



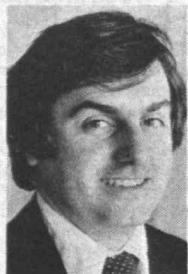
After a week of orientation, how does a fellow find himself? With a little help from a friend, in this case, Evelyn Jacobson, one of many APO members working at registration in duPont Gymnasium on Monday.

## James Champy to Resign Alumni Association Post

James A. Champy '63, Executive President of the MIT Alumni Association since Jan. 1, 1975, will leave that position in mid-October to enter private business.

Announcement of the pending resignation was made by Joe F. Moore '52 of Houston, Tex., 1978-79 President of the Alumni Association, and by MIT Chancellor Paul E. Gray '54.

They said the Association, which plays a major role in the five-year \$225 million Leadership Campaign launched by MIT in April, 1975, will sorely miss Mr. Champy's strong and skillful leadership, but said the opportunities for him in private business are significant and com-



Mr. Champy

PELLING. "During his term, the Alumni Association and its members throughout the world have rendered their Alma Mater important and encouraging support and service," they said. "We regret Mr. Champy's resignation, but he goes with our very best wishes for future success."

Replacing Mr. Champy will be a difficult task, they said. A seven-member search committee has been established to identify and to screen possible successors. Alumni interested in being considered for the post may indicate their interest by mail addressed to Dr. Harl P. Aldrich in care of the Office of the Chancellor, Rm. 3-208, MIT, or contact search committee members directly. Names, addresses and telephone numbers of search committee members are:

Chairman Dr. Harl P. Aldrich,

(Continued on page 8)

## Negotiations Continue with 4 Unions

(James J. Fandel, Manager of Labor Relations, released the following information to Tech Talk to report the status of union negotiations.)

Negotiations with Local 254 of the Service Employees' International Union are presently being conducted with the assistance of the Federal Mediation and Conciliation Service. The Service has scheduled another meeting with the parties at its Boston office that will have been held at the time of this printing on September 12.

Negotiations with the Research, Development, and Technical Employees' Union representing certain laboratory employees on campus and at Lincoln Laboratory continue with the next meeting scheduled for today.

The Hotel, Restaurant, Institutional and Bartenders' Union representing three separate bargaining units in Food Services and the Faculty Club have a meeting scheduled for tomorrow, September 14.

The Independent Union of Plant Protection Workers representing guards at Lincoln Laboratory also have a meeting scheduled for this week to be held on Friday, September 15.

Negotiations with these four unions at MIT, begun last May, are still in progress and as of Monday of this week no agreements have yet been reached. The unions represent some 1,500 employees on the campus and at Lincoln Laboratory, in seven separate bargaining units.

# Goldblith Named Vice President For Resource Development

Dr. Samuel A. Goldblith, Underwood-Prescott Professor of Food Science at MIT and, since 1974, Director of MIT's Industrial Liaison Program, has been appointed MIT Vice President for Resource Development and the principal administrative officer for MIT's current \$225 million Leadership Campaign.

Dr. Goldblith, of Melrose, Mass., follows the late Lt. General James B. Lampert (USA, Ret.), who died July 10 at the age of 64 following an illness of several months. General Lampert, a former Superintendent of the US Military Academy at West Point, N.Y. (1963-66) and a former US High Commissioner of the Ryukyu Islands (1969-72), became Vice President for Resource

Development in 1973 following retirement from active military service and, as Vice President, directed the planning, organization and operations of the five-year Leadership Campaign from the time it was started in April, 1975, until his death. General Lampert was a 1936 graduate of West Point and received the SM degree in civil engineering from MIT in 1939.

Announcement of Dr. Goldblith's appointment to the post formerly held by General Lampert was made jointly by MIT President Jerome B. Wiesner and MIT Chancellor Paul E. Gray.

"Professor Goldblith is uniquely qualified to carry the Leadership Campaign to a successful conclusion over the remaining 19 months and we are deeply grateful that he has agreed to accept this extraordinarily important assignment," they said.

"As Director of the Industrial Liaison Program, Professor Goldblith participated with General Lampert and members of the staff of the Office of Resource Development and Planning in organizing the Leadership Campaign and pressing it forward over the past 41 months during which time more than \$172 million in new resources



Professor Goldblith

for the Institute's future have been raised.

"Because of his participation in the Campaign from its beginnings and his extraordinary per-

(Continued on page 8)

## Faculty to Meet

A regular meeting of the faculty will be held today (Wednesday, Sept. 13) at 3:15pm in Huntington Hall (Rm. 10-250). Agenda items include:

—Report of the Committee on Graduate School Policy: recommendation of candidates for advanced degrees.

—Report of the Committee on Academic Performance: recommendation of candidates for Bachelor's degrees.

—Motion to continue on an interim basis arrangements for participation of non-faculty persons in faculty meetings, established by vote of the faculty on September 24, 1969.

—Motion to establish a Master of Science degree in transportation.

—Motion to designate members of the faculty *ex-officiis* for 1978-79.

## Meeting to Probe Tax Reform Issues

MIT Professor Lawrence E. Susskind will host a meeting of state officials and others on Thursday, Sept. 14, to consider ways of involving taxpayers more directly in tax reform decisions.

Professor Susskind, head of the MIT Department of Urban Studies and Planning, was a leader in developing the concept of citizen involvement in the planning process. This was done through programs conducted by himself and other MIT researchers in the Massachusetts communities of Arlington and Rockport.

Professor Susskind will review these citizen-based planning experiences at the meeting, which he is holding at the request of State Representative John F. Cusack, chairman of the House Committee on Urban Affairs.

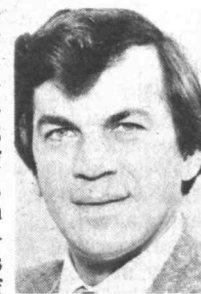
Rep. Cusack, an Arlington resident, told Professor Susskind he believes it is essential to give citizens a direct voice in tax reform decisions.

Rep. Cusack said that the effects of tax reform proposals such as Proposition 13 in California and Proposition 2½ in Massachusetts, which place ceilings on property taxes, are unpredictable unless there is adequate planning.

He added, "I firmly believe that broad-based citizens' support is essential for truly meaningful tax reform in Massachusetts."

## Davidson Appointed Director Of Plasma Fusion Center

Dr. Ronald C. Davidson, a well-known plasma physics theorist and a former scientist-administrator in the US Department of Energy (DOE), has been named professor of physics and director of the Plasma Fusion Center at MIT, effective Sept. 1, 1978.



Dr. Davidson

President Jerome B. Wiesner announced the appointment of Dr. Davidson, who comes to MIT from his position as assistant director for applied plasma physics at DOE.

Dr. Davidson has been a member since 1968 of the faculty of the University of Maryland, where he

was professor of physics and a co-director of the Maryland Fusion Research Program. He has also been a senior scientific consultant in the plasma physics division of the Naval Research Laboratory and visiting senior scientist in the plasma physics division of the Los Alamos Scientific Laboratory.

Dr. Wiesner noted that Dr. Davidson's appointment was the culmination of a three-year search for a director of the MIT Center, and said: "The Institute is fortunate in attracting a person of Dr. Davidson's experience and accomplishments for this very exciting program."

The major objectives of the Plasma Fusion Center are to serve as an intellectual and administrative focus for MIT's extensive work in plasma physics and fusion,

(Continued on page 4)

## Herbert Bridge to Head Center for Space Research

Dr. Herbert S. Bridge, professor of physics at MIT and a widely known space scientist who has played a key role in mapping the solar winds that flow through interplanetary space, has been named director of the MIT Center for Space Research, effective October 1, 1978.



Dr. Bridge

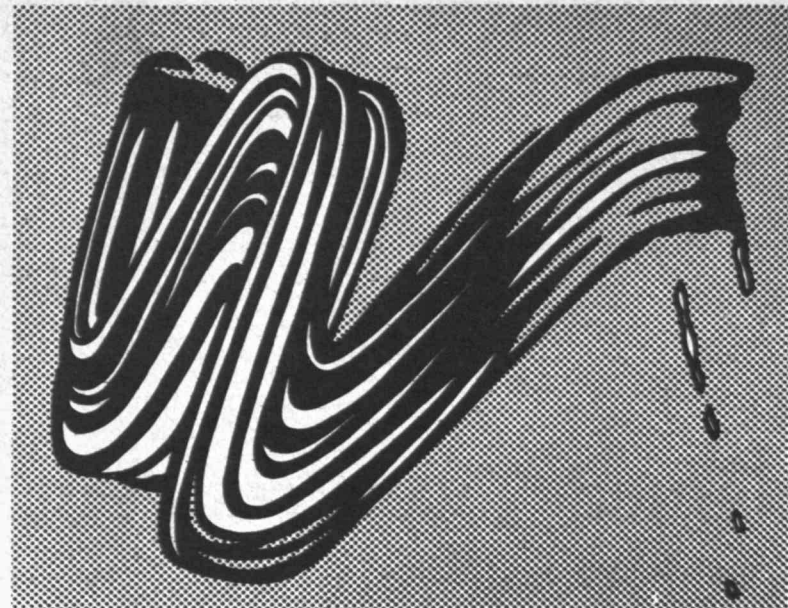
Dr. Thomas F. Jones, Jr., vice president for research, announced the appointment of Dr. Bridge, who succeeds Dr. John F. McCarthy. Dr. McCarthy, who has headed the MIT Center since 1974, will be taking leave from his administrative and teaching posi-

tions to become director of the National Aeronautics and Space Administration (NASA) Lewis Research Center in Cleveland, Ohio, also on Oct. 1, 1978.

Dr. Bridge has been associate director of the Center for Space Research since 1964, and over the years has been principal investigator in numerous, important solar wind experiments launched by NASA. In 1974, he was awarded NASA's Exceptional Scientific Achievement Medal for his outstanding contributions to the 1973 Mariner Venus/Mercury Project.

