

# stony brook review

a monthly publication  
of the  
state university of new york  
at stony brook

## A University Community: "Noble Villages of Men"

by John S. Toll

This new monthly publication represents one of the results of the work and recommendations last year of the joint student-faculty Committee on University Operations.

It is obvious that, as this campus grows, communication becomes an increasingly critical factor in our collective work and perspectives. Without attempting to be the complete answer to our communications needs, the *Stony Brook Review* can be a real help in this effort by summarizing major events and developments, as in the article in this issue about the current construction program.

As with any new publication, the first several issues will be "pilot" issues in which the editors will seek to determine directions and audience interests. You can help in this effort by providing the *Office of University Relations, Room 254, Library*, with your reactions, comments, and ideas for future stories. In this way, the *Review* can be most valuable by becoming *your* paper, containing information, articles, news and features of greatest interest and importance to you.

The *Review* is a modest effort to convey to students, faculty, staff, and interested friends in the surrounding community some of the attitudes and programs that help to make Stony

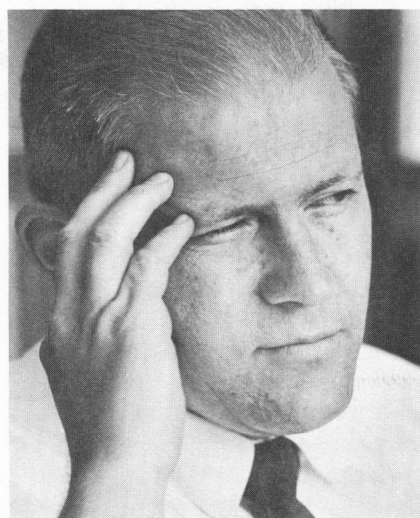
Brook a special university community. Different points will be discussed in each issue. I would like to pay tribute in this note to the great indebtedness those of us on the campus feel to the neighborhood of the university for the many advantages that our surrounding environment and friends give this institution.

The Three Village Area is a location of remarkable charm that provides an ideal setting for a university. Through many programs, from the University-Community Chorus to the Association for University-Community Cooperation, our campus members and their neighbors work together. We realize that we have an unusual opportunity to develop an ideal university community.

As Henry D. Thoreau wrote in *Walden*:

"It is time that we had uncommon schools, that we did not leave off our education when we begin to be men and women. It is time that villages were universities, and their elder inhabitants the fellows of universities, with leisure . . . to pursue liberal studies the rest of their lives . . . In this country, the village should in some respects take the place of the nobleman of Europe. It should be the patron of the fine arts . . . Why should our life be in any respects provincial? . . . Let the reports of all the learned societies come to us, and we will see if they know anything . . ."

"As the nobleman of cultivated taste surrounds himself with whatever conduces to his culture, — genius — learning — wit — books — paintings — statuary — music — philosophical instruments, and



President Toll

the like; so let the village do . . . To act collectively is according to the spirit of our institutions; and I am confident that, as our circumstances are more flourishing, our means are greater than the nobleman's. . . . (Our university community) can hire all the wise men

in the world to come and teach her, and board them round the while, and not be provincial at all. That is the *uncommon* school we want. Instead of noblemen, let us have noble villages of men."

As Thoreau wrote and thought, so did the citizens of the Three Village Area act when they worked to bring this university to its present location. We are still only in the beginnings, but Thoreau's ideal of a true university community inspires us as we continue our rapid development.

Over a century ago, the then Superintendent of Public Instruction of the State of New York wrote a letter to a member of the Stony Brook School Board in which he said: "We have been in the habit of looking upon Long Island (and especially Suffolk County) as a detached portion of God's Creation, where things might be done in form and manner not allowable on any other portion of the earth's surface."

Now, over a century later the university and its neighbors are making this prediction come true by the creation of a model university-community. We know there exist many problems ahead of us, but we are encouraged by the realization that we have many advantages not shared by other developing campuses and regions. By helping each other we can make a better life for all.

### Construction Report:

## Nine Projects Underway In \$53 Million Program

Some \$53 million in construction projects are underway on the Stony Brook campus as of this fall as part of a physical expansion program estimated to cost \$150 million by the end of 1970. This total does not include the anticipated cost of building the University's Health Sciences Center which will be an additional \$161 million for construction extending well into the '70's.

