

## Dr. Conwell to Occupy Mauzé Chair

Dr. Esther M. Conwell, a distinguished solid state physicist, has been appointed Abby Rockefeller Mauzé Visiting Professor in the Department of Electrical Engineering, effective April 1.

Announcement of the appointment was made by Professor Walter A. Rosenblith, Provost.

"We are fortunate in having Dr. Conwell join our faculty during her leave of absence from GTE Laboratories," Professor Rosenblith said. "Her presence will enhance the interaction between the Departments of Electrical Engineering and Physics."

The Mauze Professorship was established to bring to MIT distinguished women scholars who would inspire women students in addition to enriching their professional education.

Dr. Conwell's recent research interests have centered on acoustic surface waves and nonlinear effects in acoustical and optical guided waves. On April 7 she will discuss "Surface and Bulk Acoustic Waves in Piezoelectric Semiconductors" at the Center for Materials Science and Engineering colloquium.

Dr. Conwell studied at Brooklyn College, where she received the A.B. degree in 1942. Her graduate study in physics was completed at the University of Rochester and the University of Chicago, where she received the Ph.D. in 1948. She taught physics at Brooklyn College from 1946 to 1951, when she became affiliated with Bell Telephone Laboratories.

In 1952 Dr. Conwell joined the Bayside Research Center of GTE Laboratories, undertaking fundamental studies in the conduction of electricity in semiconductors. She was manager of the electronics materials program there from 1961-62 and since 1963 has been manager of the physics department.

The author of *High Field Transport in Semiconductors*, Dr. Conwell has also written numerous technical publications. She is a member of the editorial board of *Applied Physics Letters* and the *Journal of Applied Physics*.

Dr. Conwell is a Fellow of the American Physical Society and the American Association for the

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## Signs of Spring



The crocuses are in bloom brightening the facade of the Dorrance and Whitaker Buildings.

—Photo by Margo Foote

## Urban Studies' Schon Named Ford Professor

Visiting Professor Donald A. Schon has been appointed Ford Professor in the Department of Urban Studies and Planning, Dean William L. Porter of the School of Architecture and Planning has announced.

Dr. Schon has had long experience in developing innovative programs for both the public and private sector, and has made significant contributions to present thinking on social and technological change.

In announcing the appointment Dean Porter said, "Dr. Schon's work in the Department of Urban Studies and Planning will center on the exploration of relationships between theory and practice, planning and action, and academic content and field experience. He will provide leadership in our ef-



Dr. Conwell. Professor Schon.

orts to redefine professional education throughout the School."

Dr. Schon studied at the Sorbonne in Paris in 1949 and 1950 before receiving his B.S. degree from Yale University in 1951. He received the M.A. and Ph.D. degrees from Harvard University in 1952 and 1955.

He has served for the past six years as director of the Organization for Social and Technological Innovation and is a past director of the Institute for Applied Technology, National Bureau of Standards. From 1957-63 he was a consultant for Arthur D. Little, Inc., of Cambridge, working on industrial programs of technical innovation. He has been a lecturer in philosophy at the University of California at Los Angeles and a research associate at the Kennedy School of Government, Harvard University. He came to MIT in 1968.

Professor Schon has received many academic honors and awards and is a former Woodrow Wilson Fellow and a member of Phi Beta Kappa. He is the author of three books and numerous articles in professional journals and magazines.

## Art Directors Club Shows MIT Works

A collection of MIT publications is on display in New York City in a special month-long exhibit presented by the Art Directors Club of New York.

The exhibit is hung in the gallery at the club's headquarters at 488 Madison Avenue and is sponsored by the club in recognition of the frequent appearance of MIT graphics in exhibitions of the American Institute of Graphic Arts, the New York Type Directors Club, and in other shows.

The 150 pieces in the current exhibit are from the Office of Publications and represent the work of Jacqueline S. Casey and Ralph M. Coburn, graphic designers in the publications office, and Dietmar R. Winkler, former member of the publications office staff and now Design Director of WGBH-TV.

In January, Mrs. Casey served as a judge for the fifty-first annual exhibition of the New York Art Directors Club, which will be shown in the fall.

After the New York showing, the exhibit will go to the London College of Printing, in England.