In commenting on the appointment, Dr. Jones cited Dr. Bridge's "excellent relationships" with space scientists at MIT and elsewhere, and said "his long-time association with the Center and the great variety of projects he has

(Continued on page 8)



This untitled brush-stroked silkscreen print by Roy Lichtenstein is one of more than 100 prints and posters currently on exhibit in the List Student Loan Program and the Catherine N. Stratton Collection of Graphic Art at the Hayden Gallery. The works will be available for loan to full-time registered MIT students following a lottery drawing on Friday, Sept. 15. Exhibition hours are 10am-4pm daily and Wednesday evening, 6-9pm. On Friday, the Gallery will close at 1:00pm and re-open at 5pm for announcement of the winners and a party for students. Lottery winners who are unable to attend the Friday party will be notified by phone on Saturday morning from 8am-noon. Pick-up of works can be made at Hayden Gallery from 1-5pm Saturday and Sunday, and Monday from 9am-5pm. If students cannot pick up their work at these times, they should notify, in advance, either the Gallery, 3-4680, or the Committee on the Visual Arts office, 3-4400, Rm. 7-145, to make other arrangements.

## Sky Opera, *Icarus*, Wins Mixed Reviews in Premiere

Reviews of the world's first sky opera, *Icarus*, were mixed, but the spectators, who numbered in the thousands, were enthusiastic.

*Icarus* premiered on the National Mall, Washington, D.C., the evenings of September 8 and 9, at the site of Centerbeam, the environmental sculpture from MIT's Center for Advanced Visual Studies.

The music and libretto was written by CAVS Fellow Paul Earls, with inflatable sky sculptures by CAVS Director Otto Piene. Music was performed by members of Alexander's Feast, a Boston-based early music/folklore ensemble, and the Columbus Boychoir from Princeton, N.J., Donald Hanson, Director.

The opera is based on ancient Greek mythology. The music has a bold, new, contemporary sound, combining voice, instruments, and electronic compositions. The libretto incorporated texts of Ovid, Nietzsche, Gertrude Stein and Housman. The flavor of the work was at times serious, philosophical, poetic and humorous.

The audience often appeared miffed and awed, not sure whether applause, comprehension and/or laughter was appropriate.

The highlight was undoubtedly the launching of *Icarus*—an air-inflated, helium-lifted sculpture of red dacron and clear plastic wings—and Daedalus, an actor/musician, alternately singing and playing the violin. Unfortunately, the weather did not permit both sculptures to be launched and controlled in the sky simultaneously as called for in the script. Sky sculptures are limited by the elements—in this case, the wind exceeded the 12 miles per hour maximum. To get around the problem, Mr. Piene chose to lift only *Icarus* one evening and Daedalus the other.

Camera crews from all the local Washington stations covered the performance to try to capture on television what spectators had the opportunity to experience. Most cameramen and reporters expressed a sense of frustrated challenge . . . singers on a stage, a violinist in the air, steam performances rising from the Centerbeam sculpture and laser projections on the wall of the nearby National Air and Space Museum.

Passers-by came from all directions to figure out what the strange looking 100-foot-high looped tubes were all about . . . swaying in the wind and lighted by huge spotlights. A photographer for the Washington Star called the sight

"Mindbending Lightbending." A reporter with the Washington Post said, "It was one of those evenings when art collided with technology . . ." National Public Radio's "Voices in the Wind" producer said he taped everything: the music, the audience reaction, and comments from Mr. Piene and Mr. Earls. His challenge would come in the editing room. NPR will broadcast the program on October 15 and Boston's public stations, WGBH-FM and WBUR-FM, will carry it at a time to be announced.

With the performance of *Icarus*, the summerlong exhibit of Centerbeam comes to an end. Many people who visited the exhibit and attended the steam and laser performances and finally, the sky opera, found the MIT project tough to swallow, to digest, to comprehend in a meaningful, or artful, way. But most agreed that they experienced an unusual festival atmosphere . . . a celebration of art. And many wanted to know when such events would be happening again.

The merging of art and technology may perhaps be in its infancy, but fellows of CAVS have certainly seen to it that the two can and do function as a reality, no longer a dream.

## Davison Prints At Faculty Club

Etchings and woodcuts by Pittsburgh, Pa., artist Nancy R. Davison will be on exhibit at the MIT Faculty Club until September 29. Ms. Davison is married to Ralph Davison, '66.

Ms. Davison's show reflects some of her travels in such works as etchings of an English brewery, the view from a London hotel, Stonehenge, bridges of Pittsburgh and scenic places in Maine.

Ms. Davison received a BA in art from Smith College where she studied printmaking with Leonard Baskin. Her work has appeared in regional and national art shows, including the 1977 Boston Printmakers Exhibition and the 1977 and 1978 national print exhibitions at the Hunterdon Art Center in Connecticut. She was awarded Honorable Mentions in the 44th Annual Exhibition of the Miniature Painters, Washington, D.C., the Pittsburgh Print Group Monoprint Show at Allegheny College and the Three Rivers Arts Festival in Pittsburgh.

The style and approach of Ms. Davison's work is varied, from the likes of Andrew Wyeth to more modern geometric impressionists. Her sense of humor is warm and apparent in most of her efforts.

## Crewel World

Needleworkers and those who would like to learn the craft may sign up for classes that will begin September 25 and 26 in the Emma Rogers Room.

Beginning Crewel and Crewel II and III will be taught by Priscilla Gray. Beginning crewel classes will be offered for eight weeks starting Monday, Sept. 25, from 12:30-1:30pm. Crewel II and III will both start Tuesday, Sept. 26; Crewel II from 11:30am-12:30pm and Crewel III from 12:30-1:30pm.

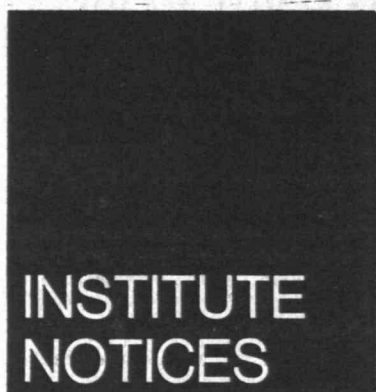
Later in the fall Rene Fell, a widely known needlework artist, will teach a class in beginning canvas work (needlepoint). Another class in beginning crewel is also planned, together with one in creative stitchery.

For further information on the classes or to register for them, call Priscilla Gray, 729-4098, or Nancy Hollomon, 734-4763.

## '82 Newsletter

The Office of Freshman Advising will publish a monthly newsletter for freshmen and their advisors.

Anyone with news or information of particular importance to freshmen is invited to submit it to the OFA (Rm. 7-103) by the 25th of the month for inclusion in the newsletter to be distributed early the following month.



## Announcements

**Changes in Address and Telephone Number\*\***—All changes must be turned into the Registrar's Office, E19-335, by Sept. 18 for inclusion in Student Directory. Telephone requests will not be accepted.

**Transcripts with Summer Session 1978** included will be available Sept. 25, 1978.

**Student Insurance Waivers\*\***—Students who have not filed their Student Insurance Waivers must do so immediately. Forms are available in Rm 12-134.

**Conversation Exchange\*\***—The MIT Wives' Group has compiled a list of international women interested in exchanging foreign language conversation for English conversation. Contact: Karen Devine, x3-2916.

**Fall Art Classes\*\***—Registration Sept 5-15, 1-5pm, W20-429. Classes in drawing, ceramics, photography, stained glass, calligraphy, Chinese brush painting, etching, begin Sept 18.

**T'ai Chi\*\***—The Athletic Department offers a course in T'ai Chi starting in the fall term. Professor Eugene Liu will give instruction Tuesdays and Thursdays from 11am to 12noon.



September 13 - 19, 1978

Wednesday, September 13

Channel 8:  
10am-12noon CARL SAGAN speaking about space probes and extraterrestrials. By VIDEO CLUB.  
12-1pm VIDEO DANCING—Dancers videotaped with a special effects generator. By BASEMENT VIDEO.  
1-2pm IMPRESSIONS OF CHINA—Walter Rosenblith talks of his three week visit in China.

Thursday, September 14

Channel 8:  
10-11am RHETORIC AND JOURNALISM—Edwin Diamond and guest Judy Edwards, editor Savvy magazine.  
11am-12noon SEABROOK—Scenes of the occupation and discussion with MIT participants. By BASEMENT VIDEO.

## Club Notes

**MIT Bridge Club\***—ACBL duplicate open pairs game Thursdays, 7pm, Rm W20-473. Info: 494-8593. Admission .25.

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

**MIT Concert Band First Rehearsal\*\***—September 13, 8pm, Kresge Auditorium.

**MIT Ecology Action\***—Organizational meeting, Wednesday, Sept 13, 7-8:30pm, W20-002. All first year undergraduate and graduate students are welcome.

**MIT Go Club\***—Regular meetings Mon, Sept 11, 8pm, W20-491, Thurs, Sept 14, 8pm, W20-407. Players of all ranks available, instruction for beginners, occasional lectures on strategy and tactics.

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

**MIT Juggling Club\***—Thursdays 7:30-11pm Rm 491 Student Center; Sundays 1-4pm Kresge Oval. Visitors welcome.

**MIT Pistol and Rifle Club\*\***—Beginners Pistol Course starts Oct 5, 6:30pm, du Pont Pistol Range for five consecutive Thursdays, stressing safety and proper handling as well as basic marksmanship. Fee \$20. Info: Andy Platais, 8-1419 (Draper).

**MIT Women's Rugby Club\*\***—Practice every Friday 5:30-7:30pm. Games alternate Saturdays. Any woman with athletic card welcome. Info, call Sharon x3-6825.

**MIT Soaring Association\***—General meeting, Thurs, Sept 14, 7:30pm, Student Center Mezzanine Lounge. Movie, refreshments, introduction for new members.

**Women's Soccer Club\*\***—No experience necessary. Those interested contact Patty McDaniel, x3-5009.

**Technique, the MIT Yearbook\*\***—Meetings every Saturday at noon, W20-451. Free film and free pizza. Drop by and talk. Info: 3-2980.

**Undergraduate Math Club\*\***—Meets Sundays, 4:30pm, Rm 4-182. All undergraduates welcome. First meeting Sunday, Sept 17. Info: d15-8439.