Latest addition to the campus construction schedule is an \$873,000 contract for site development and remedial construction work in the vicinity of the first dormitory quadrangle (see additional story).

Construction of a new \$7.5 million, 1,000-student residential complex began the end of July. Designed by the New York City architectural firm of Gruzen & Partners (formerly Kelly & Gruzen), this project is being constructed by Starrett Bros. & Eken, Inc. to the west of the academic area and adjacent to the perimeter campus roadway.

Work is also going forward on a \$1.4 million contract awarded to Da-

vis Construction Corp. for the building of new roadways, the rehabilitation of some existing roads and the installation



of utilities including storm sewers and outdoor lighting.

Other buildings currently under construction include the Campus Center, Earth and Space Sciences building, Lecture Hall Center, Nuclear Structure Laboratory, and Graduate Engineering and Computer Center buildings. Working drawings and specifications for the Instructional Resources Center and the Graduate Engineering Heavy Laboratory have been completed and contract bids for these two projects will soon be requested. The Center for the Arts and the Administration building are currently at the schematic stage of planning with the next step to be authorization to proceed with working drawings and specs.

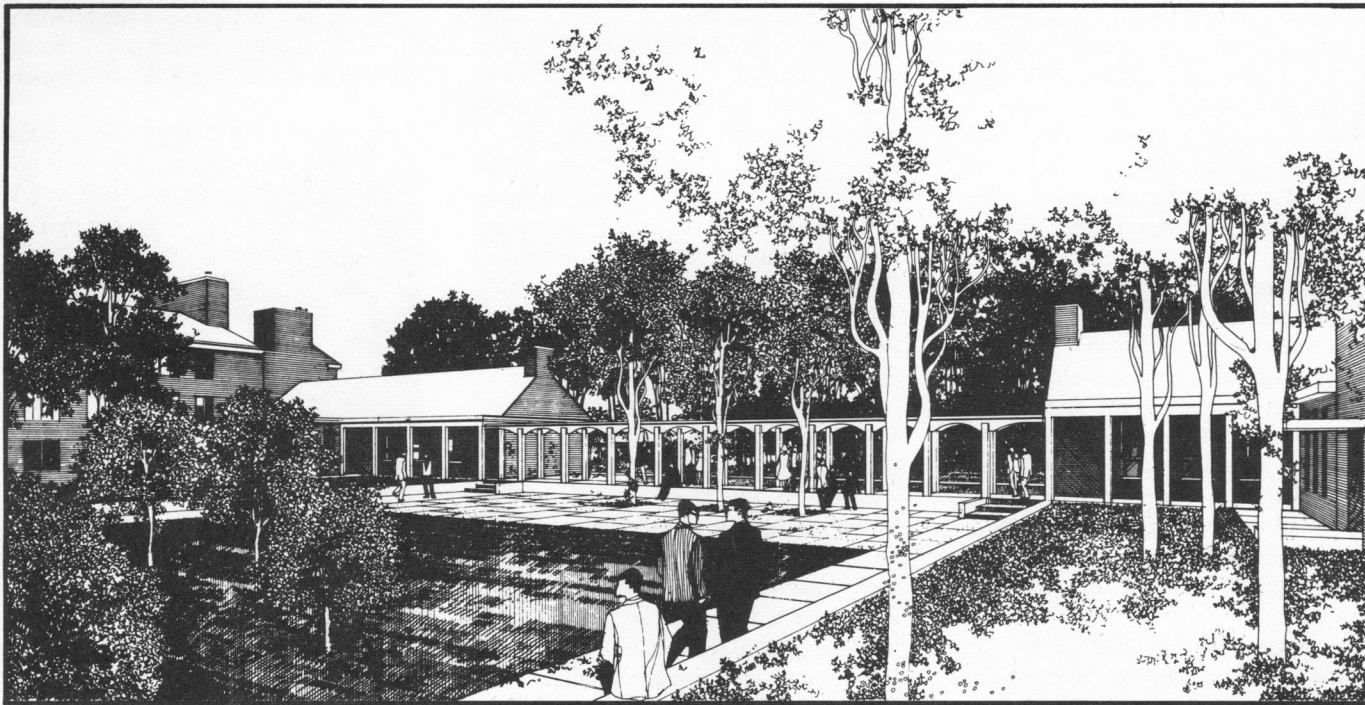
### Completed Buildings

The stunning new residential colleges designed by Emery Roth & Sons have been occupied. Clustered around a small man-made lake just to the south of the engineering quadrangle, the five brown-tone brick and textured concrete residence buildings blend into wooded slopes. The dining hall, with its conical skylights and broad expanses of glass and terraces, focuses on the lake below.