## Joint Health Program Wins Grant

The recently formed Harvard-MIT Program in Health Sciences and Technology has received its first major research support—a \$5,000,000, five year grant from the National Heart and Lung Institute for a multidisciplinary program of research on biomedical materials.

Initially, the program includes 15 separate research projects involving collaboration among 33 investigators from Harvard University and MIT. Irving M. London, M.D., Director of the program, said the research effort organized around biomaterials and funded by the NHL, a division of the National Institutes of Health, is the prototype of the kind of multidisciplinary research the program hopes to develop in several areas of health sciences.

Directing the biomaterials program will be Robert W. Mann, Germeshausen Professor at MIT and a noted authority on the research and development of prostheses and other aids for the handicapped, including the blind and amputees. The 15 projects included under the biomaterials program evolved from a series of seminars held over the past two years under the auspices of the Harvard-MIT program for engineering and physical scientists and medical researchers and clinicians from the two universities and from university-related hospitals in the Boston area.

"This grass roots development of the program of research is a crucial element," Dr. London said. "It is only through voluntary association that scientists of high quality may be expected to join together in the planning and execution of coherent and integrated research efforts. Our experience with the biomaterials research program indicates that they are quite ready to join programs in which they have a collective responsibility."

Professor Mann chaired the Steering Committee which organized and proposed the program to NIH; he expects that the effort will become a principal focus of research on natural biological materials and synthetic

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## Opera, Films, Dance to Highlight China Week

A program of Chinese music will highlight China Week at the Institute, which will begin Tuesday, April 4, and continue through Saturday, April 8.

Sponsored by the Chinese Students Club (CSC), the concert will be held in Kresge on Saturday, April 8, at 8pm. The first portion of the program will include traditional songs performed by the Chinese Intercollegiate Choral

Society, a musical organization composed of Chinese students attending universities in the Boston area. The second and major part of the program will be the performance of excerpts from three Chinese operas, known as Peiping dramas, by a professional company from New York City.

Peiping drama is a colorful operatic form that is ruled by tradition. Most of the operas are several hundred years old.

Generally the stories are about war, royalty and romance. Although few props are used, the costumes are elaborate and definite categories of dress indicate a character's position by the color and type of headdress. Symbolic pantomime generally substitutes for stage sets.

Tickets for the performance are \$2, \$3 and \$5 and will be available at the door. Reservations may be made at Ext. 4720 or at a CSC booth

in the lobby of Building 10.

Other events scheduled during the week include a Chinese Film Festival and a dance. The free film festival will feature slides and films on various aspects of Chinese life and culture. The films will be shown from 7:30-11p.m. from Tuesday, April 4, through Thursday, April 6, in Room 407 of the Student Center. The dance will be held on Friday, April 7, at 8pm in Lobdell and tickets are \$2 in ad-

vance or \$2.50 at the door.

A gift shop in the Maclaurin Lobby will offer a variety of gifts and Chinese pastries throughout the week. Tickets for all the China Week events will also be on sale there. In addition, slides depicting scenes from mainland China, Taiwan and Hong Kong will be shown in the corridor of Building 3.

The public is invited to attend all events scheduled during China Week.

# THE INSTITUTE CALENDAR

March 29 through April 7

## Events of Special Interest

**Action on the Air Front: Some Modest Proposals\***  
Stewart L. Udall, former Secretary of the Interior. New England Consortium on Environmental Protection Seminar. Wednesday, March 29, 8pm, Kresge.

**Advisory Committee on Shareholder Responsibility\*\***  
Open meeting. Thursday, March 30, 5pm, Rm 10-300.

**HEW Findings and How They Will Affect Women at MIT\*\***  
James C. Allison, assistant to the president for minority affairs. Women's Forum. Monday, April 3, 12n, Rm 10-105.

**China Week\***  
Schedule includes a concert, films, slides, a dance and a gift shop from Tuesday, April 4 through Saturday, April 8. For more information, visit the Chinese Students Club booth in the lobby of Bldg 10.

**Reassessment of Electoral Politics**  
Prof. Walter Dean Burnham, political science. Technology Matrons Seminar. Wednesday, April 5, 11:30am, Rm 10-105.

**Family Day Care Program\***  
Frances Ackerly will discuss toys at the monthly forum. Thursday, April 6, 7:30pm, Student Center West Lounge.