## Religious Activities

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

**Reception for Lutheran-Episcopal students\*\***—Sept 13, 6-7pm, Student Center, West Lounge.

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

**Interdenominational**—Worship and holy communion, Wednesdays, 5:05pm, Chapel, sponsored by Lutheran-Episcopal Ministry.

**MIT Islamic Society\***—Weekly Friday prayers, 1pm, Kresge Auditorium, Rehearsal Room B. Weekly Quranic Study Class, Fridays, 6:30pm, Rm 4-153.

**Christian Service\***—Sundays, 10:30am, Chapel. Singing, preaching, sometimes testimonies. Prayer following. All invited.

**Bible Study\***—Friday afternoons 1-2pm, Rm 20E-207. Bible class, music, guest speakers. Miriam E. Eccles, founder-director, Alpha and Omega Missionary Society.

## New Subjects

**Goethe: Faust (21.244) and The World of Kafka (21.245)** will not be offered this fall.

Post-IV German subjects offered this fall are: 21.238 German Culture and Civilization 21.240 Introduction to German Poetry 21.242 The Modern German Novel

## New UROP Listings

For more detailed information on UROP opportunities listed, MIT undergraduates should call or visit the Undergraduate Re-

12-12:35pm THE GREAT AMERICAN EASTERN—An original comedy by Tom Hockey '81.  
12-35-1pm CYCLE OF LIFE—Sculptor Vince Ricci molds sculptures with a dancer's body. By John Barnett.  
1-2pm POLITICS AND TELEVISION—Edwin Diamond and guest Martin Nolan.

Friday, September 15

Channel 8:  
10-11am RHETORIC AND JOURNALISM—Edwin Diamond and guest Bruce Locklin of the Bergen Record.  
11am-12noon IMPRESSIONS OF CHINA—Repeat, Wed., Sept. 13, 1pm.  
12-1pm POLITICS AND TELEVISION—Edwin Diamond and guest Frank Sargent.  
1-2pm JAZZ COFFEEHOUSE by BASEMENT VIDEO.

Monday, September 18

Channel 8:  
10am-12noon CARL SAGAN—Repeat, Wed., Sept. 13, 10am.  
12-12:35pm THE GREAT AMERICAN EASTERN—Repeat, Thurs., Sept. 14, 12noon.  
12-35-1pm CYCLE OF LIFE—Repeat, Thurs., Sept. 14, 12:35pm.  
1-2pm SEABROOK—Repeat, Thurs., Sept. 14, 11am.

Tuesday, September 19

Channel 8:  
10-11am RHETORIC AND JOURNALISM—Edwin Diamond and guest Jack Nessel.  
11am-12noon VIDEO DANCING—Repeat, Wed., Sept. 13, 12noon.  
12-1pm POLITICS AND TELEVISION—Edwin Diamond and guest Peggy Charren.  
1-2pm JAZZ COFFEEHOUSE—Repeat, Fri., Sept. 15, 1pm.

search 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.

## Second Call for Proposals

Proposals for fall UROP support are now being accepted. Please submit them to the UROP coordinator in your faculty research supervisor's department. For details on proposal writing and submission read the "How to Participate" section of the 78/79 Directory. Also, see the Guidelines on the bulletin board in the main corridor near the Admissions Office.

**General Principles:** Don't ask for what you don't absolutely need. Be sure to have submitted your past UROP evaluations. Write a coherent proposal.

**Announcement of Awards:** Starting the week of September 25. Please don't call and bug us that week: answers will get out as fast as we have them. Decisions will be made in order of receipt of proposals until the money runs out.

**Availability of Funds:** 1) Generally available for materials and supplies requests within reason. 2) Generally available for overhead waiver requests when faculty or departments offer wages to UROP students. 3) Tougher to get if you're asking for significant wages from UROP itself.

## Extruded Proteins

Opportunities are available for undergraduates to use a protein model system to investigate the contribution of mechanical and thermal effects on the texturization of proteins during extrusion. The characteristics of the extruded product are controlled by the raw material and processing conditions. The effects of these variables will be studied by measuring mechanical and physical properties of the extrudate. A computer program will be written to evaluate the experimental data. Contact Turgut Tuten, 56-138, x3-3493, or Prof. ChoKyun Rha, 56-137, x3-3493.

## Graphic Arts Research Foundation (GARF)

GARF is developing new keyboard typesetting methods for the multi-line and ideographic writing forms of Asia and Africa. Hardware and software projects require a working knowledge of Hindi, Marathi, Urdu, Bengali, Tamil, Telegu, Kanarese, Sinhalese, Thai, Korean or other Asian language. Studies are also planned that will relate literacy to the costs of books, magazines and newspapers. Interested students should have fluency in one of the above languages, computer background, and some political science or economics background.

## Boston Biomedical Research Institute

Research opportunities are available here in the following areas: 1) Protein synthesis—changes in development; 2) Structure of myosin—location of actin sites; 3) Single fiber mechanism—calcium control of contraction; 4) Application of EPR spin label to cross-bridge motion; 5) Effect of nerve and activity pattern on fiber type; 6) Ca-control system of muscle—troponin, tropomyosin; 7) Nanosecond fluorescence—application to muscle proteins; 8) Membrane—ATPase linked Ca-transport, sarcoplasmic reticulum.

## Optimizing Nutrient Retention

Because of recent concern for nutrient retention in food products, there is a growing challenge for improving the technological process. One way of meeting this challenge is optimizing the process which may be carried out by the "optimal principle maximum." An undergraduate is encouraged to participate in research concerning computer programming and optimization techniques. New search techniques are being studied for sterilization of canned food where the emphasis is on optimizing the nutrient retention. These techniques are to be incorporated in a computer program. Contact Dr. I. Saguy, 56-107, x3-6735, or Dr. Marcus Karel, 16-315, x3-6774.

## Aspen

The Aspen Project has opportunities for several undergraduate and graduate students who can spend 10-25 hours per week working with a team to develop a computer simulator for fossil energy conversion plants. Students are needed to develop and implement computer programs for modeling unit operations, physical property calculations, language processing, data management, etc. Computer programming proficiency required. Projects may be arranged for pay or academic credit. Projects may begin at any time and continue through the academic year. Contact Dr. Paul Gallier, 20A-027, x3-5461.

## Growth Factors in Tumor Cells

This laboratory is speculating that tumor growth might be related to high levels of growth factor in tumor cells. They have discovered three such growth factors: a growth factor in cartilage which may be involved in the development of the skeletal system and in the growth of cartilage tumors, a growth factor in human milk that might be involved in the nutrition and development of certain cells in the infant, and a growth factor in the testes which might be involved in the growth of sperm. They are interested in a student with a background in biochemistry and biology. The project will involve the growth of cells in culture and biochemical purification. For credit only.

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# Video Director Being Sought

## Program to Become Institute-Wide

MIT has begun a nationwide search for a director of educational video and video operations who will work with the faculty to expand the use of video in the Institute's regular educational programs and in its creative, scholarly, and cultural activities as well.

The director, whose appointment is expected at the beginning of October, will report to the Office of the Provost. Video services now provided by the Center for Advanced Engineering Study (CAES) are being transferred to that office.

An extraordinarily wide range of video activities—more than 240 projects—has been developed at MIT, largely as the result of grants in 1974 (\$620,000) and 1976 (\$490,000) from the Alfred P. Sloan Foundation. The first grant supported the installation of the MIT video cable system. The second grant was given to achieve the objectives outlined in 1975 by a planning committee of faculty, students and administrators led by Professor Ithiel de Sola Pool of the Department of Political Science.

At that time, the CAES, which had used film and video heavily in pursuing its main mission of continuing education for engineers, agreed to be the administrative focus for the increase in educational video and video services proposed by the Pool committee.

It has become increasingly evident during the last several years that the potential use of video in the Institute's educational and scholarly programs represents an avenue for further development.

As a result, President Jerome B. Wiesner, Chancellor Paul E. Gray

and Provost Walter A. Rosenblith asked Associate Provost Hartley Rogers to work with faculty and the CAES to develop recommendations for the future of video at MIT.

This summer, Professor Rogers and Professor Myron Tribus, director of CAES, presented a joint recommendation that an entity concerned with educational video and video operations be established in the Office of the Provost and that current video operations of an Institute-wide character be transferred from the CAES to the new entity. They also recommended a search for a director of educational video and video operations. Serving on the search committee are the Provost, Dr. James D. Bruce, associate dean of the School of Engineering, Professor Tribus, Professor William L. Porter, Dean of the School of Architecture and Planning, and Professor Rogers, who is chairman.

Professor Rogers said video operations and equipment will continue to be housed in Building 9 for the present, but a move to a new location may occur over the next two years.

It was the continued growth of both the CAES continuing education programs and research in educational video and video operations within the Institute that led to the decision to establish a separate video organization at MIT.

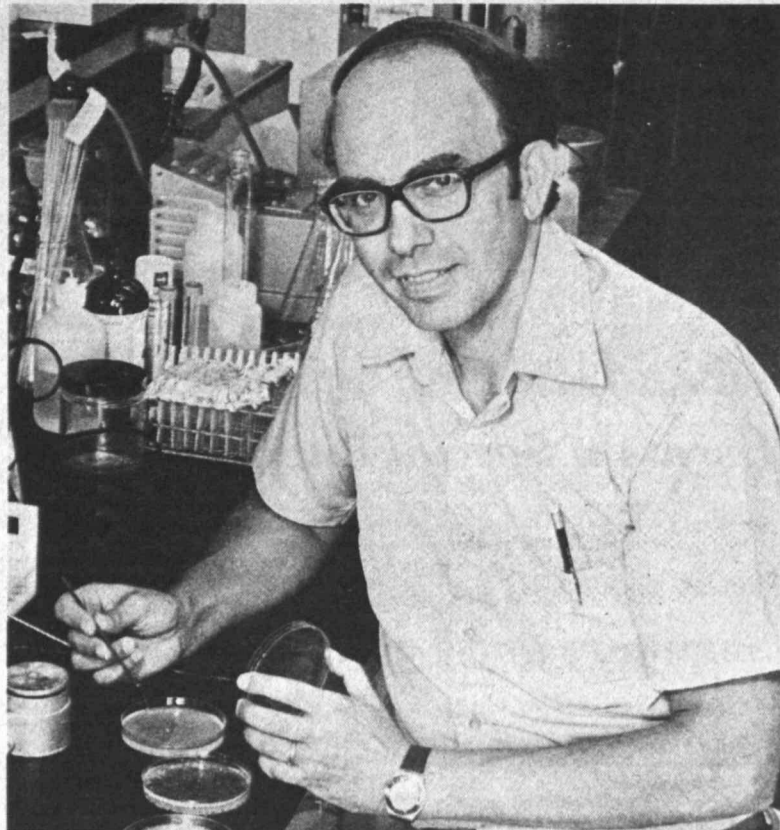
"The ultimate mission of CAES—understanding the lifelong needs of on-the-job engineers for continuing education and providing educational responses to these needs—focuses outside MIT, bringing our educational offerings into the workplace," Dr. Tribus

said. "The Institute's video activities, which focus on the use of video in the Institute's educational programs and in its creative, scholarly and cultural activities, looks inward. With the recent—and expected future—growth of both these activities as well as the broadened Institute-wide interests in video, it is appropriate to provide a separate organizational entity for the educational video activities and video operations.