The Social Sciences Center has also been occupied and, as of this writing, finishing work on classrooms, laboratories and offices has been virtually completed. This \$3.3 million, 123,000-square-foot complex was started in January of last year.

The Center, which consists of a classroom-laboratory building and a faculty office building joined by arcades to form an open court, accommodates the departments of anthropology, eco-





New look for old dormitories, such as this breezeway connection is part of a site beautification project scheduled to get underway this month. Project completion is set for next fall.

nomics, education, history, political science, psychology and sociology. Special research facilities are provided for the department of psychology and for the statistics program in economics.

#### Student Housing Situation

The Gruzen & Partners dorms, when completed, will bring University housing capacity to 5,000 students.

Still under construction on the south side of the campus are the residences designed by Tabler & Sons and originally scheduled for occupancy this fall. The six buildings in this complex will be turned over to the University one building at a time as the contractor, the Foster-Lipkins Corporation, completes the necessary work.

The expectation, according to the contractor and the State University Dormitory Authority, is that some of these buildings will be occupied by the start of the spring term. In the meantime, 3,600 students are living in residence space designed for 3,000 at normal occupancy.

#### Current Construction Details

In detail, the other campus building projects, their cost, square footage, starting and currently estimated completion dates are:

*Campus Center:* \$4.5 million; 154,000 square feet; started December 27, 1966; target completion date, fall, 1968.

*Graduate Engineering-Computer Center Buildings:* \$3.3 million; 108,000 square feet; started September 9, 1966; target completion, December-January.

*Earth and Space Sciences Building:* \$4.8 million; 147,000 square feet;

started October 7, 1966; target completion, spring.

*Lecture Hall Center:* \$1.9 million; 56,000 square feet; started August 15, 1966; target completion, January.

*Nuclear Structure Laboratory:* \$1.2 million; 25,000 square feet; started September 15, 1966; expected completion, November.

### Landscape Project Will Beautify Old Dorm Area

Beautification of the 75-acre area around the residence halls on the north side of the campus will start shortly. Awarding of an \$873,000 contract for site development and remedial construction work in this area signals the start of a year-long effort that will literally transform the campus' first dormitories into a grassy, treed and terraced living area.

The long-awaited project will follow a plan conceived by Zion and Breen Associates, nationally known landscape architects. The contract for the first phase of the project, awarded to Lizza and Sons, Inc. of Oyster Bay, calls for basic site preparation, excavating and grading, and creation of walkways, bicycle paths, and parking lots, all designed for improved pedestrian and service circulation.

Also included in the project are tennis courts, picnic areas, bicycle depots and access ways, new lighting, and terraced "congregating areas."

A later phase of the project will cover planting of over 1,600 trees and

shrubs and the seeding of the finished area. The planting will include:

- 250 Flowering Dogwood trees, 8' to 10' high
- 100 Flowering Crabapple trees, 8' to 10' high
- 190 Honey & Sunburst Locust, 14' to 15' high
- 140 Black Pine trees, 20' to 24' high
- 42 Linden trees, 6' to 8' high
- 52 Sycamore trees, 3½" to 4" caliper
- 70 White Pine trees, 5' to 6' high
- Boston Ivy on building walls, 8' to 10' high
- English Ivy, 8' to 10' high
- 820 Willow trees, 2" to 2½" caliper.

Convenient access across the work area will be maintained through the winter to enable pedestrians to steer clear of mud and construction hazards.

### Grants Received Since July Top Half-Million

Fausto Ramirez, professor of chemistry, has received a five-year commitment for \$171,175 from the National Institutes of Health in support of his research in the field of phosphorus chemistry. Late last year, Professor Ramirez was awarded a four-year continuing research grant from the National Science Foundation for his work in this field. The NSF grants will total \$129,800.

More than \$400,000 in other research and fellowship grants have been awarded to the State University at Stony Brook and various faculty members

since July. This includes \$84,800 in NDEA fellowship funds and an NSF institution grant for science amounting to \$82,186.