## Seminars and Lectures

Thursday, March 30

**Women's Forum**  
Subcommittee for lab technicians, technical assistants, others, etc. will NOT meet today, so that the group may attend the biweekly/administrative group for a discussion of Institute benefits. (12n, Rm 10-105.)

**Women's Forum**  
Allan J. Urquhart, personnel officer for benefits, will address the subcommittee for women on bi-weekly and administrative staff. 12n, Rm 10-105.

Monday, April 3

**Nuclear Engineering Doctoral Seminars\***  
R. Lowder, Effect of External Currents on Kink Modes; R. McCrory, Properties of Marginally-Stable Collisionless Drift-Universal Modes in Cylindrical Geometry; A. Kadak, topic to be announced. 3-5pm, Rm NW12-222.

**The Nature of Gravitation\***  
Prof. Philip Greenberg, mathematics. Applied Math Colloquium. 4pm, Rm 2-390. Tea, 3:30pm.

**Some Legal and Regulatory Aspects of Water Quality (Inland)**  
Prof. Michael Baram, civil engineering. Water Resources and Hydrodynamics Seminar. 4-5pm, Rm 48-316. Coffee, 3:30pm, Rm 48-410.

Tuesday, April 4

**Russian Paintings of Social Protest in the 19th Century\***  
Prof. Michael B. Petrovich, University of Wisconsin. Dept of Foreign Literatures and Linguistics Seminar. 4pm, Little Theatre.

**Impurity and Atmosphere Effects on Creep of MgO and Al<sub>2</sub>O<sub>3</sub>\***  
Prof. Ronald S. Gordon, University of Utah. Ceramics Seminar. 4pm, Rm 13-5101.

**Applications of the Cornell Aeronautical Laboratory Automobile Dynamics Digital Computer Program\***  
Raymond R. McHenry, Cornell Aeronautical Laboratory. Aero and Astro Seminar. 4pm, Rm 35-225. Coffee, 3:30pm, Rm 33-206.

**Hydrofoil Control Design\***  
Dr. Pierre Dogan, Draper Laboratory. Ocean Engineering Seminar. 4-5pm, Rm 3-270. Coffee, 3:30pm, Rm 5-314.

**Magnetic White Dwarfs\***  
Prof. Roger Angel, Columbia University. Astrophysics Seminar. 4:15pm, Rm 37-252. Coffee, 4pm.

**The Politics of White Suppression and Black Resistance in Zimbabwe\***  
Rev. Gladstone Mxolisi Ntlabati. Political Sciences Series on "Black African Liberation Movements in Southern Africa." 7pm, Student Center Mezzanine Lounge.

Wednesday, April 5

**Carcinogenesis and Protein Synthesis**  
Prof. Gerald N. Wogan, nutrition and food science. Oral Science Seminar. 3-5pm, Rm E18-301.

**Naive Pessimism and Reactions against Reason\***  
Visiting Institute Prof. Arthur R. Kantrowitz, mechanical engineering. History of Technology Seminar. 4pm, Rm 14E-304.

**Safety and Reliability of Structures**  
Prof. N. C. Lind, Dept of Civil Engineering, Waterloo University. Civil Engineering Structures Division Seminar. 4-5pm, Rm 1-353. Coffee, 3:30pm.

**Pacific Type Orogeny Viewed from Island Arcs of Japan**  
Prof. Seiya Uyeda, University of Tokyo. Earth and Planetary Sciences Colloquium. 4pm, Rm 54-100.

Friday, April 7

**Deaf Education: Charge and Challenge\***  
Carol L. Proctor, director, Oral Education Center of Southern California. ERC Colloquium. 12n, Rm 10-105.

**Chemical Engineering Seminars\***  
R. Langer, Enzymatic Regeneration of ATP, 2pm; V. Vilker, Ultrafiltration of Biological Macromolecules, 3pm; Rm 10-105.

**Low Temperature Machines**  
Prof. Joseph L. Smith, mechanical engineering. Mechanical Engineering Seminar. 3pm, Rm 3-270. Coffee, 4pm, Rm 1-114.

**Surface and Bulk Acoustic Waves in Piezoelectric Semiconductors\***  
Prof. Esther Conwell, Abbe Rockefeller Mauze Visiting Professor. Center for Materials Science and Engineering Colloquium. 4pm, Rm 9-150. Refreshments, 3:30pm.

