

S.W. Kuffler Named 1979 F.O. Schmitt Lecturer



Dr. Stephen W. Kuffler, who holds the chair as John Franklin Enders University Professor at Harvard Medical School and who is a distinguished leader in the study of neural transmission, will receive the 1979 F.O. Schmitt Lectureship Medal and Award of the MIT Neuroscience Research Program on Monday, March 21, 1979.

Dr. Kuffler will present his lecture, "Synaptic Transmission: In Search of Models," at 4:30pm in the Little Theatre of Kresge Auditorium at MIT. Dr. Frederic G. Worden, director of NRP, will make welcoming remarks, and Dr. Walter A. Rosenblith, MIT Provost, will introduce Dr. Kuffler. The program is open to the public.

The F.O. Schmitt Lectureship and Awards was established in 1973 in honor of Dr. Francis O. Schmitt, who helped establish the field of biophysics in the 1950s and who founded the Neuroscience Research Program in 1962. Dr. Schmitt is Institute Professor Emeritus at MIT and NRP Foundation Scientist.

Dr. Kuffler is a noted researcher in the study of nerve terminals, or

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This photograph of Jupiter was taken on Feb. 1 by Voyager 1 at distance of 20 million miles. Objects as small as 375 miles across can be seen in the photo, the best resolution scientists had achieved at that date. Voyager 1 was closest to Jupiter Monday, Mar. 5, when it passed within 174,000 miles. Several MIT scientists are working on the solar wind experiment at Goddard Space Flight Center in Greenbelt,

Maryland, and the Jet Propulsion Laboratory in Pasadena, Calif. Films of Jupiter and of the trajectory of Voyagers 1 and 2 will be shown on the MIT Cable television this week and next. The tapes will be shown continuously: Mar. 7, noon to 4pm; Mar. 8, 12:30 to 4pm; Mar. 9, noon to 4pm; Mar. 12, noon to 4pm; and Mar. 13, 12:15 to 4pm.

MIT to Play Many Roles In Einstein Celebration

Scientists and scholars at MIT are joining others throughout the world in a host of special activities commemorating the 100th anniversary—on March 14, 1979—of the birth of Albert Einstein.

Events of the centennial celebration include a score or more of major conferences and symposia, among them principal meetings in the United States, Switzerland, and Israel.

This week six MIT physicists are attending the March 4-9 symposium on specific aspects of Einstein's scientific work at the Institute for Advanced Studies, Princeton, NJ. They are Dr. Kenneth Brecher; Dr. Herman Feshbach, head of the MIT Department of Physics; Dr. Philip Morrison, Institute Professor; Dr. Irwin I. Shapiro; Dr. Samuel C.C. Ting, Nobel laureate, and Dr. Victor F. Weisskopf, Institute Professor Emeritus.

In addition, Professor Weisskopf is to present a paper at the Albert Einstein Centenary Conference to be held March 13-17 in Bern, Switzerland. Sponsors of that conference include the International Union of Pure and Applied Physics, the International Committee on General Relativity and Gravitation; the Swiss Academy of Sciences, and the Albert Einstein Foundation.

Three MIT scholars are scheduled to participate also in the Jerusalem Einstein Centennial Symposium March 14-23 in Israel. Dr. Bernard T. Feld, professor of physics and also editor of the Bulletin of the Atomic Scientists, will give a paper on "Einstein and the Politics of Nuclear Weapons." Dr.

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Technical Typing Classes Resume

A new series of technical typing classes will start Tuesday, March 20, at noon in Rm 20C-215. Classes will meet Tuesdays and Thursdays for four weeks, each lasting an hour to an hour-and-a-quarter.

Up until a year ago, technical typing classes were offered by Priscilla Mead of the Office of Personnel Development. Her retirement and the need to find new space to house the class forced its suspension until now. The new class will be taught by Marg Lech, administrative secretary in the Office of the Vice President for Administration and Personnel.

The class will be open to all interested members of the community. For further information, call Ms. Lech, x3-4943, or the Office of Personnel Development, x3-4076.

Halle to Present Killian Lectures

Dr. Morris Halle, the Ferrari P. Ward Professor of Modern Languages and a leading scholar in the field of linguistics, will give the 1978-79 James R. Killian, Jr., Faculty Achievement Award Lectures Thursday, March 15, and Tuesday, March 20.

The lectures, on "Sound, Meter and Mind," will be given both days at 4pm in Huntington Hall (Rm. 10-250).

Five Classes To Compete In First MIT Talent Show

The first MIT Talent Show, twelve acts in competition representing the different classes, will be presented at 8pm, Friday, March 9, in the Sala de Peurto Rico. Admission and refreshments are free.

The competition was designed as a showcase for students with performing talents outside the realm of musical, drama and dance groups at MIT. The Logarithms and the Chorallaries will provide intermission entertainment.

Representing the class of 1982 will be Peter Merkle with "Peg-

gy's Song," and Libby Peralta with "Diamonds and Rust."

The class of 1981 has Lisa Parenchian with "Khachaturian Toccata," the "Spanish Inquisition Orchestra," whose members are Peter Vitale, Sam Tisherman, Marc Taylor, Bernard Beard and Ed Lanzilotta; and "Six Pistols," Armen Avanesians, Dave Slobodin and George Lesieutre.

The class of 1980 will present "Impromptu by Hugo Reinhold," with Steve Neustein; "Dancing," by Carolyn Tower and Lanier Leonard, and "Ye Olde Wayside Fyfer," by Tim Meixsell.

"The DAH-duh-DAH-DAH Man," Jonathan Hurd; "Burton One Woodwind Society," Jonathan Riso, Michael Brody, Erik Mueller, Lorenzo Sadun, David

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Amory Lovins Speaks Tonight

Amory Lovins, a physicist widely known for his support for alternate energy sources, will speak at MIT on Wednesday, March 7, at 8:30pm in Rm. 26-100.

Lovins is London representative of Friends of the Earth and author of *Soft Energy Paths: Towards a Durable Peace*.

His talk, on "Institutional Barriers to Soft Paths Implementation," is sponsored by the Center for International Studies and the International Environmental Program.

Levich Lecture Is Cancelled

Benjamin Grigorevich Levich, the noted Russian scientist, has had to cut short his visit to this country for reasons of health and will not lecture at MIT on March 13.

Dr. Ascher H. Shapiro, Institute Professor, who was to be Dr. Levich's host during his scheduled two-day visit here, said there is a possibility that the lecture can be rescheduled before the end of the term.

Dr. Levich and his wife were permitted by the Soviet Union to emigrate to Israel in December. They had been denied that permission since 1972 and Dr. Levich had been subjected to official ridicule and scorn. Many people at MIT joined in the international outcry by scientists at the Soviet government's treatment of the Levich case. Dr. Levich will return to Israel to recuperate.



OFFICE OF THE CHANCELLOR

To Members of the MIT Community:

The annual MIT-Red Cross Spring Blood Drive begins today. I encourage all eligible members of the MIT community—faculty, staff, employees and students—to take this opportunity to give of themselves to the benefit of the greater community of the Northeast (Massachusetts-Maine) region. As in the past, it is Institute policy to allow for time off, wherever possible, for employees to participate in the blood drive.

The turnout at past blood drives has been so good that MIT has become a significant source of blood for the Northeast region. I sincerely hope that the response to the drive which begins today will continue in this tradition.

The Red Cross supplies blood free to patients hospitalized in the region. Further, all residents of the region and their immediate families, even those members who are non-residents, are eligible to receive blood free at Red Cross participating hospitals across the country. Only hospital charges must be paid. To support this vital service, sufficient donations must be made to ensure an adequate and timely supply of blood for those in need.

A goal of 2,000 pints has been set for the eight day drive. Only with the wholehearted support of the MIT community can this goal be reached. With that support, it may even be surpassed.

Music Lectures to Present Talks by Stanczak, Lowens

Noted "Op" artist, Julian Stanczak and music historian and critic, Irving Lowens, will be featured speakers this month in a continuing series of lectures, "Music and Related Fields."

Sponsored by the Music Section of the Department of Humanities, Mr. Stanczak will speak on "Parallels of the Temporal Element in Visual and Audial Arts," Thursday, March 8; Mr. Lowens will speak on "Music and American Journalism," Thursday, March 15. The free, public lectures will be held in Rm 66-110 at 4:30pm.

Mr. Stanczak recently completed his seventh one-man show at Martha Jackson Gallery, New York City. His works are primarily focused on visual effects and phenomena, exploring the regions between perceptual and conceptual literacy of visual statements.

Born in Poland, Mr. Stanczak has lived and traveled throughout Europe, East Africa, Russia and West Pakistan. His art education consisted of private instruction in Uganda, East Africa and The Borough Polytechnic in London, England.

After moving to the United States in 1950, he received degrees from the Cleveland Institute of Art and Yale University. On the teaching staff of the Cleveland Institute of Art since 1964, Mr. Stanczak has also taught at the Art Academy of Cincinnati.

Mr. Stanczak's works are included in permanent collections at the National Gallery of Art and the Corcoran Art Museum in Washington, DC, the Pennsylvania Academy of Fine Arts, the Baltimore Museum of Art, the Milwaukee Arts Center, the Cleveland Museum of Art, the Albright Knox Art Gallery in Buffalo, NY, the Larry Aldrich Museum, Ridgefield, Conn., and the Dayton Art Institute, among others.

Mr. Stanczak has received numerous awards and commissions and his works have been represented in thematic, group and one-man shows throughout the United States and Canada.

Two Jazz Groups To Host Festival

The two MIT jazz orchestras will host a Jazz Festival concert at Kresge Auditorium on Friday, March 9, at 8:30pm.

Tickets for the concert will be offered free, through March 9, in MIT's Lobby 10, or may be purchased at the door for \$1.00.

The concert will include performances by the MIT Concert Jazz Band, Everett Longstreth director; the MIT Festival Jazz Ensemble, Herb Pomeroy director; the Harvard University Jazz Band, Tom Everett director; and the University of Lowell Studio Orchestra, Nat Paella director.

The program will be colorfully varied with a strong selection of popular jazz standards and new works, including *Summertime* by Bill Potts, *No U-Turn* by Gary Brunott, *Long Yellow Road* by Toshiko Akiyoshi, *Groove Merchant* by Horace Silver and *Janko* by Emil Vlnicky.

Scrimshaw Cited

Dr. Nevin S. Scrimshaw, Institute Professor and director of MIT's International Nutrition Program, was recently awarded an honorary doctorate by Tokushima University, Tokushima, Japan.

The fifth person to be awarded an honorary doctorate in that university's 30 year history, Dr. Scrimshaw was honored for his research contributions to the understanding of global protein-energy needs and his support of research efforts of Tokushima scientists in the field.

Dr. Scrimshaw also recently received the Medal of Honor of the Fundacion F. Cuenca Villoro, Zaragoza, Spain, for scientific work on human nutrition.

Internationally known Irving Lowens is an historian of American music and music critic of *The Washington Star*. In August, 1978, he was named Dean of the Peabody Conservatory of Music, Baltimore, Md.

During the course of his career, Mr. Lowens was the first librarian to specialize in phonorecords at the Library of Congress and was later the assistant head of the Library's Music Division. In addition to his many organizational memberships, Mr. Lowens served as president of the Music Library Association and the Music Critics Association and was one of the founders of the Inter-American Association of Music Critics.

Mr. Lowens has been active as an historian of American music for more than three decades. His book, *Music and Musicians in Early America* (New York: W.W. Norton, 1964), has long been recognized as a major contribution to the field. His most recent publication, *Music in America and American Music: Two Views of the Scene* (Institute for Studies in American Music, 1979), includes a bibliography of his writings numbering some 1,000 items.

Mr. Lowens has lectured throughout the United States and has received many honors and awards for his scholarly and journalistic achievements.

Open Rehearsal

The public is invited to an open rehearsal of the MIT Symphony Orchestra on Thursday, March 15, at 9pm in Kresge Auditorium. Henry Brant, composer of *Spatial Concerto*, a new work that will premiere in the Orchestra's March 17 concert, will assist. Following the rehearsal, Mr. Brant will be available to answer questions from members of the audience in an informal discussion.

INSTITUTE NOTICES

Announcements

MIT Community Players*—Auditions for mid-May production of Tennessee Williams's *Summer and Smoke* will be held 7:30-9pm, Thursday, Mar. 8; 2-6pm, Sunday, Mar. 11; 7:30-9pm, Tuesday and Wednesday, Mar. 13 and 14; Rm 1-136. March 8 auditions specially for Tech Talk readers. Info: 242-4783, 956-6253.

1979 Summer Internship Program in Public Policy**—Stipends of \$1,500 to a limited number of undergraduates for full-time internships in Boston or Washington D.C. for a minimum of 10 weeks. Assistance given in finding positions in the executive, legislative or judicial branch of government. Application deadline: March 20. Info: Emily Tsutsumi, E53-460, x3-3649.

Club Notes

ACM Student Chapter Meeting**—Final plans for upcoming lectures, election of new officers, 4pm, Wednesday, Mar. 7, Rm 8-314.

MIT Community Players*—Regular meeting, 8pm, Tuesday, Mar. 13, Rm 10-340. Play reading and refreshments. Anyone with technical or performing interest in the theater welcome. Info: 242-4783.

MIT/DL Bridge Club**—ACBL Duplicate Bridge, Tuesdays, 6pm, Rm W20-473.

MIT Go Club*—Regular meetings Mondays and Wednesdays, 8pm-12midnight, W20-491. Players of all ranks, instruction for beginners.

Hobby Shop**—Mon-Fri, 10am-6pm, W30-031. Fees: \$10/term for students, \$15/term for community. Info: x3-4343.

MIT Juggling Club*—Thursdays 7:30-11pm, Sundays 1-4pm, W20-491. Visitors welcome.

Graduate Student Council***—MCP Board of Governors meeting, 12noon, Wednesday, Mar. 7, the Pub.

Kundalini Yoga Group*—Wednesdays, 5-6:30pm, Mezzanine Lounge, Student Center.

Club Latino-MIT—Regular meetings, 7:30pm, Tuesdays, Student Center, room variable. Info: Juan Carlos, 494-0330; Jesus 494-9039.

MIT Outing Club**—meets every Monday and Thursday, 5-6pm in Rm W20-461, to plan upcoming trips and rent equipment. MITOC sponsors hiking, snowshoe, cross-country skiing, rock climbing, canoe or bicycle trips every weekend, also occasional slide shows and sales at local stores.

MIT Chinese Martial Arts Club (Wu Tang)*—Physical and mental discipline through practice of Kung-fu. Northern Praying Mantis and Tai Chi offered. Beginners welcome. Tuesdays, 8-10pm, W20-491, Saturdays, 1-5pm W20-407. Info: Chen-dao Lin, dl15-9640.

MIT Table Tennis Club*—Sundays, 2-4pm, Thursdays 6-8pm, T-Lounge, DuPont Gymnasium.

Tai Chi Club*—An old Chinese exercise designed to relieve stress and provide relaxation. Tuesdays, 5:30-6:30pm, Dance Studio, 2nd floor DuPont Gym.

MIT Tae Kwan-Do Club*—Korean martial art. New members welcome. General meetings, Mondays and Wednesdays, 8-10pm, Dancing Room; Saturdays, 3-5pm, T-Club Lounge.

Religious Activities

The Chapel is open for private meditation 7am-11pm daily.

Tech Catholic Community*—A communal celebration of the Sacrament of Penance, 8pm, Monday, Mar. 12, MIT Chapel. An opportunity for private confessions follows.

Tech Catholic Community*—Sunday masses: 9:15am, 12:15 and 5:15pm. Weekday masses: Tuesdays and Thursdays, 5:05pm, Fridays, noon, in the Chapel.

Christian Service*—Sundays, 10:30am, Chapel. All invited.

Service of Holy Communion*—Wednesdays, 5:10pm in the chapel. All welcome. Sponsored by the Lutheran and Episcopal Ministries.

MIT Hillel*—Megillah reading and Purim party, 8pm, Monday, Mar. 12, Student Center, Rm 407.

Jewish Religious Services*—Traditional Services, daily 8am, Rm 7-102. Friday night, Sundown, K kosher Kitchen, 50-005. Saturday, 9am, Bush Room 10-105. Mincha and Seudah Shlishit, info: 3-2982. Conservative Services, Saturdays, 10am, 312 Memorial Drive. Reform Services, call Hillel Office, 3-2982.

MIT Vedanta Society*—Meditation and discourses on the Gita by Swami Sarvagatananda of the Ramakrishna Vedanta Society of Boston. Friday, 5pm, Chapel.

Prayer Time and Bible Class*—1-2pm, Fridays, Rm 20E-207. Guest speakers, music, refreshments. Led by Miriam R. Eccles, founder and director, Alpha and Omega Missionary Society.

Jews for Jesus*—Purim celebration, 7:30pm, Saturday, Mar. 10, Rm 10-105. Music, singing, folk dancing, talk on Jewish survival. Speaker, Stuart Daverman, music director, Jews for Jesus. Refreshments.

