Chris Ryba, Bill Graham, Carl Kaiser, Jim Jones, Tom Costello, assistant coach.

Basketball photos by Steve Meyer

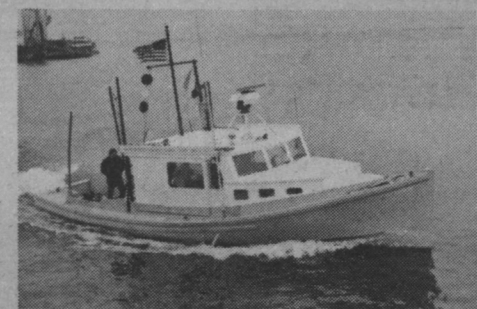
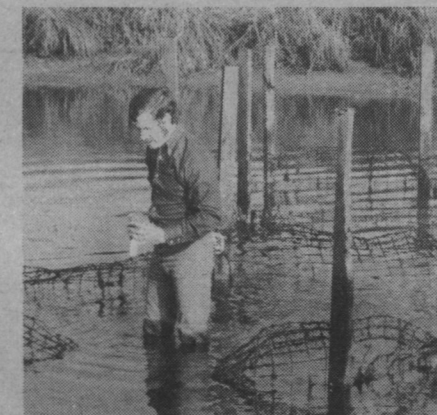


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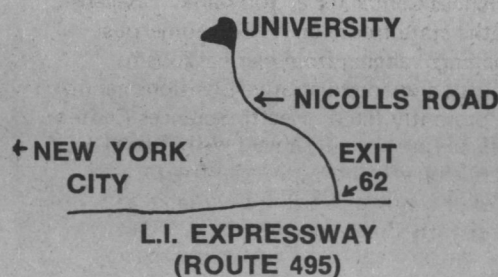


The Wet Ones

Members of the Marine Sciences Research Center probe the conditions above, in, around and under water in these photos of their research vessel Micmac on Long Island waters, New York harbor, the coral reef off Discovery Bay Laboratory in Jamaica, and the Flax Pond research facility in Old Field.



Faster Way to SUSB



With the completion of Nicolls Road from Stony Brook south to the Long Island Expressway, the University becomes more accessible to traffic from New York City, as well as from eastern and western parts of Long Island.

Visitors to the campus can now leave the Expressway at Exit 62, marked "Stony Brook, Nicolls Road," and follow the new highway north for nine miles to the University entrance. The new stretch of highway simplifies travel to the campus and cuts down the length of time it takes to reach the University from the Expressway to about ten minutes.

The University can now be approached from either of two traffic-light entrances on Nicolls Road. From the Expressway, the first entrance reached is at the South Campus, the second at the main campus gatehouse. Visitors are encouraged to stop at the gatehouse for a parking permit, campus map and directions.

Where You're At

A review of the alumni mailing list has shown that although 90% of Stony Brook alumni live in New York State, 38 states and 12 foreign countries are home to others.

More than half of the University's 5000 alumni live on Long Island, nearly 200 in the Three Village area. About 1000 live in New York City and over 300 upstate.

Other states with the greatest number of alumni are California, New Jersey, Maryland, Massachusetts, Pennsylvania, Connecticut, Florida, Virginia and Texas, in that order. Some alumni are living in Canada, Mexico, Europe, Japan, Kenya, Colombia, India, the Philippines and Yugoslavia.

350 Members

(continued from page 1)

letter to 1971 graduates, "simply stated, are based on the often proved premise that one's relationship with a university cannot end with graduation, especially in this day when education is a lifelong process. A two-way relationship inevitably exists between a university and its graduates: what they do reflects on and influences the university, just as the university's achievements or setbacks affect its alumni."

New active (paid) members added to Alumni Association rolls this month are:

Andrea Avanzino '69; Allithe Bloch '68; Benjamin Demps '71; James Feltman '69; Linda Feltman '69; Richard Firestone '69; Robert Grauman '70; Maria (Rivera) Hartman '68; Pamela Hoseny '69; Howard Kaplan '70; Ilene Karp '69; Mark Kirschner '69; John Krawczyk '68; Bonnie M. Mirrer '69; Albert Porter '67; Priscilla A. Rawluk '70; Liane Revzin '69; Joseph Rosenthal '68; Michelle (Blum) Rosenthal '68; Anne (Plasensia) Schaedel '67; Frank Schnur '72; Joann (Levine) Silk '68; Barry Skura '69; Jeff Sykes '69; Suzanne Sykes '69; Susan Tuck '68; Maxwell Ira Tuman '67; Joe Van Denburg '68; Stephanie Van Denburg '68; Linda Vasquez '69; John R. Warkentin '70; Diane Wilens '67; Mary Woods '69.