The largest research grants to individual faculty members, all awarded by the U.S. Public Health Service, went to *John Stamm*, professor of psychology, \$51,889 for research titled "Function of Frontal Lobes in Response Processes;" *Carl Moos*, associate professor of biological sciences, \$40,204 for work on the "Role of Bound Nucleotide in Muscle Contraction;" *Edward Kosower*, professor of chemistry, \$39,342, "Chemistry of Pyridinium Rings;" *Harold Friedman*, professor of chemistry, \$37,538 for "Measurement of Ionic Solvation Enthalpies;" and *Melvin Simpson*, professor of biochemistry, \$36,022 for research in "Mitochondria Nucleic Acid Synthesis and Role of DNA."

Other grants in this past quarter went to *Reginald Tewarson*, associate professor of engineering, \$16,588 NASA award for study of "Product Form of Inverses of Sparse Matrices;" *Dr. Ramirez*, \$10,670 from the American Chemical Society for a two-year study in phosphorous chemistry; *Pedro Carrasco*, professor of anthropology, \$9,500 from NSF for "Social Organization of Ancient Mexico;" *Allan Wildman*, associate professor of history, \$2,000 from the State University Research Foundation for "Conversations in History;" *Charles Walcott*, associate professor of biological sciences, \$10,000 NSF grant for "Experimental Analysis of Avian Navigation;" Graduate *Dean Robert Jordan*, \$1,000 from Rockefeller Foundation for fellowship support; and *Dr. Moos*, an additional \$2,400 for PHS fellowship support.

### New Faculty Handbook

It is expected that the first Faculty Handbook ever to be issued at Stony Brook will be made available late in the year by the University Relations Office.

Written during the summer, the Handbook is currently being reviewed by the Executive Committee of the Faculty who will submit their corrections and suggestions to the University Relations Office by October 10.

Topics covered in the Handbook include: University history, planning and organization; faculty employment policies; instructional policies and procedures; faculty-student relations; research grants and fellowships; facilities and resources; services; cultural, social and recreational opportunities; and information for newcomers.



## Great New Yorkers Are Honored In Naming Residential Colleges

The residential college plan is getting fully underway here this fall with the formation of 15 colleges of 200 to 400 students each, the naming of the colleges after distinguished New Yorkers of the past, and the naming of faculty masters for each college some of whom will live in with the students.

In addition, President Toll has announced the appointment of Dr. Lawrence P. DeBoer as director of the residential colleges with the responsibility of coordinating all programs and activities.

The new Stony Brook colleges, the New Yorkers whom they honor, and the fields in which each won distinction are:

Othmar Amman, bridge builder; Ruth Benedict, anthropologist; Benjamin Cardozo, Supreme Court Justice; Frederick K. Douglass, orator and journalist; novelist Theodore Dreiser; composer George Gershwin; Asa Gray, botanist; Joseph Henry, physicist; writers Washington Irving and Henry James; Irving Langmuir, Nobel Prize chemist; painter William Mount of *Setauket*; playwright Eugene O'Neill; Charles Steinmetz, inventor; and poet Walt Whitman.

The men's and women's colleges, each of which represents in its membership an approximate cross-section of the university in years and disciplines, will be dedicated later in the year with appropriate ceremony and programs, Dr. Toll said. In the meantime, the students in each college together with the faculty master and faculty associates will develop individual programs of extracurricular activities and events to supplement the intellectual and cultural program of the larger university.

The concept of the Stony Brook College plan, which takes its cue from similar systems at Oxford, Yale and Harvard but is distinctively different, was announced by Dr. Toll, himself a Yale graduate, at his April, 1966, inauguration. Since then students and faculty have been planning the initial organization and learning from several pilot programs.

At the time, Dr. Toll said that while "it has been fashionable to deplore the dangers of size in the great state universities . . . the critical question is not size but organization."

"By good organization," he said, "we can have the advantages of the strong faculties and specialized resources that come with the great size of a major uni-

versity and, at the same time, bring faculty and students together in small groups where the best teaching can occur."

The plan is to create a microcosm of the total university in each college by including as members not only a cross-section of the undergraduate student body (including commuter students) but also medical, and other professional and graduate students.

"Students learn from other students," Dr. Toll said. "Thus, for a truly liberal education and to help bridge the gulf between various disciplines, it is important to mix English scholars and physics majors, medical students and artists."