United Christian Fellowship*—Weekly meetings, Fridays, 7:30pm, Spofford Room (1-236). Prayer Meetings, 5:15pm, Mondays, Tuesdays and Thursdays; 8:15am Wednesdays, W20-441.

Placement

Deadline extensions**—Department of the Army, H.E.W., Department of the Interior, NASA and Department of Commerce have extended their deadlines for federal summer intern program to March 9. Application forms available from Jane Wells, Rm 12-170.

The following companies will be interviewing during the time period covered by the current Institute Calendar. Those interested may sign up in the Career Planning and Placement Office, Mon-Fri, 9am-3pm, Rm 12-170, x3-4733.

CABLE TV SCHEDULE X3-3625

March 7-13, 1979

Friday, March 9
Channel 8:
12-1pm LOGJAM '77—by Video Club.
1-2pm MATERIALS REQUIREMENTS FOR ADVANCED DEFENSE SYSTEMS—Dr. Arden Bement, Advanced Research Projects Agency (ARPA). Rec. 11/21/78.
2-3pm OCEAN ENGINEERING—Prof. Kim Vandiver, Dept. of Ocean Engineering, MIT. "What is Engineering?" seminar series. Rec. 12/5/78.
3-4pm AIR TRANSPORTATION PROJECT—Prof. Leon Trilling, Dept. Aeronautics and Astronautics, MIT. "What is Engineering?" seminar series. Rec. 11/21/78.

Monday, March 12
Channel 8:
12-1pm POPULATION AND HEALTH POLICY IN THE PEOPLES' REPUBLIC OF CHINA—Dr. Fred Sai, United Nations Univ. Rec. 10/23/78.
1-2pm PAUL WINTER CONSORT—by Basement Video. Rec. 5/78.
2-4pm ENGINEERING ECONOMICS—Prof. Ann Friedlaender, Dept. of Civil Engineering, MIT. "What is Engineering?" seminar series. Rec. 9/26/78.
4:30-5:30pm BIOSYNTHESIS AND PROCESSING OF THE CARBOHYDRATE UNITS OF GLYCOPROTEINS: ROLE OF LIPID-SACCHARIDE INTERMEDIATES—Dr. Robert G. Spiro, Elliot P. Joslin Research Lab. Live from Harvard.

Tuesday, March 13
Channel 8:
12:15-2pm HARVARD SHOWCASE
2-4pm POLITICS, POLICY, HUMOR, AND SATIRE—Former Massachusetts Governor Francis W. Sargent; Dick Flavin, Political Satirist, WBZ-TV Ch. 4 News; Edwin Diamond, Senior Lecturer, Dept. of Political Science, MIT; Jack Cole, Freelance Media Critic; Danny Schechter, WBCN News Dissector, and Producer WLVI-TV Ch. 56. Rec. 1/11/79.
8:02 REVIEW SESSION

Wednesday, March 7
Channel 8:
12-1pm JAZZ COFFEEHOUSE—by Basement Video. Rec. 1977
1-2pm AVIATION GROWTH IN THE EIGHTIES: FOR WANT OF AN AIRPORT—Duane Freer, Director, Office of Aviation Policy, Federal Aviation Administration. Rec. 11/20/78.
2-4pm MECHANICAL ENGINEERING—Prof. Herbert Richardson, Dept. of Mechanical Engineering, MIT. "What is Engineering?" seminar series. Rec. 9/12/78.

Thursday, March 8
Channel 8:
12:30-1:30pm NOON H.I.T.S.—weekly Harvard student-produced show. Live from Harvard.
1:30-2pm FIRE UNDER THE SEA: THE ORIGIN OF PILLLOW LAVA.
2-4pm MATERIALS SCIENCE—Prof. Harry C. Gatos, Dept. of Materials Science and Engineering, MIT. "What is Engineering?" seminar series. Rec. 9/14/78.

March 8—A.I.L. Div. of Cutler Hammer; Bechtel Power Corp.; Bell Labs; Chrysler Corp.; Ford Motor Co.; General Electric Co.; Graco Inc.; Grumman Aerospace Corp.; W.R. Grace & Co.; Signatron, Inc.; TASC; Texas Instruments Inc.; Stone & Webster Engineering Corp.; Watkins-Johnson Co.

March 9—Aerojet General Corp.; AiResearch Manufacturing Co. of CA; Avendale Shipyard; Black & Decker Inc.; Dranetz Engineering Labs; Epsilon Data Management; Engineering Internship Program; FCC; General Electric Co.; Linkabit Corp.; Lutron Electronics; Metropolitan Insurance Co.; Modification Systems Inc.; Outboard Marine Corp.; Dept. of Transportation/Trans. Systems Ctr.; Watkins-Johnson Co.

March 12—ADR Corp.; Cullinane Corp.; Dictaphone Corp.; Engineering Internship Program; U.S. Environmental Protection Agency; Inco Research and Development Center; Intermetrics, Inc.; Linkabit Corp.; Megatest Corp.; Naval Sea Systems Center & Naval Ship Engineering Center; Northrop Corp./CA; New England Electric Systems; Philips Labs; Raychem Corp.; Soil Testing Services of Minnesota, Inc.; Systems Research Co.; Sargent & Lundy; Tymshare, Inc.; Worthington Compressors Inc.

March 13—Advanced Marine Enterprises Inc.; Champion Spark Plugs Co.; R.R. Donnelley & Sons Co.; Engineering Internship Program; Energy Impact Associates, Inc.; Gould-CID; Masstor Systems Corp.; Naval Ocean Systems Center; David W. Taylor Naval Ship R & D Center; Omega Engineering, Inc.; Daniel J. O'Connell Sons Inc.; Science Applications; Shell Development Co.; Texas Instruments; The Yardley Group.

March 14—Analog Devices; Bell Labs/PHD; Data Resources, Inc.; Engineering Internship Program; Gilbane Building Co.; Kimberly-Clark Corp.; Physics International Co.; Science Applications Inc.; Scoville Manufacturing Co.; Texas Instruments; TRW/Energy Systems Planning Div.

Graduate Studies

Pharmaceutical Manufacturers Association Research Grants**—Doctoral dissertation research grants to encourage original research in areas relating to the socioeconomic aspects of the health care products industry. Doctoral candidates pursuing a degree in economics or related social and administrative sciences may apply. Applicants must have completed all course work leading to the doctoral degree and passed all qualifying examinations. The maximum stipend is \$2,500. Info: Graduate School Office, Room 3-136. Application deadline: March 15, 1979.

New UROP Listings

For more detailed information on UROP opportunities listed, MIT undergraduates should call or visit the Undergraduate Research Opportunities Program Office, Room 20B-141, Ext. 3-5049 or 3-4849 unless otherwise specified in the listing. Undergraduates are also urged to check with the UROP bulletin board in the main corridor of the Institute.

Economic Development and Industrial Corp.
I. Opportunity to monitor and analyze statistical data relevant to economic development and to stay abreast of issues affecting economic development and industrial development. II. Student sought to stay abreast of all legislation which could directly impact private and public sector economic development, monitor changes in relevant federal grant programs, and propose projects through which federal and state funds could best be utilized. III. Opportunity to assist in the preparation of development plans, review alternative project development strategies, identify alternative sites and land uses, study marketing potential of industrial sites. Contact Prof. Lawrence Bacow, 7-338; x3-2004.

Sustained Release Polymers
Systems have been developed which can continuously deliver molecules of any molecular weight for prolonged periods. This is important for drug administration. A major problem is to be able to predict what factors in the polymer-drug system control the release of the drug. Our studies indicate that drugs migrate through channels in the polymer and that

factors such as the drug/polymer ratio and the size of drug particles are critical parameters in controlling release. The proposed project would involve determining preferred transit paths in 2-and-3 dimensional networks and comparing predictions with already available data. Junior or senior with background in computer programming preferred. Contact Dr. Robert Langer, 16-309, x3-3107.

Project STILE

Project STILE, a teacher-training dropout-prevention program at MIT, has an opportunity for a student to conduct a study on differences in the ways public school teachers interact with students considered high, medium or low in capability. The student would help develop a process by which the already collected raw data on teacher-student interactions can be translated into useable form for a computer. The student would then examine the computerized analysis of the data and would choose a dimension of teacher-student interaction to compare across three groups of students as described above. Credit only. Contact John P. Terry, 20C-014, x3-5126.

Urban Studies and Planning

I. Two students are invited to prepare brief descriptions of the tools that environmental planners can use in developing environmental impact assessments. Pay available. II. Opportunity to assist in experimental attempt to fit an agricultural crop supply model to district-level data for Bangladesh. Student should be willing to work with statistical data and should have an interest in the rice-economies of South and Southeast Asia. III. Student invited to conduct analysis of energy facility siting conflicts and to carry out literature and interview research of compensation and negotiation techniques. IV. A study is being conducted on how married students from selected foreign countries adapt themselves to MIT and Harvard housing. A student is invited to conduct interviews, analyze the data collected, and take part in writing up the final report. Contact Chuck Wexler or Kathy DeShong, 9-519 or 9-521, x3-7736.

Research Lab of Electronics

There are several opportunities for undergraduates available in the areas of hardware and software at the Cognitive Information Processing Lab of the Research Lab of Electronics. Several DEC computers will be utilized and some have been modified to fulfill the needs of the group. Electrical engineering and computer science majors are preferred but students majoring in other disciplines experienced in troubleshooting software (UNIX, etc.) or hardware (discrete, board or computers) are welcome. Contact James Cyr, 36-624, x3-7311.

Neuroendocrine Research

Opportunity for a hardworking student to work on a project which involves the study of how the brain regulates the secretion of a pituitary hormone, growth hormone, and the influences of the diet and pharmacologic agents on this function. The student will be expected to work on all aspects of these studies. Contact Mike Arnold, x3-6709.

Echoes

March 4-10

50 Years Ago

Members of the MIT Chemical Society inspected manufacturing processes used in the New England Confectionery Company and then made their way through a similar inspection of Ward's Bakery. The only complaint heard from the inspecting team was that the NECCO plant was not having a run of choice chocolates that day.

40 Years Ago

President Karl T. Compton announced that the Charles Hayden Foundation has made a grant of \$50,000 for freshman scholarships to Technology. The fund was established for the purpose of aiding high school students in Boston, with preference given to graduates of the Boston English High School.

25 Years Ago

John H. Rieman '54 was elected Commodore of the MIT Nautical Association. MIT is the owner of a fleet of 40 dinghies, designed at Tech and made of fiberglass.

Prepared by Marcia Conroy, MIT Historical Collections, x4444.

TECH TALK Volume 23, Number 26 March 7, 1979

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Recollections of Leo Szilard Published by the MIT Press

Leo Szilard: His Version of the Facts, selected recollections and correspondence edited by Spencer R. Weart and Gertrud Weiss Szilard, has just been issued by the MIT Press.

Leo Szilard was the first scientist to envision the theoretical possibility of a chain reaction resulting from the fission of atomic nuclei. He was instrumental in convincing the American government to develop atomic weapons before the Nazis did. And, once the atomic bomb was at hand, he passionately opposed its use against civilian populations.

This volume presents his version of these and other topics through recollections complemented by 121 documents, carefully selected, annotated, and interwoven by the editors from a vast body of material.

The recollections were assembled from a number of sources, including tape recordings

Library Booksale

Who's Who? Find this reference work and thousands of other volumes at bargain prices at the MIT Libraries Booksale.

This annual event will take place on Wednesday and Thursday, March 7 and 8, in Rm 7-102, 10am-4pm.

Books in all subject areas, technical reports, journals, records and tapes will be offered. All sale items are surplus library material. Proceeds from the sale will be used for library purchases.

Plan on stopping in at the sale more than once as prices are reduced as the sale progresses.

Szilard made while undergoing cancer therapy in 1960, and they reflect a mind keenly alive to all aspects of the world—physical, social, political, moral. His version of the past is marked by ample recall, judiciousness, the play of wit, and as much good humor as the often grim story he has to tell will allow.

Each of the book's seven chapters opens with a transcript of Szilard's recollections concerning significant episodes in atomic research and "atomic politics" from 1933 to 1945. These recollections are followed by a selection of documents (letters, cables, memoranda, petitions), most of them never before published, which add immensely to our understanding of the events of these critical years.

The Hiroshima bomb was dropped in August 1945. But that marked the beginning rather than the end of Leo Szilard's struggle to save the world from its own worst devices.

Gertrud Weiss Szilard, who first met Szilard in 1930, was married to him from 1951 to his death in 1964. She is a research associate at the Program in Science, Technology and Public Affairs, University of California at San Diego. Spencer R. Weart is the director of the Center for History of Physics at the American Institute of Physics.

Reviewing the book in Scientific American, Institute Professor Philip Morrison wrote:

"[The book] ... displays bold new ideas in plenty. They are the ideas ... of one of the most prescient and original of all the minds that built today's physics...Szilard was different...his memory will remain as a unique image of a man to whom science was more than a profession, or even an avocation: a mode of being."



A point about Einstein's ideas is explained by Dr. Kenneth Brecher, center, MIT physicist, in the special television program, "Einstein's Universe," to be broadcast at 8pm March 13 by Channel 2, Boston. Playing the role of the interested layman is Peter Ustinov, right, whose tutors are six distinguished

British and American scientists. Besides Professor Brecher the six include Dr. John Wheeler, left, of the University of Texas, a theoretical physicist who knew Einstein personally, and Dr. Irwin I. Shapiro, MIT professor of physics. The broadcast will be repeated by WGBH-TV at 8pm on March 19.

Many Participate in Einstein Tribute

(Continued from page 1)

Gerald Holton, visiting professor of physics and the history of science, will participate, and Dr. Roman Jakobson, Institute Professor Emeritus of linguistics and philosophy, will present a paper on "Einstein and the Science of Language."

Four activities involving MIT people are keyed to the centennial date:

—The broadcast at 8pm March 13 of "Einstein's Universe," a Public Broadcasting Service "science special" television program to be shown in the Boston area by Channel 2. The program involves Dr. Brecher and Dr. Shapiro of MIT and four other internationally known physicists and astronomers.

—The publication on the centennial date, March 14, of the book, *Einstein, A Centenary Volume*, edited by Dr. Anthony P. French, professor of physics and academic officer of the MIT Department of Physics. The volume is being published by Harvard University Press and Heinemann publishers in England for the International Commission on Physics Education, of which Professor

French is chairman. The book is divided into four sections. The first two contain reminiscences and writings on Einstein and his work by 25 prominent scientists. The other two consist of a selection of Einstein's letters and writings. Altogether, these provide "a total assessment" of Einstein's life and work.

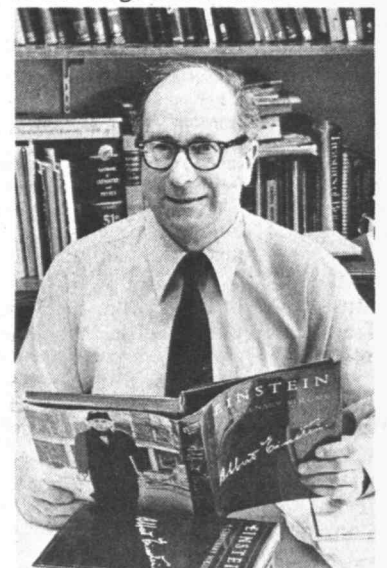
—A colloquium to be presented by Professor French at 4pm on Thursday, March 15, in Room 26-100 on "Einstein at 100: Some Sidelights on His Life and Work." In his presentation Professor French will draw from material gathered for the Einstein centenary book.

—The publication in *Nature* magazine on March 15 of "A Guide to the Perplexed," a brief collection of direct and indirect quotations by Einstein gathered by Professor Brecher "as a tribute in honor of the centenary."

By the end of the month, a copy of the large American Institute of Physics exhibit on Einstein will be on view in the Lobby of Building 7. The exhibit's 18 two-by-four-foot panels will display photos of Einstein that are to be mounted by MIT Historical Collections. Pur-

chased by MIT at nominal cost, the exhibit will be shown at different locations within the Institute for several months.

Because of the current international conferences and symposia elsewhere, MIT will hold its own Einstein anniversary celebration later, on May 14. Dr. Kenneth A. Johnson, professor of physics, will be in charge of the event.



Dr. Anthony P. French, professor of physics, examines first copies of the new book *Einstein, A Centenary Volume*, of which he is editor. The book has a publication date of March 14, the centennial date of the birth of Albert Einstein. Professor French began work on the volume in early 1976 for the International Commission on Physics Education, of which he is chairman.

Bulletin of Atomic Scientists Devotes Issue to Einstein

Dr. Bernard T. Feld, professor of physics at MIT, is the author of the lead article in the 88-page special issue of the *Bulletin of the Atomic Scientists* commemorating the 100th anniversary of Albert Einstein's birth March 14.

Professor Feld, who is editor-in-chief of the magazine, based the article—"Einstein and the Politics of Nuclear Weapons"—on a talk he is giving in Jerusalem at an Einstein commemorative symposium later this month.