"CAES also continues to grow and will continue to be a major consumer of video services for our self-study continuing education program and our TVI (tutored video instruction) program," he added.

The self-study program involves the production of videotapes and films of engineering subjects developed at CAES which are used on a self-study basis by practicing engineers. The TVI program involves videotapes of regular graduate-level MIT classes which are used by industry to provide continuing education in a work setting.

Future development of video at MIT, Professor Rogers said, is likely to include increased use of video in existing educational structures; experiments with new ways to extend educational uses of video; education and experimentation in producing visual materials, and exploration of the impact of video as an educational tool on the meaning of scholarship and research.



Professor Schimmel

## Schimmel Enzyme Work Honored by ACS Award

Dr. Paul R. Schimmel of Lexington, a leading biological scientist and professor of biochemistry and biophysics in the MIT Department of Biology, was honored in Miami Beach, Fla., Tuesday (Sept. 12) as the 1978 winner of the Pfizer Award in Enzyme Chemistry of the American Chemical Society (ACS).

The prestigious prize is presented annually by the ACS Division of Biological Chemistry in recognition of outstanding research accomplishments by a biochemist under the age of 40.

In a statement accompanying the award, the American Chemical Society cited Dr. Schimmel, who is 38, as "a top young investigator" in his field and praised his "extensive contributions" to the understanding of protein synthesis.

Professor Schimmel received the award and prize of \$2,000 Tuesday at the ACS fall national meeting in Miami Beach.

In research conducted over the last few years, Dr. Schimmel and his coworkers at MIT were the first to carry out a thorough study of a crucial self-correcting mechanism inherent in protein synthesis—a study that helps explain the great

accuracy and specificity with which a living cell is able to translate genetic information in order to construct complex organic molecules.

This self-correcting mechanism is found in the function of a group of enzymes called the aminoacyl transfer-RNA synthetases. These enzymes enable the transfer-RNA molecules, which carry out genetic instructions from the cell nucleus, to choose the correct amino acid from within the cell and bind it at a highly specific coupling site on the transfer-RNA molecule.

If an error is made in this process—which is known as aminoacylation of the transfer-RNA—a self-correcting, or deacylating, mechanism may be triggered in the mediating enzyme to decouple the amino acid from the incorrect transfer-RNA to which it has bonded, Dr. Schimmel found.

Dr. Schimmel and his colleagues also pioneered in the development of methods for study of interactions of protein and nucleic acids.

Born in 1940 in Hartford, Conn., Dr. Schimmel received the AB degree in 1962 from Ohio Wesleyan University and the PhD degree from MIT in 1966. He also attended Tufts University School of Medicine in 1962-63.

After serving a year as a research associate at Stanford University, he joined the MIT faculty in 1967 as assistant professor of biology and chemistry. He was promoted to associate professor in 1971 and in 1976, at the age of 35, he was appointed to the rank of professor.

## AARP Announces Fall Foliage Trip

Though summer is still very much with us, the MIT-Cambridge chapter of the American Association of Retired Persons has announced plans for a Fall Foliage Trip to New Hampshire on Saturday, Oct. 14.

Buses will leave from West Garage, where parking will be available, at 10am and return at 6pm. Luncheon will be served at 2pm at the Old Forge in Rindge, N.H. Price for the daylong outing, including lunch, is \$12. Reservations are being accepted on a first come, first served basis at the AARP Office, Rm. 50-356.

The fall tour was arranged as a result of the great success of the Clam Bake held earlier this year in Maine which was attended by more than 100 members and guests of AARP.

The next regular meeting of the group will be a spaghetti and meatball dinner to be held Tuesday, Sept. 26, in the Student Center.

## Sea Grant Open House

The MIT Sea Grant Program will hold an open house in its new offices on the third floor of Bldg. E38, Tuesday afternoon, Sept. 19, from 2:30 to 5pm.

Dean A. Horn, director of the Program, has planned the Open House to acquaint faculty, staff and students with Sea Grant's new location near Kendall Square, and to introduce people to its varied projects and to the facilities and information the Program provides, as well as to meet and talk with members of the Sea Grant Program staff. Refreshments will be served.

## Chapman to Visit Fall Term As Hunsaker Professor

Dr. Dean R. Chapman, director of astronautics at the National Aeronautics and Space Administration's Ames Research Center, will be the Jerome Clarke Hunsaker Visiting Professor of Aeronautics and Astronautics at MIT from September through December.

Professor Jack L. Kerrebrock, head of the Department of Aeronautics and Astronautics, who announced Dr. Chapman's appointment, said Dr. Chapman is recognized nationally as an outstanding fluid dynamicist and leader in aerospace research.

"He has been a major force in the development of computational fluid mechanics, a new discipline in which the equations of fluid mechanics are solved by direct numerical methods," Professor Kerrebrock said.

Dr. Chapman has been selected by the American Institute of Aeronautics and Astronautics to deliver the Dryden Research Lecture on Computational Fluid Mechanics in January, 1979.

The Jerome Clarke Hunsaker Professorship—named for the aviation pioneer and former head of the MIT Department of Aeronautics and Astronautics—has been held in the past by a number of distinguished scholars, the most recent being Dr. Robert Seamans, Dr. Alfred Eggers and Dr. Gerard O'Neill.

Dr. Chapman joined the Ames

Research Center at Moffett Field, California, in 1944. Under his leadership, the center has recently played a leading role in governmental research efforts in computational fluid mechanics, placing its emphasis on the external flow over aircraft wings and bodies.

As the director of astronautics at the center, Dr. Chapman has been involved with the Pioneer Spacecraft missions to Saturn, Venus and out of the solar system; the atmospheric probe mission into Jupiter; the use of advanced computer systems for computational fluid dynamics; airborne science and applications; thermal protection for shuttle and planetary entry probes; infrared astronomy; space science; chemical research projects; hypersonic aerodynamics; and experimental fluid dynamics.

Dr. Chapman received the bachelor of science and master of science degrees from the California Institute of Technology in 1944 and the PhD in aeronautics from the California Institute of Technology in 1948.

While the Jerome Clarke Hunsaker Professor, Dr. Chapman will deliver the annual Minta Martin Lecture in December. He will also participate in and help organize a series of seminars on computational fluid mechanics to be delivered by the outstanding experts in this new discipline.

## Resnick, Ault Appointed McCormick Hall Residents

The new faculty residents at Stanley McCormick Hall, the Institute house for women, are Dr. Margery Resnick, associate professor of humanities and director of modern languages in the Department of Humanities, and her husband, Stephen K. Ault.

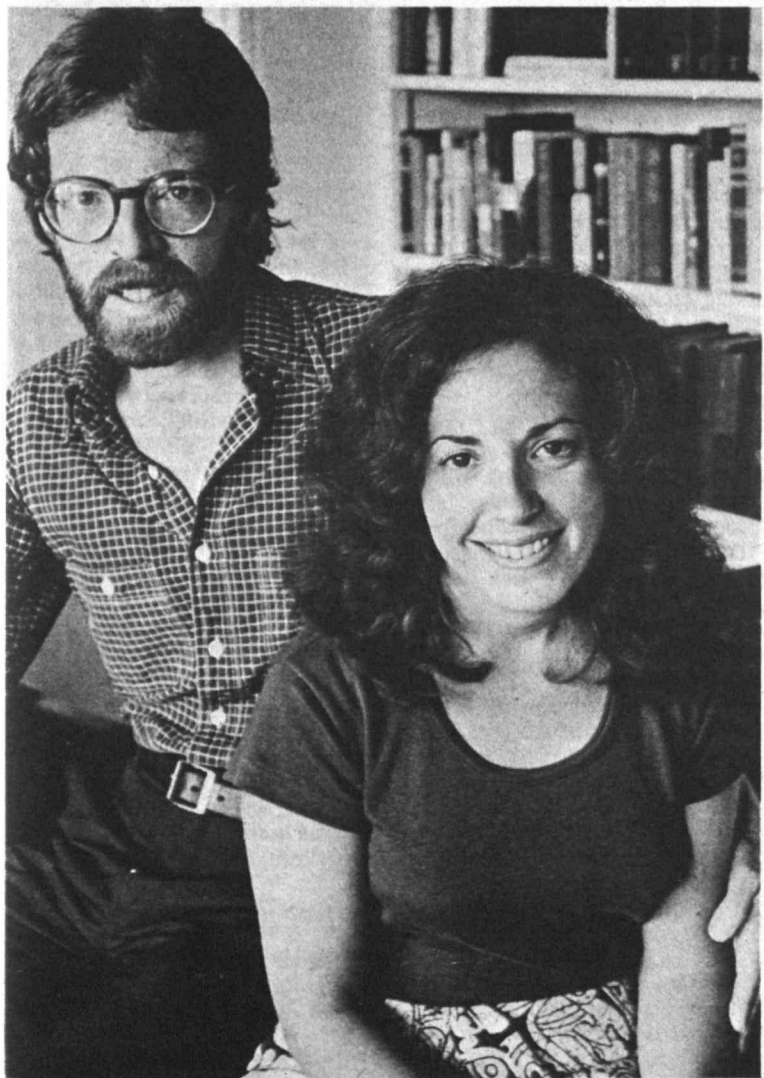
Professor Resnick and Mr. Ault are continuing at MIT what they did for four years at Yale University, where they were resident fellows at Jonathan Edwards College.