Les Paldy '62 (left) spent the summer of 1970 in India helping to update teaching methods of high-school physics teachers.

FACULTY FOCUS

Les Paldy '62 Finds Physics Can Be Fun

Back in the days of the two-handed set shot, when Stony Brook was still at Oyster Bay, the young school's first basketball victory came on a last-second bomb by a bearded guard named Les Paldy '62.

Twelve years later, Mr. Paldy retains his beard, athletic form and happy memories of the "remarkable institution" where he met his wife, classmate Judith Gordon '62. He recalls enjoying the sense of community and free intellectual interchange, and playing basketball for a club team so pleasingly casual that players did course reading during half-times of their games with fireman and high-school faculties.

But while cherishing memories of the bucolic past, Mr. Paldy says that the new Stony Brook — where he has been assistant professor of physics for the last five years — allows achievements not possible at a small school. His special interest is science education, where he has scored several successes whose achievement he values much more than the memory of his game-winning set shot.

Professor Paldy has a sense of mission, which he traces to the statistic that only one in five American high-school graduates takes a physics course. In a country so dependent on technology, he considers this fact shocking.

"To make wise technological decisions," he says, "citizens need to have some understanding of science. If they give up that prerogative, powerful interests will make the decisions for them. I asked myself how I could go about reaching reasonably large numbers of

people, and I decided the way was through teachers."

At Stony Brook, he teaches one course for physics majors planning teaching careers and has contributed to the development of a new master's program (M.A.T.) for physics teachers. In these and in his undergraduate physics course for non-scientists, he is concerned not only with making physical principles comprehensible but also with setting science in an overall social and intellectual context. This concern, he says, took root in his senior-year Interdivisional Seminar, where there was an active interchange of ideas among students and teachers of many science and humanities disciplines.

Another way in which he pursues his educational mission is as associate editor of *The Physics Teacher*, a magazine read by some 10,000 teachers. Much of the work for the magazine is done in the adjacent Stony Brook offices of Professor Paldy and Professor Clifford Swartz, the editor.

But Professor Paldy's broadest and most immediate impact on science education has been through a federally funded program that, by next fall, will have reached 400 practicing teachers and, through them, 21,000 Suffolk County elementary-school pupils. Since physics is basically an experimental science, he says, the program helps teachers convert from text-centered instruction to experimental instruction, allowing pupils to learn physical principles by working with "things they can bite and smell and touch and enjoy."

The program, co-directed by Professors Swartz and Theodore Bredderman, is funded by the National Science Foundation. Professor Paldy says such innovation would be hard at more conventional, established university departments, which lack Stony Brook's balance of research, teaching and broad commitment to science education. He said the hope is that Stony Brook's model may be followed by other universities, which can provide the necessary link between research at science's frontiers and teaching at the elementary-school level.

NSF has, in fact, invited Professor Paldy to take a year's leave and come to Washington so that he may help in plans to apply his own program's principles nationwide.

His commitment also extends beyond national borders. Believing that all countries will sooner or later feel the profound impact of technology, he has

joined an NSF effort at science education in India. He went to Bombay in the summer of 1970 to help update teaching methods of high-school physics teachers. He says the continuing program has worked so well that it is now run almost entirely by retrained Indian teachers. He himself has turned his interest to another proposed teaching effort in India, one that would involve working with junior-college teachers.

He says he loved working in India, where the challenge was to balance honest advice with tactful respect for his colleague-students. He says the area in which he was of most use — as in Suffolk County — was in emphasizing the experimental approach, which was weak in India because of lack of technical apparatus.