The MIT physicist met Einstein on several occasions, the first time while Feld was a graduate student at Columbia University in 1940-41 studying under Leo Szilard and Enrico Fermi. "Szilard did not drive a car," Professor Feld recalled, "and on several occasions I chauffeured him to Princeton to meet with Einstein. I didn't know it then, but Szilard, Einstein and others were drafting their famous letter to President Roosevelt urging support of a study to determine whether or not a nuclear weapon

was possible."

The special issue of the *Bulletin of Atomic Scientists* is entitled, "Einstein and Peace."

It has articles by M.A. Markov, Secretary for Nuclear Physics and Astrophysics of the Soviet Academy of Sciences ("Reflections of a Soviet Scientist on Einstein"); by Joseph Rotblat of the University of London ("Einstein the Pacifist Warrior"); and by Harrison Brown, director of the Resource Systems Institute of the East-West Center in Honolulu, Hawaii ("An Early Brief Encounter," dealing with Einstein's involvement with the Emergency Committee of Atomic Scientists in the late 1940s).

Copies of the special issue will be available at the Tech Coop and at the kiosk in Harvard Square. The magazine, which has 10 issues a year at a subscription price for academics and students of \$15, is published by the Educational Foundation for Nuclear Science at 1020-24 East 58th Street, Chicago, Ill.

Arteriosclerosis Center Receives Grant From Culpeper Foundation

The MIT Arteriosclerosis Center has been awarded a grant of \$80,000 from the Charles E. Culpeper Foundation, Inc., of New York. This grant is in addition to \$130,000 provided by the foundation since 1977.

The Center is an interdisciplinary, interinstitutional facility that focuses on research into the causes, diagnosis and treatment of arteriosclerosis and allied diseases. This grant will be applied towards support of the core facility which houses a laboratory and medical clinic and serves as an administrative center for patient

care, research and medical teaching. The clinical data made available through patient screening and follow-up in the core facility are essential to the Center's research. Having provided care for more than 2,000 patients since its founding, the clinic is a unique local and national resource center for the study of cardiovascular disease.

The Center is directed by Robert S. Lees, MD, and involves physicians and engineers from MIT and the Massachusetts General Hospital.



MIT President Jerome B. Wiesner (left) and Howard W. Johnson (right) congratulate Luis A. Ferré '24 of Ponce, Puerto Rico, upon Mr. Ferré becoming Life Member Emeritus of the MIT Corporation at the Corporation's meeting and luncheon last Friday, March 2.

—Photo by Calvin Campbell

Luis Ferré Named Emeritus Life Member of Corporation

Luis A. Ferré of Ponce, Puerto Rico, a Life Member of the Corporation of MIT since 1967, was honored by the Corporation at its recent March 2 meeting in Cambridge on the occasion of his becoming Life Member Emeritus.

Mr. Ferré became Emeritus upon reaching his 75th birthday earlier this year.

In honoring Mr. Ferré, Howard W. Johnson, Chairman of the MIT Corporation, said Mr. Ferré's long career of service to business and industry, to the arts, to his alma mater and to his native Puerto Rico as an elected government official and statesman has made him an admired and respected model for MIT alumni everywhere.

Mr. Ferré, a 1924 graduate of MIT, led in organizing the MIT alumni in Puerto Rico in establishing the Sala de Puerto Rico as the main ballroom in MIT's Julius Adams Stratton Student Center Building, built in the early 1960's. He has over the years

served as counselor to scores of students from Puerto Rico who have attended MIT and has served as a major force in reviving interest at MIT in the teaching of the Spanish language and Spanish literature.

Mr. Ferré served a five-year term on the Corporation from 1962 to 1967 before being elected a Life Member. He was president of MIT's 60,000-member Alumni Association in 1974-75. A noted patron of the arts in Puerto Rico, Mr. Ferré presently serves as chairman of the Council for the Arts at MIT, a post he has held since 1976.

A leader in Puerto Rico's public life, he was governor of Puerto Rico from 1968 to 1972 and presently, as a senator from the Ponce district, serves as president of the Puerto Rico senate.

Present at the Corporation luncheon where Mr. Ferré was honored was his sister, Sister M. Isolina Ferré, M.S.B.T., of Ponce.

THE INSTITUTE CALENDAR X3-3270

March 7
through
March 18

Events of Special Interest

Libraries Booksale* — Books in all subject areas, technical reports, journals and tapes will be offered, all sale items are surplus library materials, proceeds from the sale will be used for library purchases. Thurs, Mar 7 & 8, 10am-4pm, Rm 7-102.

Lecture Series Committee Lecture* — Ralph Bakshi will speak. Mon, Mar 12, 8pm, Kresge Auditorium. Admission: \$3, \$1.50 w/MIT or Wellesley ID. Ticket information: 253-3791.

Lecture Series Committee Lecture* — R. Buckminster Fuller, inventor and author will speak. Wed, Mar 14, 8pm, Kresge Auditorium. Admission: \$3, \$1.50 w/MIT or Wellesley ID. Ticket information: 253-3791.

The 1979 Women's League Evening Dinner*** — Distinguished speaker, Dr. Brandford Washburn will show colored slides of his recent project, Mapping the Grand Canyon, and describe in detail the topographic and geologic features of the heart of the Canyon. Thurs, Mar 15, cocktails at 6:30pm, dinner 7pm. Faculty Club.

Killian Lecture* — Presented by Dr. Morris Halle, Prof Ferrari P. Ward, Modern Languages and Linguistics and 1978 recipient of the James Rhyne Killian, Jr., Faculty Achievement Award. Thurs, Mar 15 and Tues, Mar 20, 4pm, Rm 10-250.

Seminars & Lectures

Wednesday, March 7

Fatness and the Onset and Maintenance of Menstrual Cycle* — Rose Frisch, Ph.D, lecturer on Population Studies, Harvard School of Public Health. Clinical Research Center Seminar, 9am, Rm E18-408.

Lessons to be Learned from the Rise of Eugenics Ideology in Nazi Germany, 1900-1945* — Prof Jan King, biology, Prof Steve Chorover, psychology. Sponsored by the Equal Rights Committee, Noon-1pm, Rm 66-168. Bring your lunch.

Equatorial Current Measurement* — Dr. Jim Luyten, W.H.O.I. Oceanography Sack Lunch Seminar, 12:10pm, Rm 54-915. Coffee provided.

Free Electron Laser Based Upon Stimulated Scattering* — Dr. Robert Smith, Jaycor Company. Electrical Engineering and Computer Science Optics Seminar, 3pm, Rm 36-428.

A Review of Computational Aerodynamics—Past, Present and Future* — Dr. Paul E. Rubbert, The Boeing Airplane Company. Aeronautics and Astronautics General Seminar, 3pm, Rm 37-212. Coffee served preceding seminar, Rm 33-222.

Computers and the Work Place* — Prof Rob Kling, computer science, UC Irvine; Laurence Reineman, president, First National Bank of Boston; Howard Angione, news technology editor, *New York Times*; Dr. Octo Barnett, director, MGH Laboratory for Computer Science and associate professor, Harvard Medical School. Program in Science, Technology and Society Forum on Computers and Society, 4pm, Rm 54-100.

Modern Optics and Spectroscopy Seminar* — Vernon Hughes, Yale University. Muonium and Mu-Mesic Atoms Seminar, 4pm, Rm 66-110. Coffee and cookies at 3:30pm.

Pup-Sensitive Aggression in Virgin and Lactating Females* — Dr. Mary Erskine, Neural and Endocrine Regulation Group, 4pm, Rm 66-144.

Charged Particle Beam Weapons: Flash Gordon Revisited* — Dr. Kostas Tsipis, Undergraduate Physics Colloquium, 4:15pm, Rm 4-339. Social hour follows.

The Wednesday Afternoon Lecture Series* — Harvey Stein, photographer to discuss his works, 4:30pm, Creative Photography Gallery, 120 Mass Ave, Camb, MA. Made possible by a grant from the Minolta Corporation.

Institutional Barriers to Soft Paths Implementation* — Amory Lovins, London Representative of Friends of the Earth and the author of *Soft Paths*. Sponsored by the International Environmental Issues Program and the Center for International Studies, 8:30pm, Rm 26-100.

Thursday, March 8

African Seminars* — Josiah Chinamano, Vice President of the Zimbabwe African People's Union (ZAPU), chaired by Prof Robert Rotberg. Seminar, 4-5pm, Rm E38-615. Everyone welcome, off-the-record.

An Alternative to Pure Random Assignment* — Vicki Bier, Operations Research Center. Operations Research Center Student Workshop Seminar, 4-5pm, Rm 24-121. Coffee and cookies served after seminar.

Approaches to a Theory of Nerve Membrane* — Prof J.Y. Lettvin, electrical and bioengineering. Committee on Biomedical Engineering Seminar, 4-5:30pm, Rm 35-225. Refreshments served.

Carnegie Commission on Public Broadcasting* — Wilbur Davenport, Commission member, former chairman, Electrical Engineering at MIT; Steven K. Bailey, Commission member, Harvard School of Education; Michael Rice, Aspen Institute, formerly with WGBH. Research Program on Communications Seminar, 4-6pm, Rm 37-252.

Parity Violation in Electron-Deuteron Inelastic Scattering* — Prof Richard Taylor, SLAC. Physics Colloquium, 4pm, Rm 26-100. Tea served 3:30pm, Rm 26-110.

Energy and Social Choice* — Prof David Rose, nuclear engineering; Prof Richard Eckaus, economics. Sponsored by the Faculty Steering Committee, 4:30-6:30pm, Rm 4-270.

Parallels of the Temporal Element in Visual and Audial Arts* — Julian Stanczak, artist. Music and Related Fields Seminar, 4:30pm, Rm 66-110. Free.

Friday, March 9

Collisional Narrowing in Infrared Transitions* — D. Ramachandra Rao, Indian Institute of Technology, Kampur. Modern Optics and Spectroscopy Seminar, 11-Noon, Rm 9-150. Coffee served 10:30am.

Chemical Engineering Seminars* — Viorica Lopez-Avila, Organic Compounds in an Industrial Wastewater; A Case Study of Their Environmental Impact, 2pm. Guest Speaker: Prof George A.R. Gavalas, California Institute of Technology, Pore Diffusions in Coal Combustion, 3pm. Rm 66-110.

ICRF Heating in the Macrotron Tokamak* — Prof George Morales, UCLA. Plasma Fusion Center Seminar, 3pm, Rm NW16-212.

Is Solar Energy Riskier Than Nuclear Energy?* — Herbert Inhaber, Scientific Adviser, Technology Impact Division, Atomic Energy Control Board, Ottawa, Canada. Mechanical Engineering Seminar, 3pm, Rm 3-133.

Spin Dynamics and Magnetic Ordering in Mixed Valent Compounds* — Dr. S.M. Shapiro, Brookhaven National Laboratory. Center for Materials, Science and Engineering Colloquium, 4pm, Rm 9-150. Coffee at 3:30pm.

Tankard Seminar** — Harold Edgerton, Electrical Engineering and Computer Science, Institute Professor Emeritus. Ocean Engineering Informal Lecture, 4-5pm, Rm 5-314. Beer, soda and refreshments served.

The Conquest of Bread: On Food, Energy, Entropy and Anarchism* — Prof George Salzman, physics, U Mass-Boston. SACC Seminar, 8pm, Rm 9-150.

Monday, March 12

Transmission and Emission Computed Tomograph* — G.L. Brownell, Principles of Medical Imaging Seminar Series, 1-2:30pm, Rm NW12-222.

Improved Control of Manufacturing Processes* — Dr. David Hardt, research associate, mechanical engineering. Laboratory for Manufacturing and Productivity, Mechanical Engineering Seminar, 3pm, Rm 37-252.

Microprogramming** — Dr. Norman Sondak, Chairman, Computer Science, San Diego State University. Sponsored by the ACM Student Chapter, 3:30pm, Rm 9-150. Refreshments at 3pm.

Application of Second Movement Methods to Numerical Models of Ground-water* — Michael D. Dettinger, civil engineering. Water Resources and Environmental Engineering Seminar, 4-5pm, Rm 48-316. Coffee at 3:45pm, Rm 48-410.

Fouling Mechanisms and Effects on Reverse OSMOSIS Systems* — Allan Chan, research assistant, Fluid Mechanics Seminar, 4-5pm, Rm 5-234. Coffee at 3:55pm.

Periodic Waves of Chemotactic Predators Chasing Logistically Regenerating Prey* — Garrett Odell, associate professor, mathematical sciences, Rensselaer Polytechnic Institute, Troy, New York. Applied Mathematics Colloquium, 4pm, Rm 2-338. Refreshments served 3:30pm, Rm 2-349.

Is And/Or Will Life Be A Greater Adventure?*** — Prof Harold J. Hanham, history and political science. The Interactions Between Science, Technology and Society; An Alumni Institute Program. There will be drinks and conversation before dinner; dinner served at 6:30pm, Faculty Club, followed by the seminar.

Tuesday, March 13

Mechanical Suppression of Abnormal Tremor* — Dr. Michael Rosen, lecturer, member research staff, Harvard-MIT Rehabilitation Engineering Center; B.D. Adelstein, R.A. Design and Controls Division Seminars, Mechanical Engineering, 1-2pm, Rm 1-114. Coffee served.

Stability Limits in High Beta Tokamaks* — Antonio Ferreira, Doctoral Seminars-Fusion, 3-5pm, Rm 24-407.

Stress Analysis Around Macroscopic Cracks Under Creep Conditions* — Prof Hermann Reidel, Division of Engineering, Brown University. Applied Mechanics Seminar Series, 3pm, Rm 3-270. Coffee served Rm 1-114 after seminar.

Chemiluminescent Reactions of Alkaline Earth Metal Vapors: An Old Tale Retold* — Prof Howard Palmer, Fuel Science, Pennsylvania State University. Seminar in Physical Chemistry, 4pm, Rm 4-370. Coffee served at 3:45pm, Rm 6-321.

On Experimental Design for a Piecewise Linear Regression* — Prof Yossi Yahav, currently visiting Columbia University from Hebrew University, Jerusalem. Statistics Seminar, 4pm, Rm 2-338. Refreshments at 3:30pm, Rm 2-349.

Stochastic Modeling of Ocean Storms* — Shyam Sunder, civil engineering. Research in Offshore Engineering Seminar Series. Sponsored by Civil Engineering and Ocean Engineering, 4-5pm, Rm 48-316.

The Fiscal Year 1980 Defense Budget* — Prof William W. Kaufmann, political science. Center for International Studies Seminar, 4-5:30pm, Rm E38-762.

Gravitational Wave Astronomy* — Dr. Michael Turner, University of Chicago. Astrophysics Colloquium, 4:15pm, Rm 37-252. Coffee at 3:45pm. Visitor parking available in East Garage, corner of Main Street and Vassar Street, please mention colloquium to Guard.

Biochemistry of a Simple Behavioral System* — Dr. Daniel Koshland, biochemistry, University of California, Berkeley. Biology Colloquium, 4:30pm, Rm 6-120. Coffee served 4pm, Vestibule 5th Fl, Bldg 56.

How Constrained is our Future? Energy Economics* — Prof Tjalling Koopmans, economics, Yale University. Sponsored by the Faculty Steering Committee, 4:30-6pm, Rm 4-270.

US Corporate Involvement in South Africa* — Dumisani S. Kumalo, exiled South African journalist. Sponsored by the Coalition Against Apartheid, 8pm, Rm 1-236.

Wednesday, March 14

Purine Metabolism of the Gut — Implications for Clinical Therapy* — Neal Leleiko, MD, Fellow in Clinical Nutrition. The Clinical Research Center Seminar, 9am, Rm E18-408.

Theory on Applications of the ITEK PROM* — Dr. Bruce Horowitz, ITEK Corporation. Electrical Engineering and Computer Science Optics Seminar, 3pm, Rm 36-428.

Brain Reserves, Food Aid, and Food Insurance: How a Comprehensive Scheme Might Operate* — Barbara Huddleston, I.F.P.R.I. International Food and Nutrition Policy Program Seminar, 4pm, Rm 16-310.

Hospitals and Health Care in the Progressive Era City* — David Rosner, CUNY: Baruch College/Mt. Sinai School of Medicine. Program in Science, Technology and Society Seminar, 4pm, Rm 20D-205. Coffee served 3:45pm.

Human Rights and National Security* — Donald Fraser, former Congressman 1962-1978 from Michigan. Center for International Studies Seminar, 4-6pm, Rm E38-762.

Statistical Physics and Population Biology: Some Applications of An Entropy Measure* — Prof Lloyd Demetrius, Rockefeller University, New York. Joint Seminar by Mathematics and the Center for Advanced Engineering Studies, 4pm, Rm 9-451.

The Control of Tubulin Expression in the Developing CNS* — Dr. Ilana Gozes, Neural and Endocrine Regulation Group Seminar, 4pm, Rm 66-144.

Enormous Atoms* — Prof Daniel Kleppner, physics. Undergraduate Physics Colloquium, 4:15pm, Rm 4-339. Social hour follows.

Thursday, March 15

Tactical Precision Guided Munitions (PGM) in Perspective* — Wolfgang Samuel, Lt. Colonel, USAF, and CIS Air Force Research Associate. Center for International Studies, Seminar, Noon-2pm, Rm E38-762.