Before coming to MIT a year ago, Professor Resnick had been assistant professor of Spanish at Yale and director of undergradu-

ate studies in Spanish.

She received her BA from Indiana University in 1965, an MA from New York University in Madrid, Spain, in 1966, an AM from Harvard in 1968 and PhD from Harvard in 1972.

Stephen Ault is a graduate of Northwestern University and did graduate study in English at Harvard University. He taught at Harvard, the University of Rhode Island, the City University of New York, and Yale. Since returning to Boston, he has been publications specialist for the Boston Public Schools and lecturer in English at Boston University.



Mr. Ault and Professor Resnick

# THE INSTITUTE CALENDAR X3-3270

September 13 through September 24

## Events of Special Interest

**Sea Grant Program Open House\*** — A program to acquaint faculty, staff, students, other users and friends with the Sea Grants Program's new location. Tues, Sept 19, 2:30 to 5pm, new offices, 3rd fl, bldg E38, 292 Main Street, near Kendall Square.

## Seminars and Lectures

### Wednesday, September 13

**Students Interested in Medicine\*\*** — Prof B. S. Gould, chairman, Premedical Advisory Council. Preprofessional Advising and Education Office Seminar, 4pm, Rm 4-145.

### Thursday, September 14

**Min Concave Cost Flows on Networks\*** — Dr. Giorgio Gallo, Università di Pisa, Istituto di Scienze dell'Informazione, Pisa, Italy, Operations Research Center Seminar, 4pm, Rm 24-121. Coffee and doughnuts will be served after the seminar.

### Friday, September 15

**Chemical Engineering Seminars\*** — Jennie R. Patrick, The Analysis of the Superheat-Limit Temperature of Nonideal Binary Liquid Mixtures, 2pm. Carlos A. Ramirez, to be announced, 2:50pm. Barry R. Taylor, Reactions of Nitrogenous Species in Fuel-Rich Flames, 3:25pm. Seminars Held in Rm 66-110.

**Soaps, Membranes, Liquid Crystals and Two Dimensional Physics\*** — Dr. P. S. Pershan, division of applied sciences, Harvard University. Material Science and Engineering Colloquium, 4pm, Rm 9-150.

### Saturday, Sept 16

**Technology and Economics Group\*** — The group will discuss ideas and projects for developing countries involving the application of technology and economics, 1-3pm, Ashdown House, 5th floor lounge. For more information call x5-9658 Dorm.

## Monday, September 18

**The State of the Air Transportation Industry: Problems and Prospects\*** — Dr. Robert A. Frosch, Administrator, National Aeronautics and Space Administration. Sponsored by Flight Transportation Laboratory, aeronautics and astronautics, 2pm, Rm 35-225. For further information call x3-2424.

**Analysis of Uncertainty in Groundwater Hydrology\*** — John Wilson, assistant professor, civil engineering. Water Resources and Environmental Engineering Seminar, 4-5pm, Rm 48-316. Coffee at 3:45pm, Rm 48-410.

**Nonlocal Continuum Mechanics\*** — Brian McCay, mathematics. Applied Mathematics Colloquium, 4pm, Rm 2-338. Refreshments 3:30pm, Rm 2-349.

## Tuesday, September 19

**Estimation in Time Serial with Missing Data\*** — William Dunsmuri, instructor, mathematics. Statics Seminar, 4pm, Rm 2-338. Coffee and tea served at 3:30pm, Rm 2-349.

**Isolation and Transfer of Eukaryotic Genes\*** — Dr. Richard Axel, College of Physicians and Surgeons, Columbia University, New York. Biology Colloquium, 4:30pm, Rm 6-120. Coffee served 4pm, Vestibule, 5th fl, Bldg 56.

## Wednesday, September 20

**Users Discussion of RT11\*** — Sponsored by the PDP-11 Users Group, 1:30pm, Steering; 2pm, General Meeting, Rm 39-530. Refreshments served.

## Thursday, September 21

**Preparation of Claims and Defenses in Construction Contract Litigation\*** — Richard M. Feingold, Attorney and Counselor at Law, West Hartford, Conn. Construction Engineering and Project Management Seminar, 4pm, Rm 1-350.

**Students Interested in the Legal Profession\*\*** — Prof J. D. Nyhart, chairman, Prelaw Advisory Council. Preprofessional Advising and Education Office Seminar, 4pm, Rm 4-145.

## Friday, September 22

**Chemical Engineering Seminars\*** — Mohammadreza Hajaligol, Pyrolysis of Biomass, 2pm. Guest speaker, Prof R. C. Alkire, University of Illinois, Engineering Analysis of Electro-Chemical Systems Including Localized Corrosion Cells, 3pm. Seminars held in Rm 66-110.

## Library Tour Schedule

**Aeronautics and Astronautics Fall Tours\*** — Thurs, Sept 21, 3:15pm. Wed, Sept 27, 10:15am, Rm 33-316. For further information contact: Kate Herzog x3-5666.

**Barker Engineering Fall Tours\*** — Tues, Sept 19, 3:15pm. Wed, Sept 20, 5:15pm. Thurs, Sept 21, 10:15am, Rm 10-500. For further information contact: Carol Schildhauer x3-5663.

**Chemistry Reading Room Fall Tours\*** — Tues, Sept 19, 1:45pm. Wed, Sept 20, 12:45pm. Thurs, Sept 21, 4:45pm, Rm 18-490. For further information contact: Sandy Spurlock x3-5686.

**Dewey Library Fall Tour\*** — Mon-Fri, Sept 18-22, Noon-12:45pm. Rm E53-100. Sign up at Dewey Circulation Desk. For further information contact: David Lewallen x3-5677.

**Microreproduction Laboratory Fall Tour\*** — Rm 14-0551. For tour information contact: Peter Scott x3-5667.

**Rotch Library Fall Tour\*** — Urban Studies, Thurs, Sept 21, 2pm. Architecture, Mon, Sept 18, 10am. Architecture, Tues, Sept 19, 12:30pm. Rm 7-238. For further information contact: Rita Caviglia x3-7052.

**Science Library Fall Tour\*** — Tues, Sept 19, 1pm. Wed, Sept 20, Noon. Thurs, Sept 21, 4pm, Rm 14S-100. For further information contact: Sandy Spurlock x3-5686.

**Libraries 1978 Fall Tour Schedule\*** — Student Center, Rm W20-500; Vose Hoppel Materials Center Reading Room, Rm 12-2137 and the Rotch Visual Collection, Rm 7-304 will offer tours upon requests, as will the Dewey Library, for groups of three or more. For further information contact: Nancy Schrock x3-7098.

## Movies

**The Goodbye Girl\*\*** — LSC movie. Fri, Sept 15, 7 & 9:30pm, Kresge Auditorium. Admission: 75¢ w/MIT or Wellesley ID.

**Hitchcock's The Man Who Knew Too Much\*\*** — LSC Classic Film. Fri, Sept 15, 7:30pm, Rm 10-250.

**Oh, God!\*\*** — LSC movie. Sat, Sept 16, 7 & 9:30pm, Kresge Auditorium. Admission: 75¢ w/MIT or Wellesley ID.

**The Godfather\*\*** — LSC movie. Sun, Sept 17, 8pm. Kresge Auditorium. Admission: 75¢ w/MIT or Wellesley ID.

**Looking for Mr. Goodbar\*\*** — LSC movie. Fri, Sept 22, 7 & 10pm, Kresge Auditorium. Admission: 75¢ w/MIT or Wellesley ID.

**Kind Hearts and Coronets\*\*** — LSC Classic Film. Fri, Sept 22, 7:30pm. Rm 10-250.

**Blazing Saddles\*\*** — LSC movie. Sat, Sept 23, 7 & 9:30pm, Kresge Auditorium. Admission: 75¢ w/MIT or Wellesley ID.

**Bananas\*\*** — LSC movie. Sun, Sept 24, 6:30 & 9pm, Rm 26-100. Admission: 75¢ w/MIT or Wellesley ID.

## Social Events

**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.

# Davidson Appointed Director Of Plasma Fusion Center

(Continued from page 1)

and to correlate work in magnetic confinement of plasmas—including the Alcator A and Alcator C projects in the Francis Bitter National Magnet Laboratory—with other theoretical and experimental work at the Institute.

Dr. Davidson will succeed Dr. Lawrence M. Lidsky, who was appointed on an interim basis as acting director of the Plasma Fusion Center in May, 1978, upon the resignation of Dr. Albert G. Hill. Dr. Hill, former MIT vice president for research, retired formally in 1975 after 38 years of service to the Institute but in 1976 agreed to take the post of director of the Plasma Fusion Center during its developmental phase. Professor Lidsky is a member of the Center's steering committee and served on the directorship search committee.

Dr. Davidson is well known for his contributions to nonlinear plasma theory and has carried out pioneering research in the theory of turbulent plasmas, the theory of non-neutral plasmas, and the theory of anomalous transport, in addition to work in more conventional areas.

Born on July 3, 1941, in Norwich, Ontario, Dr. Davidson received his undergraduate degree from McMaster University in 1963 and the PhD degree from Princeton University in 1966, when he became an assistant research physicist at the University of California, Berkeley.

He joined the University of Maryland faculty in 1968 as assistant professor of physics, was promoted to associate professor in 1971, and was appointed to the rank of full professor in 1973. He was a Ford Foundation Fellow in 1963-64, an Imperial Oil Fellow from 1963 to

1966, and an Alfred P. Sloan Foundation Fellow from 1970 to 1972.