While funding is in doubt for his second Indian program, Professor Paldy refuses to let the impetus die entirely. In recent months, he has recruited a dozen selected Stony Brook students for what he informally calls his village technical training group. Their principal work is to build, without a penny of funding, useful, practical machinery that could be used in Indian villages or other developing countries. Some of their products so far include water-sealed latrines that can be installed without sewage facilities and washing machines with hand-operated cranks that lower large wooden discs onto the clothes inside — a simple machine, but much more efficient than beating clothes on a rock beside a stream. Using old tin cans and boxes, the Paldy team also makes teaching devices — such as a battery-charge tester — to allow experimental physics teaching without intricate equipment.

Professor Paldy acknowledges that this basic application of physics for practical use remains of limited practical value without widespread dissemination of his group's developments. If a teaching program in India is funded, it may prove a partial vehicle for dissemination.

"In any case," he says, "it's worthwhile. One of our students left at midsemester to teach physics in Nepal and reports our work helped him. Another is a premed student who thinks he wants to work in a developing country. As long as it helps even one person to put science to humane use, I'm happy."

News from the Campus

■ **ADVISOR:** President John S. Toll has been named by Governor Rockefeller to the State Advisory Council for the Advancement of Industrial Research and Development. The Council, created in 1960, proposes means to improve the climate for and improve the growth of industrial research and development in the state.

■ **URBAN STRESS:** Dr. Jerome E. Singer, professor of psychology and sociology and associate dean of the Graduate School, has been named a recipient of the 1971 Socio-Psychological Prize of the American Association for the Advancement of Science. The \$1000 prize was shared with Dr. David C. Glass of Columbia University for research on urban stresses, particularly noise pollution. The two investigators found that people can cope with daily social and physical stresses in urban life, and that the long-term effects of such stresses are closely related to the individual's degree of awareness and sense of control over a stress rather than to its magnitude or intensity.

■ **CHEMISTRY DEVELOPMENT:** Dr. Edward I. Stiefel, assistant professor of chemistry, has been named one of 16 national winners of Dreyfus Foundation Teacher-Scholar grants given annually to "outstanding young faculty members in chemistry and related sciences." The \$25,000 award is to be used to develop new educational concepts and to evaluate new research ideas. Dr. Stiefel will use his grant for the development of courses in environmental chemistry and in the newly-developing field of bio-inorganic chemistry, and in application of computer-assisted instruction and new visual aids in courses he teaches.

■ **DR. JOHN S. STAMM,** professor of psychology, is president of a newly established foundation to raise funds for research in the causes and possible prevention of leukemia. The Theodore E. Aronow Foundation honors a Queens College graduate, one of the first recipients of New York City's Mayoralty Citation of Honor for volunteer work among brain damaged and the blind, who died of leukemia in 1970 at the age of 23. Contributions, tax deductible, may be sent to P. O. Box 412, Flushing, N.Y. 11352.

■ **JOB BANK:** Resumes, primarily from minority group members and women, are being actively sought by the Health Sciences Center for a "job bank." Because of the state freeze on hiring, numerous openings ranging from clerical jobs to faculty and administrative positions cannot be presently filled. Health Sciences Center officials are pressing ahead with minority recruiting efforts despite the freeze, so a pool of candidates will be available as soon as the freeze ends.

■ **BLOTTO:** Psychology professor Dr. Marvin Goldfried has co-authored the first comprehensive evaluation of the famous Rorschach ink-blot interpretation test used in the assessment of psychological characteristics and traits. Dr. Goldfried found in analyzing the research on the widely-used test that most psychologists tend emotionally to totally support or oppose it, and also that methods of applying the test vary widely. Co-authors are Dr. George Stricker of Adelphi University and Dr. Irving Weiner of the University of Rochester School of Medicine and Dentistry.

■ **BLACK WEEKEND:** The third annual Black Weekend held recently at the University drew several hundred people to theatrical performances, dances, an art exhibit, a fashion show, "soul food" dinners and discussion groups. A new feature of Black Weekend this year was a test for sickle cell anemia, a disease which strikes mainly blacks. Tests were administered at the clinic to over 400 people.

■ **PHYSICIAN'S ASSISTANTS,** who can relieve doctors of much routine work, will be trained in a program beginning next fall at the School of Allied Health Professions of the Health Sciences Center. The Stony Brook program differs from others similar to it in that some graduates are expected to be able to enter medical school, avoiding the career "dead end" often faced by nurses and other health professionals. The three-year, non-degree, curriculum will draw on students with some medical experience, such as military medical corpsmen, nurses and hospital orderlies. According to Edmund McTernan, dean of the School of Allied Health Professions, the assistants could be trained to take medical histories, make preliminary diagnoses of common illnesses, provide competent emergency treatment and perform many other duties.