Einstein at 100: Some Sidelights on His Life and Work* — Prof A.P. French, Physics Colloquium, 4pm, Rm 26-100. Tea served at 3:30pm, Rm 26-110.

Queueing Models for Spares Provisioning* — Dr. Donald Gross, Operations Research, The George Washington University, Washington, DC. Operations Research Center Seminar, 4pm, Rm 24-121. Coffee and cookies served after seminar.

Contemporary Choices for Rural Development: The Energy Link* — Philip Palmedo, Brookhaven National Laboratory. Sponsored by the Faculty Steering Committee, 4:30-6:30pm, Rm 4-270.

Music and Related Fields* — Prof Irving Lowens, Peabody Conservatory of Music, speaks on music and American Journalism, 4:30pm, Rm 66-110. Free.

Friday, March 16

Studying Collisions with Assistance from the Doppler Effect and Maxwell's Demon* — Prof David E. Pritchard, Modern Optics and Spectroscopy Seminar, 11am, Rm 9-150. Coffee and tea at 10:30am.

Numinous Namibia* — Anthony Lewis, *New York Times*, African Luncheon Seminar, Chaired by Prof Rotberg, 1-2pm, Rm E53-482, 30 Wadsworth Street. Everyone welcome, off-the-record.

Chemical Engineering Seminars* — Terry King, Quantitative Determination of Alloy Catalyst Surface Properties, 2pm. Prof Preetinder Virk, chemical engineering, Pericyclic Pathways in Coal Liquefaction, 3pm, Rm 66-110.

Ocean Engineering at Lockheed Missile and Space Company** — Herbert Schreiber, engineer at Lockheed. Ocean Engineering Seminar, 4-5pm, Rm 5-314. Beer, soda, refreshments served.

Community Meetings

Wives' Group** — Richard D. Tabors, energy laboratory, will discuss "Is There an Energy Future or Just a Past-Planning for Energy Needs in the Developed and Developing Nations." Wed, Mar 7, 3-5pm, Mezzanine Lounge, Student Center. Babysitting provided.

Society of Women Engineers Interest Group Meeting* — Sally Osborn, Boston SWE President will speak. Wed, Mar 7, 5pm, Rm 1-236. Refreshments served.

Technology Wives Organization Planning Meeting*** — Wed, Mar 7, 7:30pm, Rm 10-340. All members are invited to this planning meeting, come to express your ideas or to listen. Refreshments served. Info: Rachel Kent, 494-0137.

Physics Department Open House** — Freshmen & Sophomores interested in learning more about the opportunities in physics for a major and/or career. Tues, Mar 13, 3-5pm, Rm 4-339. Refreshments served.

Wives' Group — Wed, Mar 14, Emily Huang, member of the Wives' Group, will demonstrate how to make artificial flowers, 3-5pm, Mezzanine Lounge, Student Center. Babysitting provided.

Technology Wives Organization International Cooking Group** — This month's TWO cook, Lale will demonstrate Turkish cuisine. Wed, Mar 14, 8pm, Rm 10-340. Admission: 50¢ members, \$1 non-members. Information: Debbie Kreischer 494-8296.

Technology Wives Organization Bake Sale* — Homemade cookies, brownies and cakes for sale. Thurs, Mar 15, 9am-sellout, Lobby 10. Information: Shelley Dynys 648-0360.

Technology Wives Organization Weekly Exercise Class** — An hour of serious exercise led by professional Wambui Dumps. Every Monday through May 14, 8pm, Exercise Room, 2nd fl, DuPont Gymnasium. Information: Call Wambui Dumps 427-5008.

Wellesley

Seven Artists at Wellesley* — Paintings and drawings by Arlene Grossman, paintings and drawings by Bunny Harvey, photographs by John Messina, paintings and drawings by James Wilson Rayen, lithographs, monotypes and paintings by Heidi Vaughan Siebel, sculpture by Williams Travis and paintings by Flagg Waltermire. On view through Apr 1, Mon-Fri, 8:30am-Noon & 1-5pm; Sun, 2-5pm, Jewett Arts Center, Wellesley College Museum, Wellesley, Mass.

Skyscraperism* — Exhibit sponsored by The Grace Slack McNeil Program in American Art at Wellesley College and organized by students in Art 320. Exhibit on view through March 15 Fri, 8:30am-5pm; Sat, 8:30am-Noon & 1-5pm; Sun 2-5pm, Gallery talks Sun, 3pm. Wellesley College Art Museum, Wellesley College. Free. For information and group schedule call 235-0320, x314.

Social Events

German Nite Buffet*** — Thurs, Mar 8, \$7.25 including tax. RSVP x3-4896.

The All-MIT Talent Show* — Sponsored by the Classes of '79 '80 and '81. Come support your representative class acts! Fri, Mar 9, 8pm, Sala de Puerto Rico, Student Center. All finalists will receive champagne, institute celebrities will judge and award grand prizes. Free. Refreshments served. Call Vicki x5-8671 Dorm.

Strat's Rat* — Sponsored by the SCC. Drinking and dancing, beer wine and soda for 35¢, live DJ, music. Fri, Mar 9, 8:30pm-1pm, Lobbell, Student Center. College ID required.

The Mezz** — Sponsored by SCC. Coffee House performers in a relaxed atmosphere, refreshments available. Sat, Mar 10, 9pm-Midnight, Mezzanine Lounge, Student Center. Free.

Cha-Cha Workshop* — Sponsored by the Ballroom Dance Club. Learn to Cha-Cha, beginners welcome, no partner necessary. Sun, Mar 11, 2-4pm. Sala de Puerto Rico, Student Center. Admission: 75¢. Information: T. Weston x5-8514 Dorm or K. Gamble x5-7336 Dorm.

Faculty Club*** — Open Monday through Friday: Luncheon served Noon-2pm; Dinner served 5:30-8pm. Happy Hour: Monday through Friday, 4:30-6:30pm, wide variety of drinks \$1.05.

Movies

Quai des Brumes** — Sponsored by the Department of Humanities. French w/English subtitles. Wed, Mar 7, 7pm, Rm 66-110. Free. Call for confirmation Dora x3-4441.

Quai des Brumes** — French w/English subtitles. Sponsored by the Humanities Department. Thurs, Mar 8, 2pm, Rm 26-168. Free. Call for confirmation Dora x3-4441.

The Virginian** — Sponsored by the Department of Humanities. Thurs, Mar 8, 7pm, Rm 66-110. Free. Call for confirmation Dora x3-4441.

The Turning Point** — LSC movie. Fri, Mar 9, 7 & 10pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

The Philadelphia Story** — LSC Classic Series. Fri, Mar 9, 7:30pm, Rm 10-250. Admission: 75¢ w/MIT or Wellesley ID.

Patton** — LSC movie. Sat, Mar 10, 6:30 & 10pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

The Way We Were** — SCC Midnite Movie. Sat, Mar 10, Midnight, Sala de Puerto Rico, Student Center. Bring your blanket and sit on the floor.

The Underground Radio Station* — Sponsored by the FLCC. Sun, Mar 11, 2pm, Rm 9-150. Donation \$1.

Zardoz** — LSC movie. Sun, Mar 11, 6:30 & 9pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

A Midsummer Night's Dream** — Sponsored by the Department of Humanities. Tues, Mar 13, 6:30pm, Rm 4-270. Free. Call for confirmation Dora x3-4441.

La Regle du Jeu** — French w/English subtitles. Sponsored by the Department of Humanities. Wed, Feb 14, 7pm, Rm 66-110. Free. For confirmation call Dora x3-4441.

La Regle du Jeu** — French w/English subtitles. Sponsored by the Department of Humanities. Thurs, Mar 15, 2pm, Rm 26-168. Free. For confirmation call Dora x3-4441.

The Searchers** — Sponsored by the Department of Humanities. Thurs, Mar 15, 7pm, Rm 66-110. Free. For confirmation call Dora x3-4441.

The Tall Blond Man with One Black Shoe** — LSC movie. Fri, Mar 16, 7 & 9:30pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

The Magnificent Ambersons** — LSC Classic Series. Fri, Mar 16, 7:30pm, Rm 10-250. Admission: 75¢ w/MIT or Wellesley ID.

On Her Majesty's Secret Service** — LSC movie. Sat, Mar 17, 7 & 10pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

The Assassination Bureau** — LSC movie. Sun, Mar 18, 6:30 & 9pm, Rm 10-250. Admission: 75¢ w/MIT or Wellesley ID.

Music

Noon Hour Chapel Concert* — Robert Strizich, Catherine Strizich, Frank Leilutes. Thurs, Mar 8. Free.

Jazz Band Concert* — Herb Pomeroy and Everett Longstreth, conductors, program to be announced. Fri, Mar 9, 8:30pm, Kresge Auditorium. Tickets \$1 at the door.

Noon Hour Chapel Concert* — The Fayrfax Concert of Viols. Kathleen Pitman, Louise Egbert Treitman, Margáret Bossi, Adrienne Hartzell. Thurs, Mar 15. Free.

Chamber Opera* — Andor Kovach, visiting professor and composer from Switzerland, will present his chamber opera, **The Rendez-vous**. Mar 16, 17, 8pm and Mar 18 at 2pm, Little Theater, Kresge Auditorium. Free.

Symphony Orchestra* — David Epstein, director. Program will include Brahms Third Symphony, Brant's Spatial Concerto, Hilde Somer, piano. Sat, Mar 17, 8:30pm, Kresge Auditorium. Tickets \$1 at the door.

Exhibits

Anthony Dubovsky* — Sponsored by the Committee on the Visual Arts. Photographic essay, and lecture given by artist. On view daily through March 7, 10am-4pm, Wed evening 6-9pm, Hayden Corridor Gallery, 160 Memorial Drive, Camb, Ma.

Ger Dekkers: New Dutch Landscape* — Sponsored by the Committee on the Visual Arts. On view daily through March 7, 10am-4pm; Wed evenings 6-9pm, Hayden Gallery, 160 Memorial Drive, Camb, Ma.

Voice and Vision* — Representing the work of Harvey Stein (Parallels: A Look At Twins), Duane Michals (Homage to Cavafy), James Van Der Zee (The Harlem Book of the Dead), and Jim Goldberg (The San Francisco Hotel Series). On view through Apr 4, Mon-Fri, 9am-10pm; Sat 10am-6pm; Sun, Noon-8pm. Creative Photography Gallery, 120 Mass Ave, Camb, Ma.

Stethoscope Laser Inscription: Poems and Projects 1975-'78* — Presented by Mark Mendel, fellow, Center for Advanced Visual Studies. On view Mar 7 through Mar 30, Mon-Fri, 9am-5pm; public opening Mar 9, 7-10pm, Center for Advanced Visual Studies, 40 Mass Ave, Camb, Ma.

Books 2000: Publishing AT MIT Press* — An Exhibit on the MIT Press, one of the largest and youngest of America's university presses, and one of the few existing at a major technological institution. Sponsored by the Compton Gallery Committee. On view Mon-Fri, 9:30-5pm, through March, Margaret Hutchinson Compton Gallery, Rm 10-150, Camb, Ma.

Strobe Alley* — High speed photographs by Harold E. Edgerton, Institute Professor and Professor of Electrical Measurement, Emeritus. Bldg 4, 4th floor.

MIT Historical Collections* — Katharine Dexter McCormick, '04; Vannevar Bush, '16; Bldg 4 corridor. **The New Technology Exhibit**, 2nd floor balcony of Lobby 7. **Energy Exhibit**, Bldg E40, 1st floor. **Solar Energy**, Bldg 8, main corridor. **Harvard-MIT Rehabilitation Engineering Center**, main corridor, Bldg 4. **Rogers Building Exhibit**, Bldg 4. **Meteorology**, main corridor, Bldg 8. **Norbert Wiener**, and **Karl Taylor Compton**, Bldg 4. **Laboratory for Physical Chemistry**, Bldg 6.

MIT Historical Collections* — In-house exhibits include antique globes; the Ellsworth A. Wente Collection of motors and meters; rare instruments including compasses, sundials and other measuring devices from the 17th and 18th centuries; Early Alumni and several exhibits of memorabilia and photographs honoring prominent graduates of the Institute; Charles Stark Draper: Many Facets of the Man; The Compton Years, a photographic essay of the lives of Dr. & Mrs. Karl Taylor Compton On view daily, 9am-5pm, 265 Mass Ave, 2nd floor, Camb, Mass.

MIT Science Fiction Society* — Come and visit the world's largest lending science fiction library. Hours posted on door, Rm W20-421.

New Records* — Music Library, Rm 14E-109. Exhibit of record jackets of recent Library purchases.

The Outdoor Collection* — There are many fine pieces of contemporary sculpture displayed on the MIT campus, including works by Alexander Calder, Louise Nevelson, Pablo Picasso, Henry Moore, Tony Smith and Jacques Lipschitz. For information and guides to the campus, call the Information Office, x3-4795.

Hart Nautical Museum* — Permanent exhibit of rigged merchant and naval ship models, half models of yachts and engine models. Open daily in Bldg 5, 1st floor.

Home Schedule* — Sat, Mar 10: Rifle, New England College Rifle League Finals, 9am. Sun, Mar 11: Rifle, Collegiate Sectionals, 9am.

Dance

Dance Workshop* — Modern dance classes, Mon & Wed Technique classes, Thurs Composition-Improvisation class, 3-5pm, T-Club Lounge, duPont Gymnasium.

Freshmen are encouraged to attend departmental lectures and seminars. Even when these are highly technical they provide students one means to learn more about professional work in a department and field.

***Open to the public**
****Open to the MIT community only**
*****Open to members only**
Send notices for March 14 through March 25 to Calendar Editor, Rm 5-113, x3-3270, before Noon, Friday, March 9.

Athletics

Dance

Dance

Dance

Dance

Dance

Dance

Dance

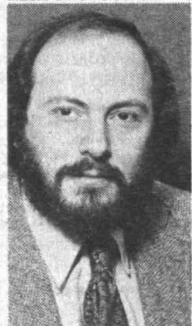
Dance

Dance

Technology Review Names Marcus as Managing Editor

A scientist-engineer turned writer is the new managing editor of Technology Review, MIT's national journal of science and technology.

Dr. Steven J. Marcus comes to the Review from Energy Resources Company, Inc. (ERCO) of Cambridge, where he has been director of the Residuals Management Group in the Environmental Analysis Division.



Dr. Marcus

But for the past six years he has been an active freelance writer. His articles, largely on environmental and energy subjects, have appeared in The Boston Globe, The Denver Post, the Christian Science Monitor, the Boston Phoenix, The Real Paper (Boston), Environmental Action, in publications served by the United Feature Syndicate, and in the Review (February, 1979 issue).

In addition, he also has completed the first draft of a book on pollution and the prospects for a non-polluting society.

Dr. Marcus, who is 36, received a BE degree in electrical engineering from City College of New York in 1965, the AM in engineering from Harvard University in 1968, and the PhD in engineering from Harvard in 1971.

It was while he was doing post-doctoral work at Harvard in the Environmental Systems Program, he said, that he began to feel strongly motivated to reach out to a wider audience.

"I found my colleagues looking at issues too narrowly," he recalls. "They were specialists looking at the world through their specialty. I had a strong urge to demystify, to illuminate technical issues, in order to make them lively and relevant."

Dr. Marcus turned first toward his book, and while working on that began writing articles for newspapers. Typical of them were: "How to Keep America Beautiful: An Open Letter to Mr. Carter (Boston Globe); "Wind Power"

(The Real Paper); "The Energy Crisis: Where Did We Go Wrong?" (United Feature Syndicate); "Denver's Future: Smog and Sprawl" (Environmental Action), and "Beware of Experts with Parochial Interests" (The Denver Post).

Dr. Marcus said he found the short articles a more satisfying means of expression, even, than the book. "The book is more of a scholarly approach toward environmental and other issues, and I realized it would not reach as large and general an audience as did the articles."

As he looks back on his metamorphosis, Dr. Marcus said he found himself interested not only in solving problems as he was trained to do but also in "getting them into the economic and political spheres, to make them more meaningful to people."

The decisions on the major issues of the day should be made with the full knowledge and participation of the people, he insists.

Dr. Marcus continued working in his professional field even as he turned more and more to writing.

In 1976 and 1977 he was a senior scientist in ERCO's Environmental Analysis Division. Before that he had been an environmental consultant for several organizations and firms including the Environmental Defense Fund, the Natural Resources Defense Council, Urban Systems Research & Engineering, Inc., and Energy & Environmental Analysis, Inc.

In 1972-73, as a Fulbright Lecturer at the Institut d'Urbanisme of the University of Paris, he taught two courses on environmental problems. He was a Research Fellow in the Environmental Systems Program at Harvard in 1971-72, and a teaching fellow at Harvard in 1970-71. He was a systems engineer for the MITRE Corporation in Bedford, in 1965-67.

Dr. Marcus resides in Belmont with his wife, Kit Crowe.

He succeeds Sara Jane Neustadt, who left the Review this fall after six years to join a group at WGBH-TV, Boston, which produces the Nova science programs for public broadcasting stations.