Dr. Davidson has been a guest lecturer at the Center for Theoretical Physics, Trieste, Italy, and has presented several invited lectures at national and international conferences. He has served as chairman of the executive committee of the University of Maryland Center for Theoretical Physics, and as a member of the Department of Energy's Fusion Power Coordinating Committee. He has also served as a member of the executive committee of the Division of Plasma Physics of the American Physical Society.

Dr. Davidson's publications include two advanced research monographs, "Methods in Non-linear Plasma Theory" and "Theory of Non-neutral Plasmas."

## Registration Open For SAA Classes

Deadline for registering for classes offered by the Student Art Association (SAA) is Friday, Sept. 15, at 5pm. Registration is held daily 1-5pm and from 1-7pm on Thursday, Sept. 14, in the Student Center, Rm. 429.

SAA presents a wide range of classes in arts such as drawing, claywork, photography, calligraphy, printmaking, Chinese brush painting and stained glass. Classes are open to all members of the community, with preference given to students when space is limited.

All classes start the week of September 18 and continue, in most cases, for 13 sessions. Payment should be made when registering and will include most materials. Prorated refunds will be given until September 29.

For further information, call SAA, x3-7019.

## Environmental Brochure Issued

A new brochure describing opportunities for environmental studies at MIT has been issued by the Office of the Provost.

Included in the brochure are brief descriptions of concentrations available and degree programs, listings of environmental advisors in each department and subjects offered.

Copies of the brochure are available in the Information Center (Rm. 7-121) and the Office of the Special Assistant to the Provost (Rm. 4-246).

## Blech to Present Kurtz Lecture On Materials

Professor Ilan A. Blech of the Department of Materials Engineering, Technion-Israel Institute of Technology, will present the Jacob Kurtz Memorial Lecture in Materials at 4pm Tuesday, Sept. 19, 1978, at MIT.

Professor Blech will speak on "Electronic Materials Research in Israel and Its Role in the Development of the Electronics Industry" in his lecture in Little Theatre.

The lecture is sponsored by the Jacob Kurtz Memorial Fund, which was established at MIT by the Kurtz family to promote interchange between MIT and the Technion in the field of materials. The program includes visiting lectureships at both institutions and exchange of young research scientists. The Fund is in honor of the late Jacob Kurtz, a pioneer metallurgist in the development of refractory metals.

Professor Blech studied at the Technion and later at MIT, from which he received the ScD degree in 1963. In addition to his teaching and research at the Technion, he has worked at Bell Telephone Laboratories and in the labora-

## Drama Program Includes Dance

While most established courses and activities at MIT are putting their energies in gear this week, the Humanities Department's drama program is getting ready for change and expansion.

This year, for the first time, students can elect drama as their field of concentration in fulfilling their humanities requirement. Course work will combine practical experience in the theater with traditional academic course work.

The program will be coordinated with the activities of the MIT Dramashop, where students work with a professional/technical staff in the areas of directing, acting, scene design, costume design, stage lighting, makeup arts and general scenecraft.

Dramashop projects are integrated with course work in the Literature Section of the Department of Humanities. Workshops in acting technique, playwriting and experimental approaches to theater are intended to round out the drama student's total experience.

The first meeting of the Dramashop, for old and new students, with or without experience, will be held on Thursday, September 14, at 7:30pm in Kresge Little Theatre.

Dr. Robert Scanlan, assistant professor of drama and theatre arts, is announcing the additional expansion of the drama program with the MIT Dance Workshop under its wing.

Under the direction of Boston choreographer and dancer Beth Soll, the Dance Workshop will offer classes in technique, composition and improvisation. Dance students will also have the opportunity to collaborate with theater, music and video projects.

The first meeting and class of the Dance Workshop will be held on Wednesday, September 13, at 7:30pm in the Lecture Rooms of Fairchild Semiconductor, Inc., and IBM. His main areas of research have been in X-ray topographic studies of semiconductors and in electromigration of metals.

3:30pm, in the T-Club Lounge of the du Pont Gymnasium. All MIT students, faculty and community members are welcome. For more information on the Drama Program or the Dance Workshop call x3-2908.

## Obituaries

### John J. Fleming

John J. Fleming, a security guard at the Draper Laboratory from 1956 until his retirement in 1970, died August 14 at the age of 75.

Mr. Fleming, who lived in West Roxbury, leaves his wife, Margaret F. (O'Brien); two sons, John J. of West Roxbury and Daniel F. of Reading; three daughters, Mrs. Edward (Mary) Foley of Dedham, Mrs. Edward (Barbara A.) Carney of Florida and Mrs. Mohammed (Shirley C.) Ameer of West Roxbury; three brothers, Vincent, Leo and Stan Fleming; four sisters, Mrs. Catharine Larson and Mrs. Bridge Darrah, both of Canada, Mrs. Monica McCallum and Mary Rich of West Roxbury; and 12 grandchildren.

### Isabella Evans

Isabella Evans, a secretary at the Sloan School of Management from 1964 until her retirement in 1974, died August 18. She was 69 years old.

Miss Evans, who lived in Watertown, is survived by two cousins, Norma and Thomas O'Connell of Cadyville, New York.

### Vincent Korkozas

Vincent Korkozas, a night custodian from 1964 until his retirement in 1976, died September 1 at the age of 67.

Mr. Korkozas, who lived in Cambridge, is survived by his son Vincent Korkus of Somerville.

# Community Meetings

**Bowling League\*\*** — Lincoln Laboratory 10-pin bowling league starts, Sept 13, 5:45pm, Turnpike Bowladrome Rte 2, Cambridge ABC-10C sanction, mixed league. Interested in joining. Call Art Salkins x5741 or Tony Augustine x7736 Lincl.

**MIT Community Players\*\*** — Come hear about the MITCP at an informal reception on Thurs, Sept 14, 5-7pm, Foreign Student Lounge, Walker Memorial Hall, 2nd floor front. Refreshments will be served. If theater interests you, drop in and learn about the group.

**Orientation for Area Coordinators and Chief Solicitors for the United Boston Black United Fund Drive\*\*\*** — Sponsored by MIT Advisory Committee on Greater Boston Charities. Briefing on forthcoming 1978 campaign. Thurs, Sept 14, 3pm area coordinators; 3:30pm chief solicitors, Rm 9-501. Wine and cheese served at 4:30pm.

**Technology Wives Organization Welcoming Party\*\*** — Party to welcome new members of the community, newcomers, members and spouses invited. Sept 17, 3-5pm, Rm 10-340. Refreshments served. For information: Rachel Kent, 494-0137 or Roberta Caton x3-2406.

**Feminism in Germany\*\*** — Gisela Erler, an active feminist from a distinguished German political family will discuss the relation between warfare and the politics of feminism. Organized by the Women's Forum. Mon, Sept 18, Noon-1pm, Rm 10-105.

**Making Your Own Baby Food\*** — Speakers will be Judy Ford and Jed Gillivray from the Nursing Mothers Council of the Boston Association of Childbirth Education. Tues, Sept 19, Noon, 3rd fl Conference Rm, Infirmary. Bring your lunch, coffee, tea, juice provided. Children welcome.

**Technology Wives Organization Weekly Exercise Class\*\*** — An hour of vigorous exercise led by professional Marilyn de Kleer. Every Monday through Dec 18, 8pm, Exercise Room, 2nd floor, Du Pont Gym. Info: call Marilyn de Kleer 494-9056.

# Exhibits

**MIT Student Art Lottery and Loan Exhibition\*** — Sponsored and organized by the Committee on the Visual Arts. Over 100 framed prints and posters by contemporary master from the List Student Loan Program and Katherine N. Stratton Collection of Graphic Art. For loan to full-time registered MIT students. On view Hayden Gallery and Hayden Corridor Gallery, through Sept 15, 10-4pm; Wed evenings 6-9pm. Fri, Sept 15, 1pm gallery closing Lottery winners announced at 5pm, party in Gallery.

**Department of Architecture Fourth Floor Exhibition Program\*** — "The Department: Some 'stuff'" from Architecture Machine, Building Technology, Behavior Science, Film, Housing, Photography, Studio Work — GSD/MIT, Visual Design, Visible Language Workshop, Environmental Design. On view through Sept 21, Bldg 7, 4th floor.

**Harry Callahan and Aaron Siskind Photography Exhibit\*** — A major two-man show on view daily, through Oct 20, Creative Photography Laboratory, 120 Mass Ave, Camb, MA. For further information call 253-4424.

**The Compton Years\*** — A photographic essay of the lives of Dr. & Mrs. Karl Taylor Compton. Mon-Fri, 9am-5pm, Historical Collections, 265 Mass Ave, 2nd floor, Camb, Mass. For information call 253-4444.

**Charles Stark Draper: Many Facets of the Man\*** — Major photographic show on view Mon-Fri, 9am-5pm, Historical Collections, 265 Mass Ave, 2nd floor, Camb, Mass. For information call 253-4444.

**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.

**MIT Historical Collections\*** — In house exhibits include antique globes; The Ellsworth A. Wentz Collection of motors and meters; rare instruments including compasses, sundials and other measuring devices from the 17th and 18th centuries; Early Alumne and several exhibits of memorabilia and photographs honoring prominent graduates of the Institute. On view daily, 9am-5pm, 265 Mass Ave, 2nd floor, Camb, Mass.

**MIT Historical Collections\*** — Permanent exhibition Mon-Fri, 9am-5pm, Bldg N52, 2nd floor. **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. **Center for Space Research, Astrophysics Exhibit**, main corridor. **Bldg 6 Dedication Exhibit**.

**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, 253-4795.

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

**Musical Caricatures\*** — Music Library, Rm 14E-109. Numerous cartoons of various aspects of music, especially pictures of famous composers and conductors.

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

# Theater

**The Art of Change Ringing\*** — David Westmoreland, Ringing Master, will give an explanation and demonstration on handbells of the English art of change ringing. Thurs, Sept 14, 7:30pm, Rm 10-105. For information call Bill Engelhardt x5-6656 Dorm or Kay Parkin x3-1949.

**Godspell\*** — Presented by the Musical Theatre Guild, based on the gospel according to Saint Matthew. Fri, Sat, Sept 15, 16, 8pm; Kresge Little Theatre. Admission: \$2 w/MIT ID; outsiders \$4 evenings, \$3.50 matinee.