**Recent Results in the ST Tokamak**  
Dr. J. Hosea, Princeton Plasma Physics Laboratory. RLE Plasma Dynamics Seminar. 4pm, Rm 26-214.

## Student Meetings

**Student Information Processing Board Meeting**  
Every Monday, 7:30pm, Rm 39-200.

**Thursday Staff Meeting\*\***  
Every Thursday, 8pm, 2nd floor, Walker.

**Technique Staff Meeting**  
Every Saturday, 11am, Student Center Rm 457.

**ERGO Staff Meeting**  
Every Sunday, 6pm, Student Center Rm 443.

## MIT Club Notes

**MIT Students for Lindsay\*\***  
Meeting. Thursday, March 30, 5pm, Student Center West Lounge.

**MIT Students for McGovern**  
Canvassing and leafletting every Saturday. Meet at 11am, Goodale 103, East Campus. Also important meeting to discuss activities on Tuesday, April 4 at 7:30pm, Student Center Rm 451.

**White Water Club\*\*†**  
Pool session. Tuesday, April 4, 8-10pm, Alumni Pool.

**Scuba Club**  
Pool Session. Wednesday, April 5, 8pm, Alumni Pool.

**Classical Guitar Society\*\***  
Concert guitarist Hugh Geoghegan is available for private instructions for intermediate and advanced students. Call Vo Ta Han, 661-0297.

**Baker House SPAZ Jogging Club\*\***  
Daily, 10:45pm, Baker 2nd Floor West.

**Hobby Shop\*\***  
Open weekdays, 10am-4:30pm, duPont Gym basement. Fee: students, \$6/term or \$10/year; community, \$15/year. Call X4343.

**MIT/DL Duplicate Bridge Club\*\***  
Every Sunday, 2:30pm, Walker Blue Rm. Every Tuesday, 6pm, Lobdell.

**Tiddlywinks Association\***  
Every Monday, 8-11:15pm, Student Center Rm 491.

**Soaring Association\*\***  
First and third Mondays every month. 7:30pm, Student Center Rm 473.

**Judo Club\*\***  
Every Monday, Wednesday, Friday, 5pm; every Saturday, 1pm. duPont Gym Exercise Rm. Beginners welcome.

**Outing Club\***  
Every Monday, Thursday, 5pm, Student Center Rm 473.

**Fencing Club\*\***  
Every Tuesday, 6-9pm, duPont Fencing Rm.

**Glee Club\*\***  
Every Tuesday, Wednesday, Thursday, 5-6:30pm, Kre...  
New members, especially tenors, welcome. Call C...  
Driffin, 247-8691.

**Classical Guitar Society\*\***  
Classical guitar classes, group or private. Every Tuesday...  
Thursday, 5-8pm, Rms 1-132, 1-134, 1-136. Anyo...  
interested in lessons, call Vo-Ta Han, 661-0297.

**Rugby Club**  
Practice. Every Tuesday and Thursday, beginning March...  
7:30pm, Rockwell.

**Urban Vehicle Design Competition**  
Volunteer meetings. Every Wednesday, 3pm, Rm E40-2...

**Table Tennis Club\*\*\***  
Practice session, every Wednesday, 7:30-10:30pm, T-C...  
Lounge, duPont.

**Science Fiction Society\***  
Every Friday, 5pm, Rm 1-236.

**ACBL Duplicate Bridge\*†**  
Bridge Club. Every Saturday, 1:30pm, Student Center R...  
473. Members, free; non-members, 75 cents.

**Chess Club\*\***  
Every Saturday and Sunday, 1:30-5:30pm, Student Cent...  
Rm 491.

## Social Events

**Nigerian Students' Union\***  
Concert and dance, Saturday, April 1, 4pm-midnight, Sa...  
de Puerto Rico. Admission \$2.

**Society of Sigma Xi\*\***  
Informal coffee hour. Thursday, April 6, 4-5pm, Stude...  
Center Rm 491. Cohost is Prof. E. Brown, economics.

**Muddy Charles Pub\*\***  
Join your friends at the Muddy Charles Pub, 110 Walk...  
daily 11:30am-7:30pm. Call X2158.

**Friday Afternoon Club\*\***  
Music, conversation and all the cold draft Budweiser yo...  
can drink. Featuring folk singer Rich Holloway. Ever...  
Friday, 5:30pm, Ashdown basement Games Rm. Ad...  
mission: men \$1. women 50 cents. Must be over 21.