Mrs. Burchard with MIT President Jerome B. Wiesner at the unveiling of the plaque.

Plaque Recalls Burchard Contributions

A plaque honoring the contributions of the late John E. Burchard, first dean of the School of Humanities and Social Science, was dedicated at a ceremony following the regular quarterly meeting of the Corporation of MIT Friday, March 2.

Howard W. Johnson, chairman of the MIT Corporation who presided at the ceremony, called Dean Burchard "one of the great builders of MIT" whose work contributed much to the present style and character of the Institute.

Main speakers at the dedication were Dr. James R. Killian, Jr., former president of MIT and now honorary chairman of the Corporation, and Dr. Robert L. Bishop, professor of economics who succeeded Mr. Burchard as Dean.

Dr. Killian cited Dean Burchard for his efforts in bridging the cultures of science and the humanities. Professor Bishop noted that Dean Burchard had caused "nothing less than a revolution in the humanities, arts and social sciences at MIT."

Among those attending the ceremony were Mrs. Burchard and members of her family together with many of Dean Burchard's friends and

former colleagues who returned to MIT for the event. The plaque, located in the walkway connecting Hayden Library with the main buildings, was unveiled following the dedicatory remarks.

Dean Burchard received the SB and SM degrees in architecture from MIT in 1923 and 1925 respectively. After teaching at MIT for several years, he joined Bemis Industries, Inc., of Boston where he rose to become director of research, vice president and a member of the board of directors.

During World War II he worked in a series of civilian research administration posts in Washington, D.C., services for which he received the Medal for Merit, the highest civilian award, from President Truman in 1948.

Dean Burchard returned to MIT in 1946 as director of libraries and played a major role in planning for the construction of the Charles Hayden Memorial Library which houses MIT's science and humanities collections. Included in plans for the library was space for Hayden Gallery which has become a leading university center for traveling exhibitions. Dean

Burchard raised the first funding to support the art exhibits.

When the School of Humanities and Social Science was founded (as the School of Humanities and Social Studies) in 1950, Dean Burchard was named to head it, and he served in that capacity until his retirement in 1964. Under his administration the school grew in size, influence and reputation.

Also under his aegis the Center for International Studies was established and strong graduate programs were developed in economics, political science, philosophy, psychology and linguistics. Course XXI also was developed, permitting undergraduate students to combine a major in science or engineering with one in humanities.

Dean Burchard was the author or editor of many papers and books in a variety of fields and, as Dr. Killian said in tribute at the dedication, "was once called 'a consultant to everyone about everything.'"

CLASSIFIED ADS X3-3270

Ads are limited to one per person per issue and may not be repeated in successive issues. All ads must be accompanied by full name and Institute extension. Persons who have no extensions or who wish to list only home telephones may submit ads by coming in person to the Tech Talk office, Rm 5-113, and presenting Institute identification. Ads may be telephoned to x3-3270 or mailed to Rm 5-113. **Dead line is noon Friday before publication.**

For Sale, Etc.

Frequency Counter HP 524B \$18; rugs, red indr/out, 12x12', \$40; blue shag 6x25', \$20; skis, \$4; 8' twin fluorescent fixture, \$5; church pew, \$20. Call 547-1834.

TV B&W 19" w/ear phone, gd cond, \$20. Call Anthony x3-7942 or 876-7260 eves.

2 canoes used 15' White Water Gummmon \$145 ea or best. Call Outing Club x3-2988 Mon & Thurs 5-6pm.

2 prs spkrs, 2-way, 10" Woofers, Dynaco \$100, KLH, \$110; Humanic ski boots W sz 9, \$25. Call Jeannine x3-2163.

Molding head & blade fits circular or arm saw; doweling jig, both lk nw; electric organ 2/3 off reg prc. Call Chuck x8-3705 Draper.

Boots, Vibram soled Maine hunting shoe, exc cond, great for wet weather, M sz 5N, W sz 7, \$45. Call Judi x3-2627 days or 232-7582 eves.

Garrard 630s changer w/better cartridge than org, used only 4 mo. \$60. Call Eddie 876-4793 eves.

Elect stove, 36" W, \$25. Call Stephen x7540 Lincl.

Dahlquist DQ-10's, gd cond, but crossovers nd work, \$475/pr or best. Call Peter (1) 772-6879 or x8-1341 Draper.

Day bed w/bolsters; rattan furn, 4 stack stools, chr w/ornament; 2 end tables, \$120; glass top wood coffee tble w/draw, \$25; dressing tble & chr \$25; hard wood chest, \$150. Call Byron 655-3216.

DEC serial line printer, mod LS11/LS01, parallel interface to all UNIBUS PDP11's, more durable than LA180; great shape, guarantee to work at your site; DEC maintenance avail & more. Call 494-8888 & make offer.

W clogs, sz 9, br, Olaf Daughters, nvr worn, too big, \$10. Call Holly x3-7789.

VW parts, clutch & disk, re-cond cylinder heads w/nv valves, metal shvls & many more at bargain prcs; bick bean bag chr; wood end tble; parsons tbles; glss dishes, all gd cond, mny more hsehold items. Call before Mar 11, 566-5873.

BIC Venturi, Formula II spkrs, \$150 pr. Call Mary x5-8696 Dorm.

IBM Select typewriter terminal built-in acoustic Paupler 8080 driver coding, \$750. Call x3-5383 or 862-7334.

Zig-Zag sew mach, ask \$250 or best; 2 record players GE \$30 & \$45; French Prov twin bed, 2 box sprng, 1 w/matt. Call Dorothy x8-3591 Draper.

Olympus zoom 35-70mm, nw + 2 yr warr, \$310; Voigt-lander camera, light, dist meters, \$100. Call Victor 494-0067 eves.

Fairly nw Belguim oriental 100'; wool rug, 8'3"x-11'8", color in br, yellow & red family, Jordans prc \$600; my prc, \$350. Call x3-5658 Thems.

Phase Linear 4000 Preamp w/autocorrelator, exc cond, \$300 or best. Call Tom 864-7087.

Brnd nw 100' Burber mohair wool area rug, 9x12, reversabl, rust, br & beige, \$150 or best. Call x3-4528.

Nw pr Footjoy golf shoes, sz 7EEE, \$10, reg \$35, w/ sell best. Call Pat x8-1425 Draper.

Semester worth of class of your choice, Joy of Movement, worth \$45, w/ sell for \$40, gd for a yr. Call x3-7293 or 787-0145 aft 8pm.

Small curved couch, suitbl for bay window, \$20; nrlly nw raincoat, XL \$8; oriental style rug, \$5; aluminum canteen. Call x5-9794 Dorm.

Nakamichi 600 csstt deck, yr old, incl head demagnetizer & cleaning kit, \$400 or best. Call Jay x5-9690 Dorm.

9x12 multi colored gr shag rug w/pad, exc cond, 4 mos old, ask \$70. Call x8-4470 Draper 11am-5pm.

TELEquipment D51 oscilloscope-Dual Trace 3 yrs old Calibrated for Medical use-must sell-best offer. Call x3-6792.

Soundscope FM Radio Converter, nw nvr used, \$15 Call J. May x8-2843.

Scott 387 B, recvr, 55W per chan, \$175; Yamaha composite tennis racket, 1 season used, \$35; Spaulding Smasher, nw grip, \$15; Soligor 135 mm lens, Minolta, used twice, \$45. Call Dick x5548 Lincl.

9x12 beige rug, \$50. Call Linda x3-7023.

Xcountry ski boots, szs 37 & 38, \$15 ea. Call Jake x8-1478 Draper.

2 squash raquets & 2 squash balls, \$15; Yamaha classical guitar & case, \$65. Call Mitch x3-6750.

Tires, pr A78-13 Hood Custom 400 bld, under 4K mi, \$30; 1 6.50-13 gd tread, \$10. Call x3-5239.

Ski discount tickets, Wildcat Mt. NH. Call John x8-2001 Draper.

16" Stury boat w/trail, rf & curtains, 85 hp American eng, used 95' on fresh water, always gar, mint cond, \$2900 or best. Call George x8-3531 Draper.

0-1" micrometer, \$25; 0-6" vernier caliper, \$20. Call Jim x3-1755.

Loft, 2 person, L shaped, 5 1/2' H, wood, \$50 or best. Call Jenni or Pat 237-7368.

Sngle bed w/bolsters & cover, vy gd cond, \$40. Call 661-8566 eves.

Vehicles

'69 Convair Monza, 4 spd, eng brk, trans exc r/axle barring shot, bdy rust, 75K, Mich, \$150 takes it. Call Aaron 625-8584 5-9pm wkdays anytime wkends or x3-1923.

'69 Volvo Mod 164, st shft, exc cond, 4 nw tires \$1800 firm. Terri x3-6972.

'69 Volvo, 4 dr sedan, 78K, gd cond, nw shocks, brks, battery eng & exh sys, \$900. Call Mark 729-4652.

'70 Maverick, 2 dr, 6 cyl, auto, \$375. Call Dave x3-4489.

'70 Volvo 164, dr gr w/beige leather inter, nw eng, 20K, rad tires, nw brks, gd cond, \$1950. Call Judy x7423 Lincl.

'71 Vega htchbck, auto, 44K, \$395. Call x3-7235.

'72 Ford Custom, 4 dr, 400CID, V8, auto, PS & PB, A/C, hi mlg, frme rust, best reasonable offer. Call Warren x8-3969 Draper.

'72 Pinto wg, gd cond, auto, 73K, nw battery & steering, nw tune-up, \$350. Call Elliot x3-7764.

'73 Chevelle Malibu, gd run cond, low mlg, AM/FM, rads, \$1495. Call Rick 894-3917 aft 5pm.

'73 Fiat 850 Sport Spyder convertbl, gd work order, nw electrical sys, 33mpg, gd inter, rads, handles well, best offer. Call x5-8217 or 494-8196.

'73 Pontiac Catalina, 4 dr, yellow, 1 owner car, exc cond, A/C, mny extra, reg gas, \$1300. Call 696-9344.

'73 Volvo, 145, AM/FM, impeccable Volvo maintained, \$2500 or best. Call Susan x7406 Lincl or 731-8877 eves.

'74 Dodge Coronet, PS & PB, AM/FM, A/C, \$1595 Call Ed Simard x8-2866 Draper or 776-7726.

'74 VW Bug, 25K, rblt eng, exc cond, best. Call Roy x8-3454 Draper.

'75 Toyota Corolla, navy, auto, exc run cond, \$2000. Call 843-1592.

'76 Bobcat, 32K, automatic, PS & PB, sm, economical hi mpg, 2 dr, htchbck, \$2350 or best. Call 321-6997 or 321-1172.

'78 Mercury Monarch, 4 dr, stl bld rad, A/C, cruise control, tinted glass, lk nw cond. Call Bob x3-7245.

Housing

Brighton, avail May 1st, spac 1 BR apt, exc bldg, conv to Comm Ave trolley. Call Anne x3-1427.

Dorchester, 7 1/2 rm hse, frpl, exc cond, 2 car pag, stone block, fenced yard, conv trans. Call Jane x3-7483 or 436-4271.

Lex furn hse, avail Sept 1, 79 to June 30 or Aug 31, 80, 1 acre, 4 BR, dble LR, DR, playrm, 2 offices, 1 1/2 B, \$650/mo + ht & util. Call L. Lamonam. x3-4877 or 861-8532.

Medford, 5 1/2 rm 1st fl, conv to trans, nr Tufts, immed occupancy, \$252/mo + ht, sec deposit, no children, or pets. Call 628-2129.

Melrose, sublet, avail mid Apr, sunny, 1 BR, ht, gar, nr T, conveniences, \$255/mo. Call x3-7809.

Ski chalet rental, No Conway, NH, 3 BR, 1 1/2 B, ww, frpl, \$20-40 nite, mid wk only. Call Dick x7124 Lincl.

Wanted

Summer cottage for family of 6 on lake in NH, wk of July 30, not too rustic. Call Jill x8-2602 Draper.

MIT research proj offers several afternoons of free childcare in exch for talking to children 5-10 yrs. about TV prog, toys & games, children's literature. Call x3-4068.

1 BR apt needed, nr MIT, Camb or Brkline area, max \$250/mo. Call S. Muller x3-6295.

2 or 3 family hse w/sep util, gd cond, principals only. Call 665-6236 eves.

Rent or sublet, apt nd, 2 BR by Apr 1. Call 738-0408.

Childs car seat & port-a-crib. Call Rick x3-7512.

Mobile camper wanted to rent by MIT Prof & wife, July 23-Aug 6. Call x3-2308.

6,082 supplementary, Kohaei, switching, etc & The TTL Data Book, 2nd edition. Call Bill x5-6639 Dorm.

Vacuum cleaner or carpet sweeper. Call Julie x3-1519.

Used sngl seat, fibreglss Kayak. Call Ed x8-4951 Draper.

Old fashion 30 gal hot water tank, prefer copper or monel. Call Bob Sherwood x8-3328 Draper.

Roommates

Arl, rmmate wntd to shr 3 BR, sngl family hse w/2 others, \$110/mo + util, own BR, park, nr 77 bus to T, avail now. Call x3-7014 Days or 646-4934 eves.

Rmmate wntd to shr 2 BR Back Bay apt, w/M grad student, \$160/mo incl ht, 10 min walk from MIT, avail now. Contact Todd x3-6835 or 267-4563.

Brkline, F25+ to shr, 3BR apt, w/2 F, quiet, nr T, stores, no smoke, no pets, \$125/incl ht + util, avail Apr 1. Call Debbie x3-7094 or 232-5272 eves.

Camb F rmmate wntd, 21 yrs or older, non-smoke, own rm in lg mod 2 BR apt, A/C, furn, mid June-mid Aug, Camb St, nr Harv Sq, \$200/mo. Call Debbie x3-4625.

Furn hse to shr in beautiful setting, 40 min to Bos by train. Call Sandra x3-8254.

Carpools

Ride nd to & from MIT to Winthrop Highlands, hrs 9-5pm. Call x3-8276.

Miscellaneous

Exp sec w/ do theses, MS, reports, fast & accurate, IBM Self Correct. Call x3-4528.

W/ type theses, MS, tech, fast & accurate, IBM Correct Select. Call Debbie x3-1848.

Experienced typist; reasonable rates, Call 876-3728 pm & wkends, or x3-5055 M-W-F, Noon-4pm.

Typing and/or editing of papers, reports, thesis on IBM. Call 862-6680.

Typing on my multi-headed Select, Wellesley area only. Call 235-0689 eves.

W/ type, anythng, tech, etc, IBM Correct Select, reas rates, Virginia 926-8894.

Tech typing, reasonable rates, w/ do thesis. Call Judith x3-2686 11-3pm.

Surplus Property

The following MIT Surplus Property is available for transfer through the Office of Facilities Management Systems. Please contact Pamela Lageson, Ext. 3-2776 citing property case number:

TV camera, 6 yrs old, Mfg. Unimetrics Inc., Model XLI. Less lens, case number 133A.

GE portable TV, Model M150 SWH-1, case number 133B.

POSITIONS AVAILABLE

This list includes all non-academic jobs currently available on the MIT campus. Duplicate lists are posted on the Women's Kiosk in Building 7, outside the offices of the Special Assistant for Women and Work (10-215) and Minority Affairs (10-211), and in the Personnel Office, (E19-239).

Information on openings at Lincoln Laboratory (Lexington, MA.) is available in the Personnel Office.

Employees at the Institute should continue to contact their Personnel Officers to apply for positions for which they feel they qualify.