BASKETBALL NIGHT

(Detach and return to: Alumni Office, Room 328 Administration Building, SUNY at Stony Brook, Stony Brook, N.Y. 11790)

Enclosed is my check, payable to the Stony Brook Alumni Association, for \$ _____ for _____ ticket(s) (@ \$2 per person) for the Alumni Basketball Night, Saturday, February 12, 1972. Please send my ticket(s) to:

Name _____ Class _____
(please include maiden name in parentheses)

Street Address _____

City _____ State _____ Zip Code _____

MEMBERSHIP, PEOPLE, SCHOLARSHIP FUND

Return to: Alumni Office, Room 328 Administration Building, SUNY at Stony Brook, Stony Brook, N.Y. 11790

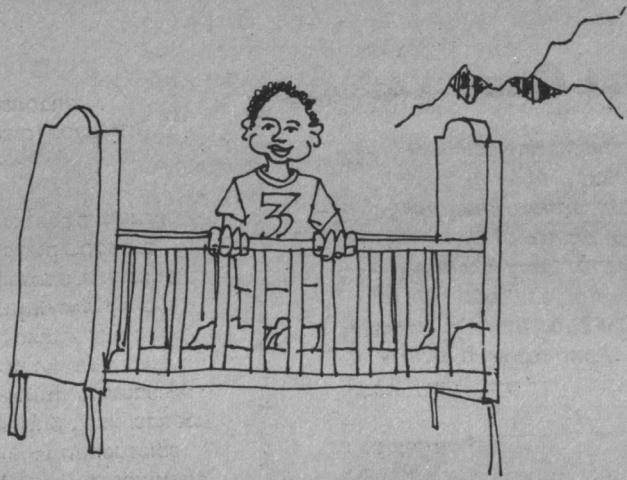
Enclosed is my check, payable to "Stony Brook Alumni Association" for:

1971-72 Alumni Association Membership (\$2) _____
"Stony Brook People" _____
Alumni Scholarship Fund _____

Name _____ Class _____ Total _____
(please include maiden name in parentheses)

Street Address _____

City _____ State _____ Zip Code _____



Monroe was three years old when he ate plaster for the first and last time.

Color Me Relevant

Caroon coloring books that are no laughing matter, but serious health handbooks, are being written by Sanford Brown '68.

His first coloring book, *The Story of Monroe and the Loose Plaster*, was a message about the dangers of lead poisoning caused by the ingestion of plaster coated with paint containing lead. Brown wrote the book with artist-collaborator Peter Markus the summer after graduation while working at Downstate Medical Center.

"I had no thought whatsoever of entering the medical profession when I graduated in 1968," he said. But after a summer at the Brooklyn medical center and his first coloring book, the English major had changed his mind and returned to Stony Brook for premedical courses.



Brown is now a junior at the Medical College of Wisconsin. In the interim, he has collaborated on three more coloring books: *The Story of Leroy and the Good Tooth Fairy*, concerned with a sprite shaped like a toothpaste tube who rewards children for taking care of their teeth; *Billy's EEG at Milwaukee Children's Hospital*, which assures young patients that an electro-encephalogram won't hurt; and *Tony's Sickle Cell Crisis*, dealing with sickle cell anemia.

The books were reviewed last year in the *Journal of the American Medical Association* — a first for coloring books!

Alumnus Sees Belfast Under Siege

Brian Kelly, M.A. '71 wrote from Ireland to his hometown newspaper last summer: "Parts of Belfast are almost under seige conditions — troops wearing flack jackets, weapons at ready and rounds chambered. There are roadblocks and security checks on the most important roads. There has been a bombing or shooting every night so far this week. The sabres are rattling on all sides... The papers and pubs are alive with stories of gunrunning, skirmishes and sabotage."

Brian and his wife, Barbara, and their four children live in Cutchogue.

Sanford Brown '68, below, has collaborated on the production of several health education coloring books, including Tony's Sickle Cell Crisis, in which the drawing right appeared, and The Story of Monroe and the Loose Plaster, in which the drawing at the above was published.