# Dance

**Dance Workshop\*\*** — Workshop director Beth Soll will teach both technique and composition/improvisation classes. First meeting and class Wed, Sept 13, 3:30pm, T-Club Lounge, duPont Gymnasium. For further information call x3-2908.

**Folk Dance Club Beginner's Night\*** — Sponsored by Folk Dance Club. Teaching of popular dances. Sun, Sept 17, 7:30-11pm, Sala de Puerto Rico. Everyone is welcome.

**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 Sept 20 through Oct 1 to Calendar Editor, Rm 5-113, x3-3270, before Noon, Friday Sept 15.

# NASA Official To Open Series Of Air Seminars

A talk by Robert A. Frosch, administrator of the National Aeronautics and Space Agency, on Monday (Sept. 18), will lead off a weekly seminar series this semester sponsored by the Flight Transportation Laboratory in the Department of Aeronautics and Astronautics.

The title of the series is "The State of the Air Transportation Industry: Problems and Prospects." The seminars will be in Rm. 35-225 at 2pm. Coffee will be served at 1:30pm in the du Pont Staff Room (Rm. 33-206).

Most of the seminars will be held on Mondays. The exceptions will be two on Wednesdays (Oct. 11 and 25) and one on a Friday (Nov. 3).

According to the organizer, Dr. Nawal K. Taneja, associate professor of aeronautics and astronautics, the purpose of the seminars is to give faculty and students interested in air transportation an opportunity to meet with leaders from government and industry.

Speakers will include James R. Atwood, deputy assistant secretary for transportation affairs in the Department of State; Monte Lazarus, senior vice president for government affairs, United Air Lines; John E. Steiner, vice president, corporate product development, The Boeing Company; Duane W. Freer, director of the Office of Aviation Policy, Federal Aviation Administration; Clifton F. von Kann, senior vice president, operations and airports, Air Transport Association; and Secor D. Browne of Secor D. Browne Associates.

Browne, former chairman of the Civil Aeronautics Board, originated the seminar series in the 1960s when he was an associate professor in the Department of Aeronautics and Astronautics.

The department plans to continue the series in the second semester.

# MIT Libraries' Term Hours

	Monday-Thursday	Friday	Saturday	Sunday
Aeronautics and Astronautics Library 33-316 253-5665	9-6	9-6	12-4	closed
Archives Library 14N-118 253-5688	9-5	9-5	closed	closed
Barker Engineering Library 10-500 253-5661	9-11	9-8	9-8	1-11
Chemistry Reading Room 18-490 253-1891	10-5	10-5	closed	closed
Dewey Library E53-100 253-5676	8:30-11	8:30-8	9-8	1-11
Historical Collections N52-260 253-4444	9-5	9-5	closed	closed
Humanities Library 14S-200 253-5681	8-11	8-9	9-8	1-11
Lindgren Library 54-200 253-5679	8:30-11	8:30-9	10-6	2-11
Microreproduction Laboratory 14-0551 253-5668	9-5	9-5	closed	closed
Music Library 14E-109 253-5689	8:30-11	8:30-9	9-8	1-11
NASIC 14SM-48 253-7746	9-5	9-5	closed	closed
Reserve Book Room 14N-132 253-5675	8-11	8-9	9-8	1-11
Rotch Library 7-238 253-7052	8:30-10	8:30-8	12-6	2-10
Rotch Visual Collections 7-304 253-7098	8:30-5:30	8:30-5:30	closed	closed
Science Library 14S-100 253-5671	8-11	8-9	9-8	1-11
Student Center Library W20-500 253-7050	Open 24 hours a day, seven days a week			
Von Hippel Materials Center Reading Room 13-2137 253-6840	8:30-6:30	8:30-4:30	closed	closed

All libraries, with the exception of the Student Center Library, are closed on Labor Day, Thanksgiving Day, Christmas Day, New Year's Day, and Independence Day. The Student Center Library closes only on Christmas Day and New Year's Day.

Special schedules are posted for hours during vacations, between-term periods, and on the following holidays: Columbus Day, Veterans Day, Martin Luther King, Jr.'s Birthday, Washington's Birthday, Patriots Day, and Memorial Day.

# Upcoming Dates to Note

(Clip and save)

(Following is a listing of some major events scheduled at MIT for the coming year. Because it is based on early scheduling information, it is not comprehensive and does not include regularly scheduled seminars and colloquia. Many of the events listed here will be announced more fully in advance in Tech Talk and all will be listed in further detail in the Institute Calendar. Another long-range calendar is planned for publication early in the second term.)

- September 18-20 International Conference on Solids and Plasmas in High Magnetic Fields sponsored by the Francis Bitter National Magnet Laboratory, Rm. 9-150.
- September 19 Jacob Kurtz Memorial Lecture to be given by Professor Ilan Blech at 4pm in the Little Theatre. Sponsored by the Department of Materials Science and Engineering.
- September 26 Underwood-Prescott Memorial Luncheon and Symposium. Morley M. Kare to receive the Underwood-Prescott Award. Sponsored by the Department of Nutrition and Food Science and the Wm. Underwood Company.
- September 27 Debate on the Bakke Decision, participants to be announced, sponsored by the Lecture Series Committee, 8pm, Kresge Auditorium.
- September 28-29 Sloan School Course XV Triennial Convocation of Alumni, 8:30am, Kresge Auditorium.
- October 12 Scanlon Plan Conference, Kresge Auditorium and Little Theatre, all day, sponsored by the Sloan School of Management.
- October 13-14 Alumni Officers Conference including the Robert H. Richards Alumni Lecture to be given by Dean Robert C. Seamans, Jr., of the School of Engineering.
- October 17 Industrial Liaison Symposium: "Recent Developments in Catalysis," chaired by Professor Richard G. Donnelly, Department of Chemical Engineering, 9am, Little Theatre.
- October 18-19 Superconducting MHD Magnet Design Conference, sponsored by the Francis Bitter National Magnet Laboratory, all day, Rm. 9-150.
- October 24 Annual Sea Grant Lecture presented by Erling Naess, Chairman of Intertanko, 3pm, Little Theatre.
- October 27-28 Fiftieth Anniversary Celebration of the Department of Meteorology, including presentation of the first Starr Memorial Lecture, Little Theatre and Rm. 10-250.
- October 31 Halloween Mystery Lecture sponsored by the Lecture Series Committee, 8:17pm, Rm. 10-250.
- October 31-November 3 TCA-Red Cross Fall Blood Drive, Sala de Puerto Rico and Student Center West Lounge, hours to be announced.
- November 2 Annual Luncheon of the Honorary Technology Matrons, noon, Mezzanine Lounge.
- November 9 Industrial Liaison Symposium: "Cellulosic Biomass: Degradation and Utilization," chaired by Professor Daniel I.C. Wang, Department of Nutrition and Food Science, 9am, Little Theatre.
- November 20 Lecture by Isaac Asimov sponsored by the Lecture Series Committee, 8pm, Kresge Auditorium.
- December 5-9 MIT Press Annual Book Sale, Sala de Puerto Rico and West Lounge, hours to be announced.
- December 7 Industrial Liaison Symposium: "Electronic Materials and Devices," chaired by Professor David Adler, Department of Electrical Engineering and Computer Science, 9am, Little Theatre.
- December 12 Minta Martin Lecture to be given by Dr. Dean R. Chapman, Visiting Jerome Clarke Hunsaker Professor, sponsored by the Fluid Dynamics Research Laboratory, Rm. 10-250, 5pm.
- December 12 Quarter Century Club Christmas Get-together, 5pm, Sala de Puerto Rico.
- December 13-14 Industrial Liaison Symposium: "Research in Polymers at MIT," chaired by Professor Frederick J. McGarry, Department of Materials Science and Engineering, 9am, Kresge Auditorium.
- January 12 Martin Luther King, Jr., Birthday Observance, 12:30pm, Kresge Auditorium.
- January 18 Industrial Liaison Symposium, "Fluidized Combustion of Coal," chaired by Professor Janos M. Beer, Department of Chemical Engineering, 9am, Little Theatre.
- January 24 MIT College Bowl, sponsored by the MIT Libraries.
- March 15 and March 20 Killian Lectures presented by Dr. Morris Halle, Ferrari P. Ward Professor of Modern Languages and Linguistics and 1978 recipient of the James Rhyne Killian, Jr., Faculty Achievement Award, 4pm, Rm. 10-250.
- April 27-28 Massachusetts State Science Fair, all day, Rockwell Cage; Awards Presentation, April 28, 1pm, Kresge Auditorium.
- May 1 Abramowitz Concert, 8pm, Kresge Auditorium.
- May 5 Employees Open House, 10am-5pm.



**Secretary IV** to 3 faculty members in the Sloan School of Management will type general correspondence; answer phones, file; maintain course records; prepare course materials; type manuscripts including technical content; arrange travel. Good typing including some experience in technical typing required. Ability to work independently and to exercise initiative also necessary. B78-511 (9/6).

**Secretary IV** in the Laboratory of Architecture and Planning to manage document distribution systems; maintain mailing lists; prepare correspondence; answer inquiries for Program information; maintain project status records; perform all general secretarial duties. Strong organizational ability required as well as excellent secretarial skills. B78-519 (9/6).

**Secretary IV, part-time**, to 2 faculty members in Nutrition and Food Science to perform statistical as well as general typing duties; answer phones; maintain files; arrange travel. Will transcribe handwritten drafts as well as machine dictation. At least 1 year's secretarial experience required. 20 hrs/wk. B78-513 (9/6).

**Secretary IV** in the Center for Advanced Engineering Studies to assist 3 staff members; maintain billing system; schedule use of facilities; edit and type reports, correspondence; maintain account records; order supplies and equipment. Position requires at least 3 years' secretarial experience, good general secretarial, editorial skills required. B78-515 (9/6).

**Secretary IV, part-time**, to two Economics faculty members; type correspondence, course material; arrange appointments and travel; prepare course and registration materials. Good typing skill required as well as knowledge of or willingness to learn technical typing. 25 hrs/wk. B78-516 (9/6).