Dick Higham 3-4278
Pat Williams 3-1594
Carolyn Scheer 3-1595
(Secretary — Tertia Perkins)

Virginia Bishop 3-1591
Richard Cerrato 3-4266
Ken Hewitt 3-4267
(Secretary — Paulette Chiles)

Sally Hansen 3-4275
Laurence Milan 3-2928
Kathleen Rick 3-4269
(Secretary — Jenni Leibman)

Admin. Staff, Alumni Regional Director for Southeast Region to have responsibility for all Alumni Association activities in this area (Alumni Fund, Club activities, Alumni Relations Programs). Position includes interaction with MIT alumni, faculty and administration as well as considerable travel. MIT degree or extensive knowledge of the Institute is required. A79-13 (3/7)

Academic Staff, Administrative Officer/Operations Administrator, in the Chemistry Dept, to manage departmental facilities (laboratories and shops); maintain space inventory and assign space; oversee all physical facilities maintenance and ensure proper operating condition; act as liaison between Dept. and administrative units; arrange class schedules and student teaching assignments; prepare statistical and other reports; arrange Visiting Committee meetings, special lectures; perform other administrative functions as necessary. Bachelor's degree, or equivalent, and 5 years of applicable experience required. Knowledge of MIT helpful. C79-3 (3/7)

Admin. Staff, Asst. Director, in the Office of the Provost/Office of Minority Education to assist disadvantaged students at freshman and sophomore levels to engage the academic programs at MIT; advise, counsel and organize academic support services; act as liaison with other MIT offices and faculty. Bachelor's degree and experience in planning, managing and evaluating academic support services for disadvantaged students required. Proven ability and a continuing interest to work with minority students also required. Some facility with the use of computers (digital) desired. A79-14 (3/7)

Academic Staff, Administrative Officer, in Earth and Planetary Sciences to manage, on behalf of Department Head, all financial business and other administrative matters of the Department; coordinate student and personnel related matters. Will develop and administer research budgets; assist in resolving operational problems of the department; allocate space, parking; oversee physical maintenance of space and equipment; act as liaison with Institute departments and outside organizations. A Bachelor's degree, or equivalent, facility with figures, demonstrated management skills required. Institute experience is preferred. C79-2 (2/28)

Academic Staff, Administrative Officer, in the Nuclear Engineering Dept. to manage financial, personnel, business, student related and other administrative matters of the Department; evaluate financial reports for accuracy and coordinate necessary changes; prepare and monitor research budgets; identify and resolve operational problems; oversee accounting processes; act as liaison between Department and all levels of Institute staff and outside agencies; interview, hire and evaluate biweekly and exempt staff; perform all Department members in administrative matters; schedule, assign and monitor support staff; perform and/or manage special projects; supervise maintenance of supplies and equipment. Bachelor's degree, or equivalent, and administrative experience required, MIT experience helpful. C79-1 (2/28)

Sponsored Research Staff, in the Laboratory for Nuclear Science to do postdoctoral research involving ongoing experiments on interaction of protons with nuclei; assist in development of Bates Linear Accelerator facilities in magnetic spectrometers, particle detection systems and electronic instrumentation; plan, develop and perform other experiments in medium energy nuclear physics. Ph.D. in experimental nuclear or high energy physics required. R79-43 (2/14)

Sponsored Research Staff, Research Associate, Heterocyclic Chemist to assume leadership of a beta-lactam research group in the Chemistry Dept. Position requires a Ph.D. in Organic Chemistry and at least 1 year's pre or post doctoral experience as a group leader. R79-24 (2/7)

Sponsored Research Staff, Research Scientist/Engineer, in the Energy Laboratory to conduct materials and processing research with particulate and glassy ceramic materials; produce powders from laser driven gas phase reactions; characterize resulting powders; process powders into densified bodies; induce broad-band antireflective coatings or phase-separated silicate glasses. Ph.D. in Ceramics, Materials Science, or equivalent, as well as related experience required. Good interpersonal and writing skills also required. Experience with CO₂ lasers and optics and diagnostic procedures and equipment desired. R79-26 (2/7), R79-55 (2/28)

Sponsored Research Staff, Research Specialist, Software Systems Engineer, at Haystack Observatory, Westford, (MA) to develop, maintain and improve systems supporting real-time control, data processing and data recording portions, of a sophisticated long-range, high-resolution radar system. (The system incorporates both mini-computers and array processors.) Strong math, engineering or physics background required as well as knowledge of assemble language and Fortran.

Bachelors degree plus 2 years' related experience required. R79-58 (3/7)

Sponsored Research Staff, Programmer, temporary, in the Energy Laboratory to work with a research team which is developing an advanced computing system for simulation and design of fossil energy processes. Design and code chemical engineering process models for a large interactive (Fortran) process simulator; debug and test programs; document programs and subsystems; implement programs for formatting reports or calculation results. A Masters degree in science or engineering and at least 1 years' experience in technical computer programming, as well as Fortran and IBM operating systems proficiency required. Temporary for six months. R79-57 (3/7)

Admin. Staff, Applications Programmer, in Information Processing Services to assist in developing and maintaining applications programs for the Medical system (areas include Patient Data Base, Records, Billing, Query and Online scheduling.) At least 1 year of experience with PL 1 and IBM OS JCL required. Familiarity with interactive applications desired. A79-12 (2/28)

Data Collector V, in the Office of Facilities Management to initiate property cards and record preliminary information; tag all newly acquired property; collect all relevant data and complete preparation of property cards; remove government tags from supplies and equipment and replace with TMIT TAGS; determine item classification (equipment or supplies); input data; act as alternative data base manager; supervise part-time employee and students. Associate's degree or equivalent combination of education and experience necessary. Ability to handle large amounts of detailed information also necessary. Property Management experience desired. B79-105 (2/28)

Exempt, Area Food Service Supervisor, in the Food Service Dept. to assure preparation of food and supplies; check food items and report or correct any deficiencies; maintain portion control; assist with special functions and in daily inventories, orders, etc., assist customers with directions, questions and/or complaints; recheck menu board for accuracy; lock and secure kitchen and serving area. Excellent interpersonal skills and some technical knowledge in menu planning and quality control required. A degree, or equivalent, in food field also required. Rotating schedule to include Sat. and Sun. E79-5 (2/28)

Exempt, Registered Nurse in the Clinical Research center to be responsible for general and specialized nursing procedures and medications; take charge duties when necessary. Graduation from an accredited nursing program, Mass. registration and 2 years nursing experience required. Accurate observation and charting, ability to assume responsibility and good interpersonal skills also required. E79-6 (2/28)

Exempt, Training Supervisor, in the Physical Plant's Mechanical Operation Office to develop and execute a maintenance training program for shop personnel in the areas of heating, ventilating and air conditioning; assist in developing training needs; recommend most cost efficient methods of achieving goals; monitor instruction given; may perform some of the instructing. Extensive experience in mechanical maintenance and building operations required, as well as good writing skills. E79-7 (2/28)

Library Asst. IV in the Libraries Cataloguing Dept. to catalogue monographs in all languages, subject fields using Library of Congress record in OCLC data base; implement MIT cataloguing practices and procedures; establish name and series authority records; recatalogue books from Dewey Decimal to LC classification; file or process OCLC card receipt shipments. Good typing skill, accuracy and a capacity for cataloguing detail required. College, library experience and knowledge of foreign language desired. B79-115 (3/7)

Library Asst. III in the Collection Development Dept. to be responsible for acquisition of current governmental, regular and all supranational serials and journals: record and process materials; claim outstanding materials; process invoices, credits and charges; circulate sample issues. Will also transliterate and check in Cyrillic serials and journals; prepare order forms; process and/or record Technical Reports; answer phone inquiries; assist Head of Government Documents Section. High school graduation, or equivalent, required. Basic typing and organizational skills, reading knowledge of Russian, neatness, accuracy and capacity for detail required. B79-114 (3/7)

Sr. Library Asst. IV, part-time, in the Barker Engineering Library to assist Mining and Mineral Resource Librarian: type newsletter, order forms, bibliographies, other user educational tools and correspondence; check publishers' brochures and ads against card catalogue; participate in filling gaps in collection by searching various references. Accurate typing skills, initiative, ability to interact well with others and overall attention to detail required. MIT experience preferred. Continuation of position after 9/30/79 is contingent on renewal of funding. 20 hrs./wk. B79-108 (2/28)

Library Asst. III in the Reserve Book Section, Dewey Library, to process reserve book lists; maintain section records and statistics; prepare overdue notices; maintain order of reserve collection; supervise student assistants and assist in other Library sections which may require some pre-scheduled evening or weekend shifts. Previous library experience is highly desirable. Typing skill is also necessary. B79-99 (2/28)

Library Assistant III, part time, in the Student Center library to process reserve book lists; request reprints; file shelf list; assist at Bookchecking Desk; prepare information to be copied for Micro-reproduction Laboratory; perform miscellaneous clerical tasks as required. Good interpersonal and organizational skills and ability to work with a minimum of supervision required. 20 hrs/wk., Mon-Fri. 1-5. B79-107 (2/28)

Secretary V to the Director and professional staff of the Planning Office to answer correspondence independently and/or from verbal instruction; organize meeting agendas; arrange meetings and luncheons; edit manuscripts; maintain budget records; assist in budget preparation; type correspondence and reports; coordinate work of other secretaries. At least 5 years secretarial experience, or college training and 3 years secretarial experience required. Good secretarial and machine transcription skills and ability to work under pressure also required. Interest in planning and/or architecture helpful. 40 hrs./wk. B79-120 (3/7)

Secretary IV/V in the Urban Studies and Planning Department to type proposals, manuscripts class notes and correspondence; file; xerox; answer phones; order supplies assist in budget preparation for proposals, maintain expenditure records. Position may include assistance with administrative work on a government contract. Excellent secretarial and grammar skills, ability to perform a wide range of duties and to follow through on details required. Experience in typing equations and tables also required. Shorthand strongly preferred. Non-smoking office. B79-87 (2/28)

Secretary IV in the Student Accounts Office to answer phones; schedule appointments and meetings; type correspondence, etc.; open and distribute mail; maintain payroll; handle purchase order requests; file; perform miscellaneous duties. Will also be involved in preparation of the Degree List; handle cash receipts from students. Accurate typing and filing skills, organizational ability and ability to work well with a variety of people required. Bookkeeping and/or accounting skills helpful. B79-111 (3/7)

Secretary IV, part-time, in the Civil Engineering Dept. to type correspondence, reports and class notes; maintain files; answer phones; arrange travel; schedule meetings; monitor accounts. Good communications and organizational skills re-

quired. Technical typing skill or willingness and ability to learn also required. 30 hrs./wk. B79-118 (3/7)

Secretary IV, in the Alumni Association to perform general secretarial duties: type correspondence; arrange travel; prepare mailings; schedule meetings; maintain files and class bills; provide support to administrative asst. Will be trained on word processor and in research gathering techniques. Good interpersonal skills, excellent typing skill and command of English required. Some overtime also required. Secretarial school training preferred. B79-91 (2/28)

Secretary IV to 3 Personnel Officers, Office of Personnel Services to type letters, reports, meeting minutes; occasionally compose letters and memos; prepare various personnel forms; schedule interviews; coordinate meetings and appointments; answerand screen telephone calls; answer general policy questions for employees and applicants; xerox; file; maintain current records of available positions; coordinate new employee review procedures; occasionally assist with Office reception functions; check references. Good, accurate typing and excellent interpersonal skills required, as well as ability to work under pressure. MIT experience desired and knowledge of personnel and payroll systems helpful. B79-96 (2/28)

Secretary IV, part-time, in the Undergraduate Office of the Chemistry Dept. to prepare course materials, exams, class lists, etc., record grades, schedule exams. Accurate typing and record keeping skills and ability to work well with others required. 1-2 years secretarial experience preferred. 20 hrs./wk., schedule flexible. B79-93 (2/28)

Secretary IV to the Director of the Information Center to arrange meetings; type correspondence; file; assist in providing information about MIT activities, facilities and programs. Good typing skill required. Secretarial experience and/or secretarial school also required. Knowledge of MIT helpful. Non-smoking office. B79-94 (2/28)

Secretary IV, part-time, in the Nutrition and Food Science Dept. to type manuscripts and correspondence; xerox; maintain print files; perform other clerical duties as necessary. Good typing skills required. Secretarial experience also required. 17.5hrs./wk. B79-98 (2/28)

Secretary III/IV to 2 research groups in the Center for Cancer Reseach to type letters, grants and manuscripts, file; answer phones; order supplies; maintain records of research grants, purchase orders, requisitions. Good typing skill, initiative and ability to take responsibility required. Familiarity with scientific terminology and with MIT procedures helpful. B79-113 (3/7)

Secretary/Receptionist III/IV in the Admissions Dept. to answer phones; schedule appointments; perform secretarial duties for Asst. Director and other staff members; maintain calendar; handle mail; arrange travel. Excellent typing, organizational, interpersonal and dictaphone skills required. Secretarial experience preferred. B79-109 (2/28)

Secretary III/IV in the Office of Facilities Management Systems to members of the Property Office to type correspondence, reports and forms; perform clerical duties re: collection of moveable equipment; distribute various lists; prepare Tech Talk listings for surplus property; greet visitors; answer phones; organize and maintain filing systems; handle mail; xerox; schedule appointments. Excellent typing, interpersonal and organizational skills required. High school graduation and at least 1 year of secretarial experience also required. Machine transcription skill desired. B79-106 (2/28)

Service Asst. II, part-time, in Earth and Planetary Sciences to make tea, coffee and set up refreshments for departmental social hours; operate dishwasher and maintain order in a small kitchen and lounge. Position includes much contact with various members of Department. 15 hrs./wk. B79-117 (3/7)

Hourly, Technician B (Mechanical), in the Energy Laboratory to construct, modify and maintain gas turbine combustors from verbal instruction and simple sketches. Applicants should be graduates of 2 year (day) technical school, or equivalent. Experience in automotive or air-craft maintenance and in welding, brazing, machine tools, plumbing, hydraulic and pneumatic systems desirable, as are dark room experience, experience in applied optics, engine or automotive construction and FAA aircraft and engine certification. 40 hrs./wk H79-25 (3/7)

Hourly, Stockperson, in the Physical Plant to handle stock items, including loading and unloading trucks; maintain stock records. High school graduation, or equivalent, 1-2 years applicable experience, Mass. driver's licence and clerical ability required. Ability to pass special physical exam and availability to work any shift and irregular schedule also required. H79-6 (3/7)

Hourly, Bus Person, part-time, in the Faculty Club to bus trays of dishes to kitchen; unload trays into dishwasher; assist in arranging tables and chairs for special functions. Experience helpful. Must be at least 18 years of age. 20 hrs./wk, M-F, 12-4pm, possible weekends. H79-24 (2/28)

Hourly, Waiter/Waitress, part-time, in the Faculty Club to take members orders; pick up food and serve to members using banquet trays; clean and reset tables; perform miscellaneous duties relating to dining room service. Ability to speak and to read English required; applicants must be at least 18 years of age. Experience helpful. 5pm-9pm including possible weekend work. H79-26 (2/28)

Hourly Sr. Tech. in the Laboratory for Nuclear Science, Bates Linear Accelerator, Middleton, Ma., to troubleshoot, maintain and modify DC power supplies with a range from one megawatt down to a few watts with current regulation from one part in 1,000 to 1 part in 100,000. Graduation from a 2-year day technical school required, as well as at least 2 years applicable experience. Applicants must be experienced with high power solid state components, feedback circuitry, integrated circuits, and solid state and mechanical relays. Proficiency in use of test equipment (oscilloscopes) also necessary. H78-184 (11/29)

The following position were still available at Tech Talk deadline. The date following each position is the date of the most recent Tech Talk in which the position was described.

ADMINISTRATIVE STAFF:

- A77-3, Admin. Staff, Systems Programmer, Information Processing Services (2/16)
A78-67, Admin. Staff, Director of Systems Planning and Development, Information Processing Services (10/4)
Asst. Director, Consortium on Financing Higher Education (10/18)
A78-85, Admin. Staff, Data Base Administrator, Information Processing Service (1/10)
A78-87, Admin. Staff, Safety Specialist, Safety Office
A79-2, Admin. Staff, Business Manager, Technology Review (2/7)
A79-4, Admin. Staff, Applications Programmer, Admin. Computing Services (2/7)
A79-9, Admin. Staff, Mechanical Engineering (2/14)
A79-10, Admin. Staff, Personnel Officer, Office of Personnel Services (2/28)
A79-11, Admin. Staff, Systems Programmer, Information Processing Services (2/28)

SPONSORED RESEARCH STAFF:

- R77-53, Spons. Res. Staff, Res. Lab of Electronics (4/12)
R77-91, Spons. Res. Staff, Sr. Accelerator Physicist, Lab for Nuclear Science (5/18)
R77-137, Spons. Res. Staff, Experimental Physicist, Bates Linear Accel. (8/31)
R77-161, Spons. Res. Staff, Elec. Engineer, Mechanical Engineering (9/27)
R77-201, Spons. Res. Staff, Prog./Data Analyst, Earth & Planetary Science (10/26)
R77-211, Spons. Res. Staff, Computer Systems Design, Lab for Computer Science (12/7)
R77-212, Spons. Res. Staff, Prog. Language Design, Lab for Computer Science (12/7)
R77-213, Spons. Res. Staff, Computer Software Designer, Lab for Computer Science (12/7)
R77-228, Spons. Res. Staff, Plasma Physicist, Res. Lab of Electronics (1/4)
R78-55, Spons. Res. Staff, Staff Scientist, Arteriosclerosis Center (4/5)
R78-58, Spons. Res. Staff, National Magnet Lab (4/12)
R78-60, Spons. Res. Staff, Combustion Engineer, Energy Lab (4/12)
R78-83, Spons. Res. Staff, Lab for Nuclear Science (4/19)
R78-93, Spons. Res. Staff, Res. Engineer, Civil Engineering (5/10)
R78-102, Spons. Res. Staff, Lab for Nuclear Science (5/31)
R78-103, Spons. Res. Staff, Lab for Nuclear Science (5/31)
R78-104, Spons. Res. Staff, Physicist Temp., Lab for Nuclear Science (6/7)
R78-105, Spons. Res. Staff, Temp., Lab for Nuclear Science (5/31)
R78-113, Spons. Res. Staff, Sloan School of Management (7/12)
R78-117, Spons. Res. Staff, Temp., Economics (7/12)
R78-119, Spons. Res. Staff, Theoretical Plasma Physicist, National Magnet Lab (7/12)
R78-135, Spons. Res. Staff, Research Lab of Electronics (7/26)
R78-136, Spons. Res. Staff, Lab for Computer Science (8/16)
R78-145, Spons. Res. Staff, Electronics Engineer, Lab for Computer Science (8/16)
R78-146, Spons. Res. Staff, Electrical Engineer, Bates Linear Accelerator (8/16)
R78-147, Spons. Res. Staff, Systems Programmer, Lab for Nuclear Science (8/16)
R78-154, Spons. Res. Staff, Program Director, Neurosciences Research Program (8/30)
R78-160, Spons. Res. Staff, Programmer, Center for Space Research (8/30)
R78-161, Spons. Res. Staff, Engr. Asst., Center for Materials Science & Engineering (8/30)
R78-162, Spons. Res. Staff, Systems/Scientific Programmer, National Magnet Lab (8/30)
R78-166, Spons. Res. Staff, Research Analyst, Center for Policy Alternatives (8/30)
R78-168, Spons. Res. Staff, Programmer, Center for Space Research (8/30)
R78-170, Spons. Res. Staff, Programmer, Center for Space Research (8/30)
R78-184, Spons. Res. Staff, Research Engineer, Artificial Intelligence Lab (9/13)
R78-207, Spons. Res. Staff, Applied Magnetism Research, National Magnet Lab (9/27)
R78-208, Spons. Res. Staff, Postdoctoral Research, Nuclear Materials, Nuclear Reactor (9/27)
R78-209, Spons. Res. Staff, Postdoctoral Research, Nuclear Materials, Nuclear Reactor (9/27)
R78-212, Spons. Res. Staff, Physics, Center for Space Research (10/4)
R78-217, Spons. Res. Staff, Research Associate, Civil Engineering (10/18)
R78-228, Spons. Res. Staff, Research Engineer, temporary, Energy Lab (10/18)
R78-238, Spons. Res. Staff, National Magnet Lab (10/25)
R78-246, Spons. Res. Staff, Systems Programmer, Lab for Computer Science (11/1)
R78-250, Spons. Res. Staff, Research Associate Materials Science & Engineering (11/1)