### Faculty Master Appointees

Faculty masters appointed by President Toll to guide the individual residential college programs and their college assignments are:

Edward J. Countey, Jr., assistant professor of art, master of Amman and Gray Colleges; G. A. Brogan, assistant professor of philosophy, acting master of Irving; Norman Goodman, assistant professor of sociology, master of O'Neill; Peter Alexander, visiting professor of English, master of Benedict.

Jacques Guilmain, associate professor of art, master of James; Peter Dollard, associate professor of engineering, master of Langmuir; Ashley L. Schiff, associate professor of political science, master of Cardozo; Allison R. Palmer, professor of paleontology, master of Whitman.

David F. Trask, associate professor of history, master of Gershwin College and chairman, Council of Masters; Robert DeZafra, associate professor of physics, master of Henry and Mount Colleges; Richard A. Mould, associate professor of physics, master of Dreiser, Steinmetz, and Douglass Colleges.

### Identify College Units

The naming of the Residential Colleges and the designation of those names for established residence units



**PHI BETA KAPPA HEAD.** Announcement was made in late August of election of Bentley Glass as president of the United Chapters of Phi Beta Kappa, nation's oldest and most prestigious honorary society. Glass, academic vice president and distinguished professor of biology at Stony Brook, succeeds Whitney J. Oates of Princeton for the three-year term as national president of the 176-chapter, 180,000-member society.

on campus is clarified here for those familiar with designations of years past:

NAME OF COLLEGE	RESIDENCE UNIT
Asa Gray	South Hall
Othmar Amman	North Hall
Washington Irving	G South
Eugene O'Neill	G North
Ruth Benedict	H Quad
Henry James	JS Quad
Irving Langmuir	JN Quad
Benjamin Cardozo	Roth I
Walt Whitman	Roth II
George Gershwin	Roth III
Joseph Henry	Roth IV
William S. Mount	Roth V
Theodore Dreiser	Tabler III
Charles P. Steinmetz	Tabler IV
Frederick K. Douglass	Tabler V



New scene at Stony Brook is the Roth Quadrangle in its picturesque pond setting. Shown here is Professor David F. Trask (left), chairman of Council of Masters for Residential Colleges, discussing college programs with Roth Quad director Dave Swanson.

## World Conference To Draw 3,000 Here in '69

Stony Brook will attain major status as an international conference center in August 1969, when it hosts the two-week International Congress and General Assembly of the International Union of Crystallography expected to attract 3,000 scientists from all over the world.

Held last year in Moscow, the triennial Congress has not met in the United States for 21 years, and the National Academy of Sciences, which is acting as a co-sponsor of the meeting, has been actively seeking a United States meeting. The 1948 session was held at Cambridge, Massachusetts.

Chemistry Chairman Francis Bonner and Yoshi Okaya, professor of chemistry here, are members of the local arrangements committee chaired by Dr. Walter Hamilton of BNL. Mrs. Natalie Fiess has been appointed executive secretary of the local committee.

## Continuing Education Offers First Courses

The University's Center for Continuing Education is offering its first courses this fall — a special, part-time evening and weekend graduate program for teachers and other professionals. This new program offers courses leading to the new terminal, non-research 30-credit M.A. (L.S.)

Starting this year first with the needs of elementary and secondary school teachers, the Center will move, as conditions permit, to satisfy the knowledge and renewal requirements of architects, community college teachers, dentists, engineers, journalists, physicians, science writers, and others. Programs will also be developed to retrain and reorient persons who contemplate changing professions, returning Peace Corps personnel, and similar groups.

Dr. Charles Walcott, newly appointed associate professor of biological sciences, is serving as acting director of the Center for Continuing Education.

## Appeal for United Fund

Payroll Deduction Authorization cards have been distributed among the faculty and staff for contributions to the 1967 United Fund Campaign of Long Island. Completed, signed cards or personal checks made payable to UNITED FUND should be transmitted to the Business Office by October 25.



## Concert Program Blends Modern and Classical

The October 10th appearance of the Composers String Quartet and a scheduled October 26th concert by the New York Woodwind Quintet at Stony Brook are setting the pace for the 1967-68 season of the arts.

The emphasis in this season of music is being placed on 20th century works with a strong pitch toward the contemporary. A typical concert program, according to John Lessard, associate professor of music and chairman of the concert committee, will include a masterpiece of the 20th century and a new work by a contemporary composer balanced by "something classical."