## Movies

**Cheyenne Autumn\***  
Sponsored by Philosophy Dept. Wednesday, March 2...  
7:30pm, Rm 10-250.

**Best House in London\*\***  
LSC. Friday, March 31, 7pm and 9:30pm, Rm 10-250...  
Tickets, 50 cents. Must show MIT ID.

**Get Carter\*\***  
LSC. Saturday, April 1, 7pm and 9:30pm, Rm 10-250...  
Tickets 50 cents. Must show ID.

**Treasure of Sierra Madre\***  
LSC. Sunday, April 2, 8pm, Rm 10-250. Tickets 50 cents.

**Great Expectations**  
Humanities Film Series. Monday, April 3, 8pm, 14N-0615.

**Marat Sade**  
Humanities Film Series. Monday, April 3, 8pm, Rm 26-100.

**Film about Director John Ford\***  
Feature length study of John Ford's work with excerpt...  
from 45 films spanning his career. Tuesday, April 4...  
2:30pm, Kresge. Free.

**Becket**  
Humanities Film Series. Tuesday, April 4, 8pm, Rm...  
10-250.

**Low Reynolds Number Flow and An Interview with G. I. Taylor**  
Fluid Mechanics Film Series. Thursday, April 6, and...  
Monday, April 10, 4-5pm, Rm 3-270.

**Battle of Algiers**  
Humanities Film Series. Thursday, April 6, 6pm, Rm...  
26-100.

**Masculine-Feminine**  
Humanities Film Series. Friday, April 7, 2pm, Rm...  
14N-0615.

**Bananas\*\***  
LSC. Friday, April 7, 7pm and 9:30pm, Rm 26-100...  
Tickets 50 cents. Must show ID.

## Dance

**Folk Dance Club\***  
International folk dancing. Every Sunday, 7:30-11pm, Sala...  
de Puerto Rico (exceptions to be posted).

**Modern Dance Technique Class\*\***  
Elementary/Intermediate. Every Monday, Wednesday...  
Friday, 5:15pm. Every Sunday, 1pm. McCormick Gym.

**Folk Dance Club\***  
Balkan folk dancing. Every Tuesday, 7:30-11pm, Student Center Rm 407.

**Tech Squares\***  
Every Tuesday, 8-11pm, Rm 10-105. Call dorm X0888 or 92-5453.

**Folk Dance Club\***  
Israeli folk dancing. Every Thursday, 7:30-10pm, duPont Gym T-Club Lounge.

## Exhibitions

**To Look on Nature\***  
Exhibition of 19th Century landscape painting of France, England, America, Holland, Italy and Spain. Hayden Gallery, April 7 through May 8.

**Photography Exhibit\***  
Photographs by MIT students Peter Sramek and Baldwin Lee. Hayden Corridor Gallery through April.

**Court House, City Hall\***  
Photographs by Bill Cliff displayed in Creative Photography Gallery through March 31.

**Photographs by Eadweard Muybridge\***  
Displayed in the Hayden Corridor Gallery through March.

**French Undersea Research\***  
Hart Nautical Museum, Bldg 5, first floor.

**The Art of Rigging and Buoy System for Air-Sea Studies\***  
Hart Nautical Museum, Bldg 5, 1st floor.

**Main Corridor Exhibitions\***  
Presented by students and departments. Bldgs 7, 3, 4, 8.

## Religious Services and Activities

The Chapel is open for private meditation from 7am to 11pm every day.

**Roman Catholic Easter Mass**  
Sunday, April 2, 9:15am and 12:15pm, Chapel.

**Hillel Passover Services\***  
Tuesday, April 4, 8pm; Wednesday, April 5, 9:30am and 8pm; Thursday, April 6, 9:30am (Yizkor at 11am). Chapel. (Note time changes).

**Roman Catholic Mass\***  
Every Sunday, 9:15am, 12:15pm, 5:15pm, Chapel.

**Christian Worship Service\***  
Every Sunday, 11am, Chapel.

**Christian Discussion Group\***  
Bible study and discussion of Christianity today. Every Sunday, 9:30-11am, McCormick Seminar Rm A. Call Ron Gamble, X6712 or 547-4279.