R78-252, Spons. Res. Staff, Tech. Computer Programmer, temporary, Energy Lab (11/1)

R78-253, Spons. Res. Staff, Digital Engineer, Research Lab of Electronics (11/15)

R78-268, Spons. Res. Staff, Tech. Asst., Biology (12/6)

R78-269, Spons. Res. Staff, Technical Asst., Nutrition & Food Science (12/6)

R78-276, Spons. Res. Staff, Electron Microscopist, Center for Materials Science & Engineering (12/13)

R78-277, Spons. Res. Staff, Research Engineer, Center for Materials & Engineering (12/13)

R77-278, Spons. Res. Staff, Research Engineer, Center for Materials Science & Engineering (12/13)

R78-279, Spons. Res. Staff, Research Engineer, Center for Materials Science & Engineering (12/13)

R78-281, Spons. Res. Staff, Tech. Asst., Nutrition & Food Science (12/13)

R78-282, Spons. Res. Staff, Chief Linac Operator, Lab for Nuclear Science (12/13)

R78-283, Spons. Res. Staff, Mechanical Engineer, Lab for Nuclear Science (12/13)

R78-284, R78-285, Spons. Res. Staff, Accelerator Physicist, Lab for Nuclear Science (12/13)

R78-286, Spons. Res. Staff, Systems Programmer, Lab for Computer Science (12/13)

R78-288, R78-289, Spons. Res. Staff, Laboratory for Computer Science (12/13)

R78-296, Spons. Res. Staff, Systems Programmer, Sloan School of Management (1/3)

R78-299, Spons. Res. Staff, Systems Analyst/Programmer, Artificial Intelligence Laboratory (1/3)

R78-305, Spons. Res. Staff, Theoretical Plasma Physicist, Plasma Fusion Center (1/10)

R78-306, 307, 308, Spons. Res. Staff, Laboratory for Information and Decision Systems (1/10)

R78-310, Spons. Res. Staff, Statistician/Econometrician, Center for Computational Research in Economics and Management Science (1/10)

R78-311, 312, Spons. Res. Staff, Lab for Computer Science (1/10)

R78-313, Spons. Res. Staff, Lab for Computer Science (1/10)

R78-315, Spons. Res. Staff, Experimental Plasma Physicist, National Magnet Laboratory (1/10)

R79-3, 4, 5, 6, 7, 8, 9, 10, 11, Spons. Res. Staff, Postdoctoral Research, Center for Theoretical Physics (1/17)

R79-14, Spons. Res. Staff, Superconducting Magnet Research, National Magnet Laboratory (1/24)

R79-17, Spons. Res. Staff, Experimental Physicist, National Magnet Lab (1/24)

R79-19, Spons. Res. Staff, temporary, Center for Transportation Studies (1/24)

R79-21, Spons. Res. Staff, Research Scientist, Energy Lab (1/24)

R79-22, Spons. Res. Staff, Lab for Nuclear Science (2/7)

R79-23, Spons. Res. Staff, part time, Laboratory for Computer Science (2/7)

R79-26, Spons. Res. Staff, Research Scientist/Engineer, Energy Laboratory (2/14)

R79-24, Spons. Res. Staff, Res. Associate, Chemistry (2/14)

R79-27, 28, 29, Spons. Res. Staff, Transportation Systems, Center for Transportation Studies (2/14)

R79-33, Spons. Res. Staff, Laboratory for Computer Science (2/14)

R79-36, Spons. Res. Staff, Technical Asst., temporary, Biology (2/14)

R79-37, Spons. Res. Staff, Editor, Sea Grant Program (2/14)

R79-38, Spons. Res. Staff, Policy Analyst, Energy Laboratory (2/28)

R79-44, Spons. Res. Staff, MHD Combustion Development Research, Energy Laboratory (2/28)

ACADEMIC:

C78-17, Acad. Staff, Research Associate (7/12)

C78-26, Acad. Staff, Librarian, Head, OCLC/LC Cataloging Section, Libraries (9/20)

C78-34, Acad. Staff, Librarian, Libraries (11/29)

C78-38, Acad. Staff, Asst. Rotch Librarian, Rotch Library (1/10)

EXEMPT:

E78-35, Exempt, Tech. Supervisor, Physical Plant/Telecommunications (8/16)

E78-58, Exempt, Technical Asst., Alumni Association (11/1)

E78-61, Exempt, Asst. Accountant, Lab for Nuclear Science (11/8)

E78-68, Exempt, Nurse, Medical Dept. (12/13)

E79-2, Exempt, Foreman, Physical Plant (2/7)

BIWEEKLY:

B78-178, Sec. IV, Provost's Office, Upward Bound Program (10/11)

B78-511, Sec. IV, Sloan School (9/13)

B78-518, Tech. Typist IV/MagCard Operator, Economics (9/13)

B78-523, Tech. Asst. V, Alumni Association (9/13)

B78-573, Editorial Sec. IV, Materials Science & Engineering (9/27)

B78-658, Sec. IV, Lab for Nuclear Science (11/8)

B78-674, Sec. IV, Development Office (11/15)

B78-681, Sec. III/IV, Energy Lab (12/6)

B78-687, Sec. IV, part-time, Economics (11/29)

B78-693, Sec. IV, Center for Policy Alternatives

B78-744, Sec. III/IV, Civil Engineering Headquarters (12/13)

B78-768, Sr. Clerk III, Comptrollers Accounting Office (1/10)

B78-786, Sec. IV, Laboratory for Computer Science (1/10)

B79-8, Sr. Clerk III, part-time, Clinical Research Center (1/24)

B79-9, Edit. Sec. IV, Nutrition and Food Science (1/24)

B79-11, Sec. IV, Physics Dept. (1/24)

B79-12, Sec. IV, Industrial Liaison Office (1/24)

B79-21, Sec. III/IV, Student Financial Aid Office (1/24)

B79-23, Sec. III/IV, Office of Sponsored Programs (1/24)

B79-26, Sec. IV, part-time, Architecture (2/7)

B79-33, Sec. IV, Civil Engineering (Transportation Systems) (2/7)

B79-36, Sr. Library Asst. IV, Libraries (2/14)

B79-38, Sec. IV, Patent Marketing (VP, Research) (2/14)

B79-40, Sec. III/IV, Laboratory for Computer Science (2/14)

B79-41, Sec. IV, Laboratory for Computer Science (2/14)

B79-44, Sec. IV, Center for Transportation Studies (2/14)

B79-45, Sec. IV, part-time, Center for Transportation Studies (2/14)

B79-46, Sec. IV, Material Science and Engineering (2/14)

B79-47, Sec/Recept. III, Nutrition and Food Science (2/14)

B79-48, Sec. IV, Nutrition and Food Science (2/14)

B79-50, Clerk IV, Energy Laboratory (2/14)

B79-57, Sec. IV, Laboratory for Information and Decision Systems (2/14)

B79-58, Sec. III/IV, Electrical Engineering and Computer Science (2/14)

B79-61, Sec. IV, Chemistry (2/14)

B79-67, Admin. Asst. V, National Magnet Laboratory (2/14)

B79-68, Clerk III, Development Office (2/14)

Saelor Party To Benefit Charity

The third annual SAELOR Party to benefit the Muscular Dystrophy Association will be held Saturday, March 10, at duPont Gymnasium, beginning at 8:30pm.

Sponsored by the Sigma Alpha Epsilon fraternity, the party will feature live music by the popular Ellis Hall and Jeanne French Band. Refreshments will be served.

Advance tickets at \$3.50 per person are on sale this week in Lobby 10. Tickets will also be sold at the party at \$3.75 per person.

With 3,000 persons in attendance over the past two years, the SAELOR Party netted over \$5,400 for the Muscular Dystrophy Association.

Anthony F. Ventolieri

Anthony F. Ventolieri, 71, of Wareham, a senior technician at the Lincoln Laboratory from 1956 until his retirement in 1973, died February 25.

Mr. Ventolieri is survived by his wife, Angelina (DePasquale) Ventolieri; three daughters, Pat Ventolieri of Belmont, Mary Ann Roy of Cambridge and Grace Blouin of Somerville; two sons, Anthony F. Jr. of Hull and Michael Ventolieri of Billerica; two brothers, Mario of East Boston and Paul Ventolieri of Sacramento, Calif.; a sister, Sotima Cirone of East Boston; a step-brother, John Denoia of Washington, DC, and a step-sister, Angelina Worloch of Rome, New York, six grandchildren and one great-grandchild.

William P. O'Connor

William P. O'Connor, of Arlington, a stockman at the Physical Plant from 1916 until his retirement in 1967, died February 17. He was 82 years old.

Mr. O'Connor is survived by a brother-in-law, Frank M. Kotchin of Arlington; a nephew, Warren J. O'Connor of Arlington, and two nieces, Shirley Kenny of Bedford and Marjorie Prince of Los Angeles.

Irene E. Melvin

Irene E. (La Londe) Melvin, a senior clerk at the Lincoln Laboratory from 1956 until her retirement in 1977, died February 24 at the age of 66.

Mrs. Melvin, who lived in Somerville, leaves a nephew, Robert H. Wood of Tewksbury; two nieces, Mrs. Lorraine V. Waterman of Wilmington and Jacqueline A Wood of North Reading, and a mother-in-law, Mrs. Mae Melvin of Somerville.

Paolo Marcato

Paolo Marcato, a sponsored research technical staff member at the Laboratory for Nuclear Science since 1969, died February 16. He was 38 years old.

Mr. Marcato, who lived in Arlington, leaves his wife, Luisa Marcato, and a daughter, Elizabetta.

John B. Collins

Word has been received that John B. Collins, of Cambridge, a custodian at Physical Plant from 1951 until his retirement in 1962, died February 21, at the age of 81.

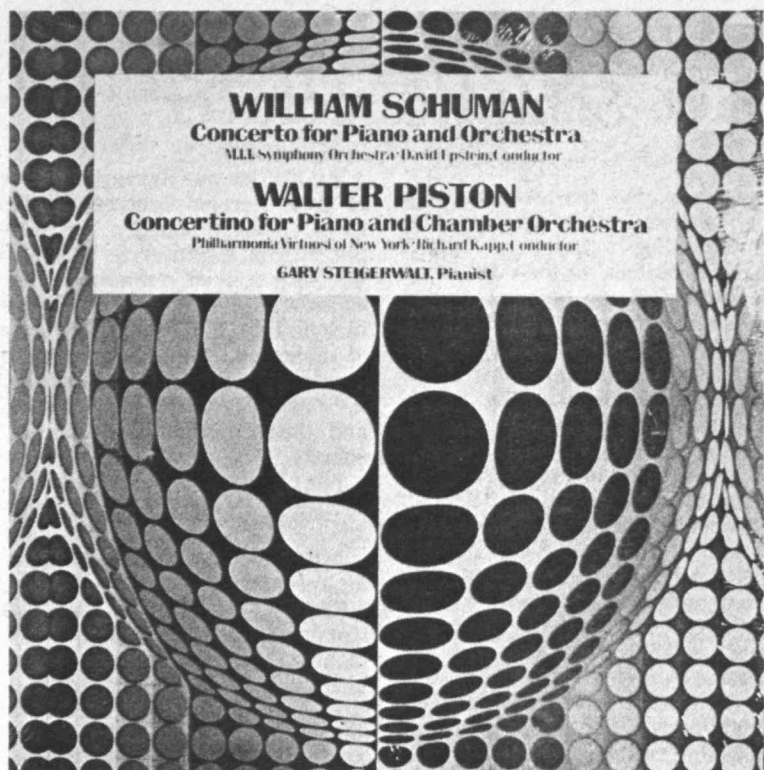
H78-207, Tech. A, Energy Laboratory (1/24)
H79-10, Hourly, Campus Patrol Officer, Campus Patrol (2/7)

The following positions have been FILLED since the last issue of Tech Talk:

- B78-758 Sec. IV
B79-43 Sec. IV
B79-51 Sr. Clerk/Recept. III
B79-49 Sec. III
R78-287 Spons. Res. Staff
B79-18 Sec. IV
R79-20 Spons. Res. Staff
B78-154 Sec. IV
R79-42 Spons. Res. Staff
R78-70 Spons. Res. Staff
R79-12 Spons. Res. Staff
B79-35 Sr. Payroll Clerk III
B78-789 Sec. V
B79-97 Sec. IV
B79-95 Sec. IV
R79-47 Spons. Res. Staff
R79-41 Spons. Res. Staff
C78-6 Acad. Staff
C78-32 Acad Staff
B79-53 Sec. IV
B79-76 Lib. Asst. IV
A78-3 Admin. Staff (Cancelled)
B79-79 Acct. Rep V

The following position are on HOLD pending further decision:

- A78-84 Admin. Staff
R78-206 Spons. Res. Staff
E79-3 Exempt
H79-17 Hourly



WILLIAM SCHUMAN
Concerto for Piano and Orchestra

WALTER PISTON
Concertino for Piano and Chamber Orchestra

The MIT Symphony Orchestra's latest record album features the premiere recording of William Schuman's Piano Concerto and is now available at the MIT Coop.

-Photo by Calvin Campbell

MIT Symphony Records
Schuman's Piano Concerto

The MIT Symphony Orchestra has issued its fourth release on the Vox/Turnabout label with the world's first recording of the Piano Concerto by William Schuman, featuring soloist Gary Steigeralt.

Originally recorded in 1978 on location at MIT, this is the latest in a series of recordings that have gained considerable notice and recognition from leading critics in both the United States and England.

Since 1965, when David Epstein was appointed conductor of the MIT Symphony, the group has earned national distinction with its appearances in major concert halls in Philadelphia, Chicago, San Francisco, Los Angeles, Dallas, Buffalo and Montreal, as well as in Carnegie Hall and Lincoln Center in New York City and in Washington, D.C.'s Kennedy Center. It has also been the subject of a nationally viewed public television program.

A critic for London's Records and Recordings (March 1978) noted, the MIT Symphony "...is certainly one of the best orchestras to appear on the Turnabout label."

The first album was issued in January 1977 with Aaron Copland's Dance Symphony and Walter Piston's Suite from "The Incredible Flutist." The American Record Guide (December 1977) predicted: "Epstein will reap a capful of kudos for a delightful performance when the disc gets some airing around the country." Indeed, Mr. Epstein did.

Locally, the Boston Phoenix said of that album, "The music is more than interesting, to be sure, but what impresses is the clear intelligence of the conducting and the brash wit of the ensemble."

Reviews of similar stature followed with the second release that features MIT's Marcus Thompson as soloist in Ernest Bloch's Suite Hebraique, for viola and orchestra, Paul Hindemith's Der Schwanendreher, for viola and small orchestra and Frank Martin's Sonata da Chiesa, for viola d'amore and string orchestra, the first and third works being premiere recordings. The album received a citation from Stereo Review (February 1978) as a "Recording of Special Merit."

In February, 1978, the American Record Guide said the third album was "the MIT group's best release to date: professional, unmannered, utterly musical...Bravo Epstein et al for doing a fine job and avoiding anything that resembles run-of-the-mill playing." That recording featured pianist Abbott Ruskin in Aaron Copland's Piano Concerto ("Jazz Concerto") and Samuel Barber's Piano Concerto, Op. 38.