The New York Woodwind Quintet is celebrating their 20th anniversary following a world tour that has won them billings as "the best in American chamber music." The flute-oboe-clarinnet-French horn-bassoon ensemble will feature in their concert an Arnold Schoenberg quartet (sans flute), and a Mozart quintet with Martin Canin at the piano.

Both Canin and Samuel Baron, flutist with the Quintet, are members of the music faculty at Stony Brook. Other members of the Quintet are: Ralph Froelich (French horn), David Glazer (clarinet), Ronald Roseman (oboe), and Arthur Weisberg (bassoon).

Other concert series presentations this season will be:

November 21	(Young Artist Recital) Yoshito Ito, soprano
December 17	University Chorus Christmas Concert
December 18	Duo Piano concert of Martin Canin and Blanca Uribe
February 8	(Young Artist Recital) Marvin Morgenstern, Violinist; Richard Goode, Pianist
February 15	Adele Addison, soprano
February 20	Bernard Greenhouse, Cellist; Samuel Baron, Flutist
February 29	Contemporary Chamber Ensemble
March 7*	Sylvia Marlowe, Harpsichordist
March 14	Beaux Arts Trio
March 27	(Young Artist Recital) Sandra Carlock, Pianist
April 4	Beaux Arts Quartet
April 18*	Pro Musica Choral Concert
April 23	Charles Rosen, Pianist
April 28	Annual Spring Choral Concert



*New York Woodwind Quintet*

\*Concert will be in Women's Gym. All other Concerts will take place in the University Theatre, Gymnasium Building. Concert time in all cases is 8:30 p.m.

## First Play of Season Set for Nov. 9-12

Sean O'Casey's 3-act play, "The Silver Tassie," will be the first of three dramatic productions staged this academic year by the Department of Theater Arts at Stony Brook. The play will be produced here November 9-12 in the University Theater.

The second production will be "The Connection," by Jack Gelber, a controversial drama about drugs and jazz, December 7-10. "Feunté Ovejuna," a play of the Spanish Renaissance, will appear here March 21 through 24, 1968.

"The Silver Tassie," described by O'Casey as a "tragic comedy," is set in the period of the First World War. Unlike a number of O'Casey's other plays, this work is not confined in setting to one locale. The story is centered around the actions of young Irishmen in Dublin, in the battlefields of France, and in a hospital for victims of the war. The problem of readjustment for the veterans enters into the plot. O'Casey has mixed realism with expressionism in this production, and, as was often his wont, comedy with tragedy.

John H. Herr, assistant professor of theater arts, will direct the O'Casey play. Herr is acting chairman of the

Department of Theater Arts in the absence of Dr. John Newfield, who is in Europe.

## Ticket Information

The admission charge for concerts and young artist recitals is \$1.50 per person for faculty, graduate students and staff; and \$2.50 per person for the general public. To reserve tickets, call the Ticket Office, 246-6800, 10 a.m. to 5 p.m. weekdays.

The admission charge for theater productions is \$1.00 per person for graduate students, faculty and staff; and \$1.50 per person for the general public. Tickets may be reserved by calling the Theater Arts Office, 246-5670, weekdays 9 a.m. to 12 noon and 1 to 5 p.m.

Office of University Relations  
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## ASCE Norman Medal Awarded to Dr. Dicker

A theory explaining the 1940 collapse of the Tacoma Narrows Bridge has earned an engineering professor here the American Society of Civil Engineers' oldest and most distinguished award.

The award, the Norman Medal, will be presented to Dr. Daniel Dicker, associate professor of engineering at Stony Brook, on October 16 at the Society's annual meeting at the Statler Hilton Hotel in New York City for a paper supporting his theory.

## Coming Special Events

The Department of Music in cooperation with the Suffolk Symphonic Society will present a Young People's Concert on October 29th in the gymnasium. Children from the Suffolk school systems will be selected to play in the orchestra under the direction of Clayton Westerman, director of the Suffolk Symphony.



On October 31st admissions directors and financial aids officers from all SUNY units will meet on the Stony Brook campus to discuss opportunities in higher education for the disadvantaged. Dr. Toll will give a keynote address to this meeting.



A public debate on the Blaine Amendment is being co-sponsored by the North Brookhaven Human Relations Council, Hillel (Jewish Students Organization), and the Newman Community (Roman Catholic students organization) on November 1 from 8:30 to 11 p.m. in the Gymnasium.