Judy Fischer '66 Wins Writing Prize

Judy (Bernstein) Fischer '66 won national honors recently for a series of articles she wrote for the *Long Island Press* on the proposed Long Island nuclear power plant at Shoreham.

Mrs. Fischer shared with a co-winner from Columbia, S.C. the \$1000 fifth Annual Atomic Industrial Forum Award for significant mass media contributions to public understanding of atomic energy.

Her coverage of the proposed Shoreham plant involved writing of more than 100 articles including a seven-part series, *Power vs. Pollution*.

Mrs. Fischer and her husband, Dr. Harris Fischer, environmental physicist for the Suffolk County Environmental Control Department, live in St. James.

Two Years Old

With the January 1972 issue, *Stony Brook People* enters its third year of publication. The Alumni Association has been able to publish *People* through the generosity of its members. It is published entirely from gifts and grants made to the Association. No state funds are used in its publication.

Send any and all news about yourself and your classmates to: Class Notes, Stony Brook People, Room 325 Administration Building, SUNY, Stony Brook, N. Y. 11790. Or phone the Alumni Office at (516) 246-3580.

61-65

Linda (Bleeker) Yarger '64 is living in Lawrence, Kansas with her husband, Harold, Ph.D. '68, and daughter, Ardis Ann./ Janet Fenstermacher '65 is teaching math at Gelinas Junior High School in Setauket.

66

Richard Meltzer appeared on WNET Channel 13's "Free Time" in December, participating in a rock critics' discussion of the current music scene. He also wrote a whimsical article for *Rolling Stone* in late December about a mythical town near Stony Brook./ Patricia (Vogel) Shapiro, who received her masters degree in math at Stony Brook, is doing insurance actuary work and living in Hartford, Conn. with her daughter, Bonnie./ Stephen Sobol and his wife, Anita Barach '68, are the parents of a son, Craig Scott, born in October.

69

Johanna Elena Caleca earned a masters degree in English and secondary educa-

tion at Hofstra. She is living in New Hyde Park and teaching at Brentwood Senior High School./ Jon Ziperman gave up taxicab driving to open a clothing store in Great Neck./ James Whitney is head of the analytical laboratory at Precision Gas Products in Rahway, N.J./ Edward Yen (Ph.D.) is a visiting professor of physics at the University of Denver./ Olivia Jayne Simmons married Carey Alexander White in November at the Plaza in New York City. She is working in the community relations office of the New York City Housing and Development Administration.

70

Dale Sinram recently married Aubrey Burch; they live on Long Island./ Anne Marie Messerschmitt is a graduate student in American history at the University of Colorado and was recently awarded a scholarship from the National Society of Colonial Dames in America./ Joan Brill, who received her M.M. at Stony Brook, is a pianist with the Brill-Gaffney Trio, which performed at Southampton College last summer. The Trio was formed two years ago and each member is a resident of East Hampton. Mrs. Brill, who made her New York recital debut in 1958 at the Carnegie Recital Hall, has concertized extensively on Long Island and in the metropolitan area./ O. W. Terry, Ph.D., is a research biologist with the Marine Sciences Research Center at Stony Brook, specializing in algal physiology-ecology, aquaculture and wetlands./ Alan McCollom has received his M.S. degree in psychology from St. John's University./ Andrea Kasman Stavin married Alan Ivor Hyman at the Fifth Avenue Synagogue in December. She is a third-year law student at New York University and an editor of the *Law Review* there./ Joyce Ann Cleveland married James William Smirk in Greenport last summer. She is teaching in the Oakdale-Bohemia Road Junior High School in Oakdale./ James Alan Griswold married Elizabeth Susan Lyons in October. They are living in Manlius./ Marguerite Andrea Damato married Joseph G. DelFarraro in East Northport in June. Following a European wedding trip, the couple moved into a home in Levittown.

TO PARENTS

Some new alumni are missing *Stony Brook People* because we're using the home addresses they had while students. If your son's or daughter's copy is not reaching them, won't you take a moment to complete the form below and return it to the Alumni Office.

ADDRESS CHANGE FORM

Please change your alumni address listing for

Name _____ Class _____
(please include maiden name in parentheses)

Old Address _____

Street Address _____

City _____ State _____ Zip Code _____

New Address _____

Street Address _____

City _____ State _____ Zip Code _____