**Hillel Religious Services\***  
Monday-Friday, 8am, Rm 7-102; Fridays, 7:30pm, Chapel; Saturdays, 9:30am, Chapel.

**Tech Catholic Community Bible Study Program\***  
Weekly series of informal Bible discussions. Every Monday, 7:30pm, Student Center Rm 441.

**Christian Science Organization\***  
Meeting includes testimony of healings. Every Tuesday, 7:15pm, Rm 8-314.

**Latter Day Saints Student Association\*\***  
Religious seminars. Every Tuesday, 8am, Student Center Rm 473.

**Christian Bible Discussion Groups\***  
Every Wednesday, 12:30pm, Rm 4-343; every Thursday, 12:30pm, Rm 20B-222. Call Prof. Schimmel, X6739, or Ralph Burgess, X2415.

**Christians for Dinner\***  
United Christian Fellowship. Every Thursday, 6-7pm, Walker Dining Hall (under sign of the fish).

**Praying, Singing, Sharing Meeting\***  
United Christian Fellowship. Every Thursday, 7-8pm, East Campus Lounge.

**Islamic Society Prayers\***  
Every Friday, 1pm, Kresge Rehearsal Rm B.

**Vedanta Services\***  
Every Friday, 5:15pm, Chapel; discussion hour, 6pm, Ashdown Dining Hall.

**College Life Campus Crusade for Christ\***  
Brothers and sisters for fellowship and a time of teaching from the Open Book. Every Friday, 7-9pm, Rm 1-132.

**Islamic Society Discussion\***  
Isha prayers followed by discussion by various aspects of the Islamic way of life. Every Friday, 7:30pm, Student Center Rm 473. Coffee and doughnuts served.

## Athletics

**Varsity Outdoor Track\***  
University of New Hampshire. Friday, April 7, 3pm, Briggs Field.

## Announcements

**Foreign Study Notes**  
Students interested in planning a junior year abroad or a summer study abroad program should contact Dean Hazen in the Foreign Study Office, Rm 10-303, X5243, as soon as possible. 1972-73 deadlines are approaching. Also, freshmen interested in the domestic year away program should see Dean Hazen soon.

\*Open to the Public  
\*\*Open to the MIT Community Only  
\*\*\*Open to Members Only  
†Freshmen encouraged to attend

Send notices for April 5 through April 14 to the Calendar Editor, Room 5-111, Ext. 3279, by noon Friday, March 31.



Insurance broker Harold Williams (left) presents a \$13.4 million builder's risk policy to Kimball Valentine (center), assistant to the treasurer, as Physical Plant resident engineer August Perry looks on. The policy covers work being done by the Peabody Construction Company on the three building sites included in the Institute's Housing Program in Cambridge. Mr. Williams represents the United Brokers Insurance Agency, Inc., of Roxbury, the successful bidders for the insurance policy package. The policy is one of the largest single contracts given to a black insurance agent in this country. —Photo by Margo Foote

## Harvard-MIT Joint Health Program Gets \$5M Grant

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substitutes in the university-hospital community in Boston and nationally.

Researchers participating in the new biomaterials program are from numerous disciplines including various medical specialties, engineering, physics, biology and biophysics. Their studies range from basic research through the application of research findings to actual health services and cover many aspects of biomaterials science organized into four major categories.

Administratively the grant operates within the Harvard-MIT program in Health Sciences and Technology with a Steering Committee composed of project investigators drawn from each category and affiliated with organizational components of the Harvard-MIT Hospital complex. As Principal Investigator of the Program Project Grant, Professor Mann chairs the Steering Committee. An Advisory Board composed of MIT and Harvard faculty

and administration not otherwise involved in the program played a significant role in the development of the original proposal and will continue as a source of guidance and constructive criticism. Beyond these internal administrative arrangements, the program plans a Visiting Committee composed of preeminent individuals involved in biomaterials research nationally. The Program Project will continue and expand its program of formal and informal seminars and tutorials in the broad field of biomaterials research and development.

## Dr. Conwell To Become Mauzé Visiting Professor

(Continued from page 1)

Advancement of Science, and a member of Phi Beta Kappa and Sigma Xi.