This fourth album offers the public the first recording of Schuman's Piano Concerto, a work written some forty years ago. Vox Records asked the MIT Symphony to make the recording and provided Mr. Epstein an opportunity to collaborate with the composer.

Mr. Epstein described Schuman as "a dynamic personality...the ulti-

mate professional in his completely sure sense of what he wants in his music."

The two worked closely together in the months preceding the performance and taping in Kresge Auditorium, leading to a warm friendship and later Schuman's personal appearance at the March 1978 concert.

Upon hearing the performance, Schuman was moved to comment, "Hearing this performance makes me want to write music for piano all over again."

William H. Schuman is one of America's leading composers and music educators, well known for his far-reaching changes in the teaching of music theory in the 1940's and 50's. A member of numerous organizations, Schuman is president emeritus, Juilliard School of Music, president emeritus of Lincoln Center and chairman of the board of Videorecord Corporation of America.

Schuman served as vice chairman of the US delegation to the UNESCO International Artists Conference in 1952. He is on the music panel of the National Endowment for the Arts and is also director of the Koussevitsky Music Foundation, the Naumberg Foundation and the Composers Forum.

A 1943 Pulitzer Prize winner, Schuman received the New York Critics Circle Award in 1941 and 1950, and the Brandeis University Creative Arts award in music in 1957. He was a Guggenheim Fellow, 1939-41, a Fellow of the National Institute of Arts and Letters and is an honorary member of the Royal Academy of Music.

David Epstein, professor of music in the MIT Department of Humanities, is a composer and critic as well as a teacher and conductor. His compositions have been performed on numerous concert series in the United States and Europe, including the Aspen Music Festival, International Society of Contemporary Music, Boston Symphony Chamber Players, Philadelphia Quartet, and the Louisville Orchestra. Many of his works have been recorded.

Casdin-Silver
On 'Open House'

Harriet Casdin-Silver, holographer and fellow at MIT's Center for Advanced Visual Studies, will appear on WCVB-TV, Ch. 5 this Sunday, March 11, as a guest on "Sunday Open House." The program will begin at 9:30am and will also feature economist John Kenneth Galbraith and actor Richard Chamberlain. A few seats are still available in the program's live audience. For more information and reservations, call Jane McCabe at 449-0400.

S.W. Kuffler Named 1979 F.O. Schmitt Lecturer

(Continued from page 1)

synapses, and the mechanism by which nerve cells participate in the integrating activity of higher neural centers. In the citation accompanying the Schmitt Award, he is cited for his work showing that nerve-muscle synaptic transmission is mediated by chemicals, and for establishing "one of the major centers of world neurobiology."

Dr. Kuffler is the sixth neuroscientist to receive the Schmitt Award, which is to be presented to him at the stated meeting of the NRP Associates on March 18 at the Neurosciences Research Program center at the house of the American Academy of Arts and Sciences.

Dr. Kuffler was born in Hungary and received the MD degree from the University of Vienna in 1937. The following year he went to Australia as a member of the Kanematsu Institute, in Sidney, where he worked until 1945, the last two years as an Australian National Research Council Fellow.

Dr. Kuffler came to the US in 1945 as Seymour Coman Fellow at the University of Chicago, and in 1947 joined the faculty of the Johns Hopkins School of Medicine, where he was appointed professor of ophthalmic physiology and biophysics in 1956. He came to Harvard Medical School in 1959 as professor of neurophysiology and Neuropharmacology, was named to the Robert Winthrop Professorship in 1964, and in 1966 became chairman of the school's department of neurobiology, a post he

Career Options To Be Subject Of Symposium

Trailblazing, they are calling it—the first freshman symposium on career options, designed to give MIT undergraduates a chance to talk in small groups with alumnae and alumni in widely differing fields, will take place Saturday morning, Mar. 10 in Rm 10-250.

After coffee and doughnuts at 9:45am, MIT Provost Walter A. Rosenblith will open the symposium with a talk entitled "An Intellectual Map of the Institute." Professor Rosenblith's talk will be followed by a discussion of jobs and career paths of MIT graduates by Robert Weatherall, director of Career Planning and Placement, and a brief address by Claude Brenner, president-elect of the board of directors of the MIT Alumni Association. Dr. Louis Menand, III, will be moderator.

At 11:05, the first set of seminars will begin. Groups of 10 to 20 students will meet with panels of two or three MIT graduates who will describe their own careers and join in discussion of these careers with the students. A second set of seminars is scheduled to begin at 12:05.

Alumnae and alumni representing the fields of medicine and public health, government and public policy, engineering, journalism, consulting, law, management, research, architecture and construction, and entrepreneurship are expected to be present.

At 1pm a sandwich lunch will be served, giving further opportunity for informal discussion of career choices between students and graduates. A number of freshman advisors and departmental representatives will also be available for informal discussions.

The seminar is sponsored by the Office of Freshman Advising, the Undergraduate Association, the Alumni Association and the Career Planning and Placement Office.

All freshmen are strongly encouraged to take advantage of this program. Interested upperclassmen are also welcome to attend. For more information, contact Rose Mone at x3-6771.

held until 1974.

Dr. Kuffler was Harvey Lecturer in 1959, Ferrier Lecturer of the Royal Society, London, in 1956, Sherrington Lecturer in 1972, and he has received numerous other awards. His many memberships include the US National Academy of Sciences, the Royal Danish Academy of Sciences and Letters, the Austrian Academy of Sciences, and the American Philosophical Society.

The Neurosciences Research Program, an MIT Interdisciplinary research center, serves as a worldwide communications center for research in neuroscience. The NRP's 34 Associates are drawn from such fields as medicine, psychiatry, physics, biochemistry, biology, neurology, and psychology. The present Associates include four Nobel laureates.

Dr. Schmitt, who headed the program for 13 years, now serves as NRP Foundation Scientist. He received his PhD degree from Washington University in 1927 and, after postdoctoral work abroad, returned to Washington University, where he worked on nerve action potential with Erlanger and Gasser.

Dr. Schmitt became professor of biology at MIT in 1941 and was department head from 1941 to 1955. At the Institute, he became one of the first to apply x-ray diffraction and polarization optics to biology. His research on the fibrous proteins of the giant nerve axons of squid led to the understanding of the chemical and physical composition of myelin, the material that sheaths the nerve fibers. During World War II, Dr. Schmitt developed the technique for making collagen sutures. He was appointed Institute Professor in 1955.

Postal Notice

The US Postal Service has suspended all mail service to Iran, effective February 6, until further notice. Iran bound mail is to be returned to sender. Postage is refundable.

Randolph Named In Dean's Office For Counselling

Robert M. Randolph, who has served in various administrative and counselling positions at Dana Hall School in Wellesley, Mass. since 1967, has been appointed assistant dean for student affairs in the counselling section at MIT.



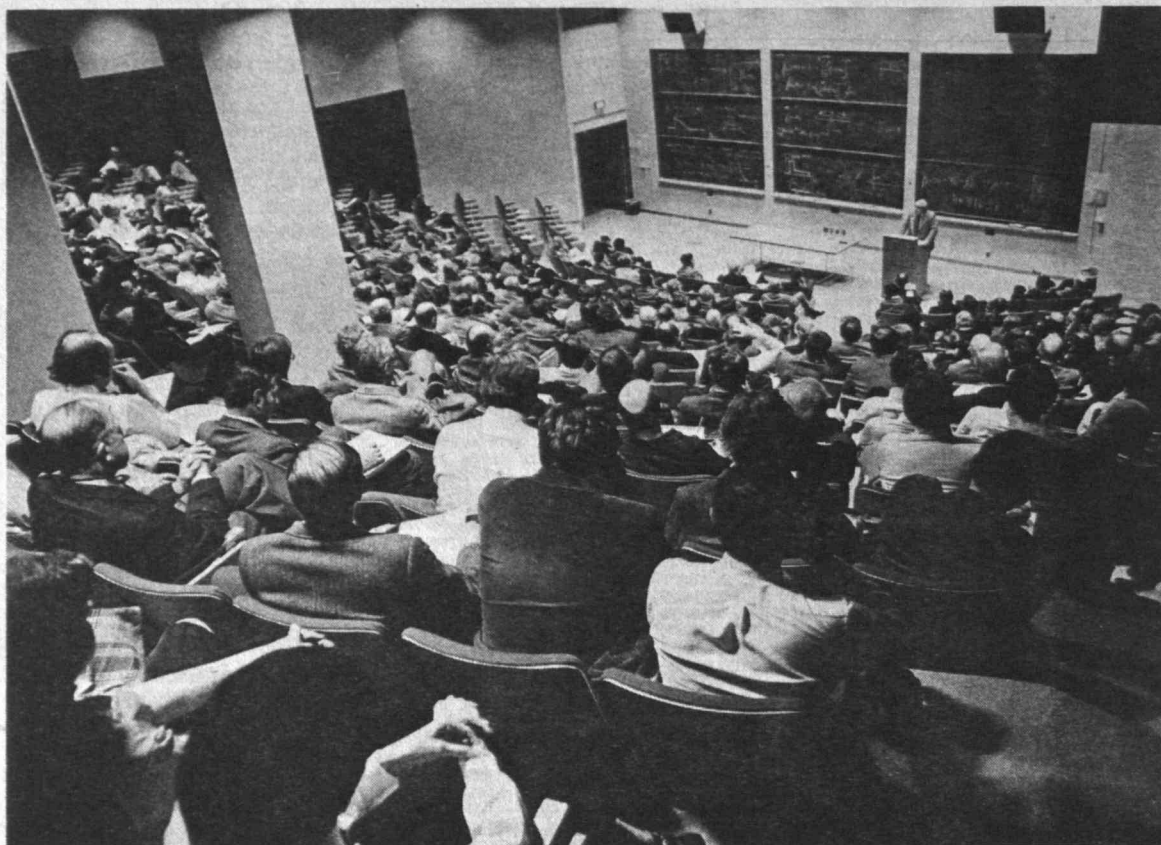
Mr. Randolph

He replaces Peg Norris, whose appointment was temporary, covering the time she and her husband were at MIT during his sabbatical from the University of Canterbury in Christchurch, New Zealand.

Mr. Randolph has been instructor of history at Dana Hall since 1967 and in 1968 served as assistant to the principal. From 1970-1973, while acting as co-director of residence at the school, Mr. Randolph was a Crown Fellow at Brandeis University. Since 1976 he has been instructor of history and chaplain at Dana Hall.

He received the BA in history from Abilene Christian College, Abilene, Tex., in 1962, the MA in history from Pepperdine University, Los Angeles, Cal., in 1964, the BD from Yale University in 1967 and the MA in the history of American civilization from Brandeis University in 1972. He is a PhD candidate in the history of American civilization at Brandeis.

Mr. Randolph's interests include gardening, sailing and reading. He is married to Jan Cothran, dean of students at Dana Hall. They have two children, Kathleen and Margaret, and live in Wellesley, Mass.



Chancellor Paul E. Gray addresses a meeting of faculty, staff, students and employees of the School of Engineering in Rm. 10-250. The meeting, held Feb. 28, was called by Dean Robert C. Seamans Jr. to discuss the future of MIT and of the School. Dean Seamans also spoke.

—Photo by Calvin Campbell

Climate and History Conference Planned

Robert L. Rotberg, professor of political science and history, and the Journal of Interdisciplinary History, which he edits, are organizing an international conference on Climate and History to be held May 18-20.

The meeting, which is funded by the Rockefeller Foundation, will be at the Harvard Faculty Club.

Leading historians and scientists from MIT, Harvard University, the University of Wisconsin, the Univer-

sity of Minnesota, Johns Hopkins University, the University of California at Berkeley and the Scripps Institute, as well as from France, Britain, Switzerland, New Zealand and other countries, will participate.

The topics to be discussed include: "The Impact of Climate on Long-Term Trends in the Past," "Botanical and Chemical Evidence on Climatic Change," "Evidence of the Impact of the Sun on Past Climate," "Evidence of Climatic Change from the Written Record," "The Impact of Climate on Economics, Nutrition, and Disease," and "Research Priorities: Climate and History."

The results of the conference will be published in a special issue of the Journal of Interdisciplinary History and, subsequently, in book form. The Journal, a quarterly, is published by the MIT Press. It is concluding its ninth year of publication: it was started shortly after Professor Rotberg joined the faculty.

Mendel Works on Exhibit At Center for Visual Studies

Mark Mendel, poet and fellow at the MIT Center for Advanced Visual Studies, will open an exhibition of his works today, March 7, at CAVS (Building W11).

The show, "Stethoscope Laser Inscription: Poems and Projects 1975-78," will be open to the public through March 30, Monday-Friday, 9am-5pm. The poet will be present at a public reception on Friday evening, March 9, 7-10pm.

Mr. Mendel works with various media, often collaborating with other artists, in an attempt to create an environment that includes poetry on a large scale. His poems have been painted on walls, barns, glass, written in neon, and towed across the sky by plane.

This exhibition will include documentations of Mr. Mendel's outdoor pieces, his neon poem, a poem on laser, children's poems from the Chattahoochee Fast Poem Anthology (Columbus, Ga., 1977), poems on mirrors, poems on fabric, drawings for a solar poetry project and a multi-screen slide poem.

Born in Monroe, Ga., Mr. Mendel received an MA degree from the Johns Hopkins University, Baltimore, Md. He has been a visiting poet in the Maine State Poet-in-the-Schools Program, a visiting poet in the Maine State Prison and visiting poet in the state of Georgia. He was also an instructor in stonemasonry at Haystack at Arcosanti, Ariz., before coming to MIT in 1976.

Mr. Mendel's poetry has been pub-

lished in many magazines and collections in the United States as well as in Paris in *Le Soleil Noir*, 1978. One of his major works, *Ojos Numerosos*, was installed on the walls of buildings and viaducts in the local Cambridge area in 1975. The poem was written in 23 three-line stanzas, each stanza painted on various walls, forming a chain in the experience of the person moving about town. His work was also included in the 1978 "Centerbeam D.C." exhibition, a group work by fellows of CAVS.

Two at MIT Win Sloan Fellowships

Two assistant professors in the School of Science at MIT are among 78 young scientists who have been awarded Sloan Fellowships for Basic Research.

F. Read McFeely, assistant professor of chemistry and Eugene B. Trubowitz, assistant professor of mathematics, will each receive \$10,000 a year for the two year term of the Fellowship.

The Sloan Fellowships for Basic Research were established by the Alfred P. Sloan Foundation in 1955 as a means of stimulating advances in fundamental research by young faculty scientists at a time in their careers when government

and other support is difficult to obtain. The grants, which are administered by the Fellows's institutions, are designed to permit added freedom and flexibility for the most creative young researchers.

Fellowship funds may be used for support of technical assistance, professional travel, summer support, computer time, support of predoctoral and postdoctoral research assistants, equipment and supplies, and, where compatible with departmental needs, release from teaching obligations.

Fellowship nominations are reviewed by a committee of eight distinguished scientists. Among the committee members is Dr. John S. Waugh, professor of chemistry at MIT.

Talent Show

(Continued from page 1)

Kazdak, Dave Kaus, Brian Armstrong, Rob Klein, Laura Gooch and Karlis Musa; and "Mr. Z & Mr. E," Charles G. Eliot and Z. Smith will represent the class of 1979.

Representing graduate students will be Andy Szilagyi and Joan Bannerman with "Tango Technique."

The finals will be judged by Institute celebrities Ed Diamond, senior lecturer in Political Science; Bonny Kellerman, assistant dean for student affairs; Robert Sherwood, associate dean for student affairs; Professor Arthur Mattuck of mathematics, plus one mystery celebrity. A magnum of champagne goes to each of the twelve finalist groups, and Grand Prizes will be awarded to the top three winners on Friday night.

Organizers of the competition were class officers of '79, '80 and '81 and representatives of '82, who have been working on the show since the fall term.

CEP Summary And Agenda

Summary of the CEP Meeting on March 1

The Committee met with Professor Leon Groisser and Dean Bonny Kellermann to discuss policy and procedural issues relating to the Committee on Discipline, particularly with regard to formal probation and disciplinary notations on transcripts. The CEP also supported the reinstatement of the Student Course Evaluation project, which will be conducted by the TCA next fall.

CEP Agenda for March 8

1. Continued discussion of the proposal for a faculty committee on Student Affairs and of the role of the Graduate School Office—with Dean Wadleigh and Dean Halfman.

Littleboy to Speak On Gardening

Ruth Brooks Littleboy, well-known horticulturist and consultant, will give a lecture/slide presentation on "Gardening in the City, Gardening in the Shade," Wednesday, March 21, at 5:45pm in the Emma Rogers Room (10-340). Presented by the Technology Organization of Professional Secretaries (TOPS), the talk will be preceded by wine and cheese at 5:00 o'clock.

A graduate of Radcliffe, Mrs. Littleboy is currently studying landscape design at the Radcliffe Seminars and is also a consultant in that profession. For several years she taught city gardening at the Massachusetts Horticultural Society, and since 1973 she has been teaching horticulture at the Cambridge Center for Adult Education.

TOPS invites all people interested in plants and gardening to join them and Ruth Littleboy on March 21.