In 1960 Dr. Conwell received the Achievement Award of the Society of Women Engineers, and the

## Brenner, Local Authorities Study British Drug Rehabilitation System

Dr. Joseph H. Brenner, staff psychiatrist in the Medical Department, recently returned from a trip to England where he served as a liaison for a Boston group studying the British system of drug clinics.

"My part in the trip was actually misrepresented in the local papers," Dr. Brenner explained. "I had planned to go to England to visit my parents and noticed that the drug study group was also going there. Since I am an Englishman and familiar with the ways in which the British have gone about tackling the problems of heroin addiction, I offered to introduce the group to the proper people.

"That was my only function in connection with their trip, although I did take an active part in a conference on drugs at the Ministry of Health."

The Boston area group, headed by Sheriff John Buckley of Middlesex County, went to England to study the controversial but successful British system of administering free heroin to addicts and its possible applicability in the United States.

"In Britain the drug situation is vastly different from that in this country," Dr. Brenner said, "the principal difference being in number as well as in the virtual absence of a criminally controlled underground drug distribution system. It is worth noting that there are somewhere under 3,000 heroin addicts in England, while a recent estimate places the number at 400,000 in New York City alone.

Distinguished Alumni Award from Brooklyn College in 1961. During other leaves from GTE Laboratories, she has served as a staff member in applied physics at Stanford University and as a Visiting Professor at the University of Paris.

"In Britain the program for dispensing heroin or methadone to known addicts in carefully controlled clinics has had great success. When the present system was adopted in 1968, the number of heroin addicts was doubling every 10 to 12 months. Now the number has leveled off and is actually decreasing slowly."

Dr. Brenner said that Sheriff Buckley's study group hoped to recommend the application of at least some aspects of the English program, perhaps in the Boston area.

"Of course the differences between the two countries will have to be taken into account. There certainly should be much tighter security precautions here. In England some addicts are allowed to pick up their heroin or methadone from local drug stores. Because of the particular problems in the US, the dispensing of drugs would have to be handled in a different way here."

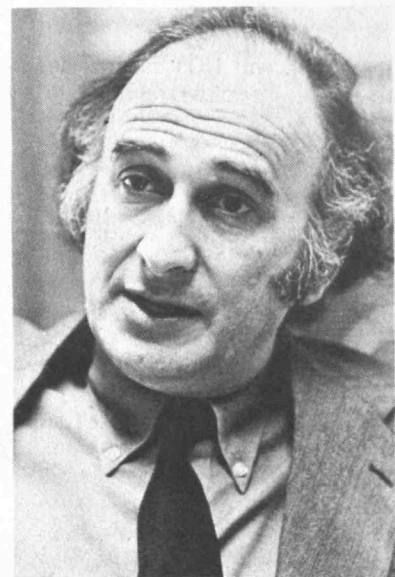
Any proposal for a program that might actually dispense drugs of addiction is bound to meet opposition, Dr. Brenner said, "but so

## Survey Features Transportation

The Engineering Projects Laboratory will present a survey of transportation research in mechanical engineering, on April 4, from noon to 4pm in the Vannevar Bush Room (Room 10-105).

Engineers and transportation planners are confronting difficult social and technological problems in meeting increased demands for transportation. The survey program will include presentations, panel discussions and laboratory demonstrations focusing on urban transportation, high speed vehicles and the coordination of technology and planning efforts in the political environment.

The program is open to the public free of charge.



Dr. Brenner. —Photo by Margo Foote

did the English program at its beginning. It should be remembered that more than 50 percent of all city crime in the US is now drug-related. If for no other reason this should be sufficient to suggest a rerouting of drugs into tightly controlled but legitimate channels."

In addition to his work at MIT Dr. Brenner operates a free clinic on Mt. Auburn Street in Cambridge and is the co-author of *Drugs & Youth*, a study of drug problems from the medical, psychiatric and legal perspectives.

## Marksmanship Course Offered

The MIT Pistol and Rifle Club has announced a new course in basic pistol marksmanship, beginning Thursday, April 6 at 6:30pm in the duPont pistol range.

Two-hour classes will be held for five consecutive Thursdays. The course is limited to the first 20 adult members of the community who apply. A \$10 fee covers materials used in the course. To sign up, call Herald Sulahian, Ext. 3989.