**Secretary IV** in the Mechanical Engineering Dept. to compose and/or type correspondence from machine dictation or verbal instruction; maintain records and files; assist in reports, catalogs and special projects; handle confidential materials. Excellent typing, organizational and interpersonal skills, command of English, ability to set priorities and to work under pressure required. B78-518 (6/28).

**Secretary III/IV** to faculty member and research staff in Meteorology to perform various secretarial duties and maintain a small departmental library. Will type correspondence, manuscripts which include technical material; record and shelve library material. Two or more years' secretarial experience required. Some college training preferred. B78-529 (9/13).

**Secretary III/IV, part-time**, to Chemical Engineering faculty member to transcribe machine dictation of correspondence, manuscripts; arrange travel and appointments; maintain files. Good organization and typing skills required. Knowledge of MIT helpful. 20 hrs/wk. Non smoking office. B78-531 (9/13).

**Secretary III/IV**, in the MIT Associates Program to assist 2 staff members in providing service to Program members (industrial firms). Will arrange travel; type letters and reports; perform all other general office routines. Excellent secretarial skills, ability to organize and carry out work independently required. Secretarial school training preferred. B78-536 (9/13).

**Secretary III-IV, part-time**, temporary, in Meteorology, to type and edit course material; reorganize filing system and maintain files; type correspondence; answer phones. Position involves student contact. Ability to exercise initiative, organization, and typing skills required. 20 hrs/wk., temporary for approximately 3 1/2 months. B78-522 (9/6).

**Secretary III/IV**, to several faculty members in the Mechanical Engineering Dept. to type correspondence; schedule appointments; arrange travel. Excellent typing skill, including technical typing, shorthand/machine transcription ability and knowledge of basic bookkeeping required. High school graduation with formal secretarial training or equivalent education and experience required. B78-167 (4/19).

**Secretary III, part-time**, in Earth and Planetary Sciences to provide secretarial support to a Visiting Professor and to an oceanography division. Will type varied material; mail reprints; order supplies; answer phones. Excellent typing skill, ability to type technical material required as well as flexibility for changing work assignments. 20 hrs/wk. Position is for academic year only. B78-535 (9/13).

**Sr. Library Asst. IV** in the Humanities Library, Serials section to process all new serials, periodicals and newspapers; maintain order file; claim and order missing issues; update serials lists. Will also perform duties related to bindery process; gather and prepare material for bindery; maintain records. Duties also include acting as information source to visitors. Accurate typing, 2 or more years' related work experience required. Reading knowledge of a foreign language helpful. B78-526 (9/13).

**Lib. Gen. Asst. III** in the Libraries Collection Development Department to check in journals and serials; record and process materials on visible files; process invoices; circulate sample issues. Will also search materials and perform related functions as required. Typing skill, capacity for detailed work required. College training and library experience preferred. B78-534 (9/13).

**Sr. Library Asst. V** in the Libraries to take responsibility for transfer of collections to storage and related clerical duties; schedule transfers; assist in planning organization of storage areas; conduct inventories; train student assistants; resolve processing problems. Library processing experience required. Strong organization skill also necessary. College training preferred. B78-514 (9/6).

**Library Asst. III** in the Libraries Circulation section to inspect charge dates of library material; provide information to visitors; write overdue notices; file cards; perform related clerical duties as necessary. High school graduation, or equivalent, required as well as clerical aptitude and ability to work for periods without supervision. B78-507 (9/6).

**Clerk III, part-time**, in the Office of the Dept. Head, Dept. of Architecture will type, file and provide other clerical support as necessary. Typing and organization skills required. 16 hrs/wk., 4 days, academic year only. B78-532 (9/13).

**Clerk III** in Medical Dept. Records Section to pull and file medical records; assist with maintenance of medical index; answer phones. Position requires ability to work in a busy setting and on one's feet all day. Demonstrated ability to handle clerical duties required. 37 1/2 hrs/wk. B78-544 (9/13).

**Keypuncher III** in Physical Plant, Administrative Services section to keypunch accounting information onto Infocore keyboard equipment or IBM 129. Will also handle clerical functions. High school graduation, or equivalent, at least 6 months' working experience on Infocore or IBM equipment required. Other clerical skills, including typing, helpful. B78-537 (9/13).

**Cashier III** in the Comptroller's Accounting Office to distribute checks and advances. Ability to deal effectively with people, facility with figures, and at least 1 year's experience required. B78-538 (9/13).

**Keypunch Operator III** in the Medical Dept. to assist in all phases of data processing, including clerical duties. Keypunching and verifying experience is necessary. Will use Infocore 3000 equipment. B78-545 (9/13).

**Sr. Clerk IV, Asst. Designer**, in the M.I.T. Press, to design books and jackets; check page proofs; mark up manuscripts; design and paste up ads or alter promotional material. A BFA degree is required with a major in graphic design. B78-512 (9/6).

**Tech. Typist IV, Mag Card Operator**, in Economics to type technical manuscripts, general correspondence and other material as necessary. Ability to operate Mag Card II and to type technical material required. B78-518 (9/6).

**Clerk III, part-time**, in the President's Office, to xerox, sort and deliver mail; file. Applicants must have the ability to handle detail with a high degree of accuracy and to exercise discretion. 2 hrs/day (afternoon, M-F). B78-504 (9/6).

**Hourly, Bus Person, part-time** in the Faculty Club to bus trays and unload to dish rack; clear and reset tables; serve banquets; rearrange tables and chairs for special functions. Applicants must be 18 years of age or older. 20 hrs/wk. (M-F, 12:00-4:00PM). H78-148 (9/13).

**Hourly, Gallery Attendant/Guard** in the Committee on the Visual Arts, to check and activate gallery security systems; oversee safety and security of exhibit materials and of general exhibition area; answer visitor questions. Excellent judgment and interpersonal skill required. Z78-2 (9/13).

**Hourly, Waiter/Waitress** in the Faculty Club to take members' orders; pick up food in kitchen and serve to members; clear and reset tables and perform other duties relating to dining room service. Applicants must be at least 18 years of age, and able to speak and read English. 20 hrs/wk., 11 AM-3PM, Non-Fri, with some weekend shifts possible. H78-127, H78-149 (8/16).

**Hourly, Waiter, Waitress, Part-time**, in the Faculty Club to take orders; pick up and serve food; reset tables and perform related duties. Must be able to read and speak English and be at least 18 years of age. 20 hrs/wk., 11 a.m.-3 p.m., M-F. May include weekend work. H78-145 (9/6).

**Hourly, Cook's Helper**, in the Food Service to prepare food; stock and set up work station; maintain a clean and sanitary work station; handle related duties as necessary. Applicants must be able to read and speak English, and to compute increase or decrease of standard recipes. Experience in quantity food preparation necessary. H78-138 (9/6).

The following positions 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, Systems Programmer, Information Processing Serv. (2/16)  
 A77-86, Systems Programmer, Information Processing Serv. (1/11)  
 A78-14, Asst. Dir., MIT Associates Program (4/12)  
 A78-20, Admin. Staff, Alumni Association (5/3)  
 A78-22, Admin. Staff, Student Financial Aid Office (5/10)  
 A78-27, Admin. Staff, Auditor, Audit Division (6/7)  
 A78-30, Admin. Staff, Design Manager, MIT Press (6/7)  
 A78-38, Admin. Staff, Systems Programmer, Information Processing Services (8/30)  
 A78-44, Admin. Staff, Industrial Liaison Officer (8/30)  
 A78-49, Admin. Staff, Financial Aid Officer (8/30)  
 A78-51, Admin. Staff, Sr. Consultant-Trainer, Personnel Development (8/30)  
 A78-53, Admin. Staff, Director of Video Operations & Educational Video, Office of Provost (8/30)  
 A78-54, Admin. Staff, Asst. to the Director, Career Planning & Placement (8/30)  
 A78-55, Admin. Staff, Admin. Officer, Lab. of Architecture & Planning (9/6)  
 A78-56, Admin. Staff, Asst. Director, Resource Planning (9/6)  
 A78-57, Admin. Staff, Property Auditor, Supervisor, Office of Facilities Management (9/6)  
 A78-58, Admin. Staff, Property Administrator, Office of Facilities Management (9/6)  
 A78-59, Admin. Staff, Data Base Manager, Office of Facilities Management (9/6)  
 A78-60, Admin. Staff, Asst. to Dean, Dean for Student Affairs (9/6)

- BIWEEKLY:**  
 B77-655, Sec. IV, Chemical Engineering (11/16)  
 B78-129, Sec. IV, Biology (4/12)  
 B78-139, Sec. IV, Physics (7/12)  
 B78-154, Sec. III/IV, Lab for Nuclear Science (7/26)  
 B78-160, Sec. IV, Center for Policy Alternatives (4/19)  
 B78-165, Sr. Acctg. Clerk IV, Sloan School (7/26)  
 B78-166, Sec. III/IV, Student Financial Aid Office (4/19)  
 B78-167, Sec. III/IV, Mechanical Engineering (4/26)  
 B78-178, Sec. IV, Provost's Office (4/26)  
 B78-185, Account Rep. V, Administrative Computer Serv. (4/26)  
 B78-275, Sec. IV, Harvard-MIT Division of Health Sciences & Technology (6/7)  
 B78-293, Sec. IV, Medical Dept. (6/21)  
 B78-302, Sec. IV, Resource Development (7/12)  
 B78-306, Sec. IV, Research Laboratory of Electronics (7/12)  
 B78-314, Sec. IV, Libraries (7/12)  
 B78-317, Sec. IV, Center for Transportation Studies (7/12)  
 B78-328, Sec. IV, Humanities (8/16)  
 B78-329, Sec. IV, Part-time, Medical Dept. (7/26)  
 B78-343, Secretary IV, Energy Lab (7/26)  
 B78-349, Editorial Asst. IV, Center for Transportation Studies (7/26)  
 B78-357, Sec. IV, Aero/Astro Dept. (8/16)  
 B78-371, Sec. IV/Admin. Asst. V, Provost's Office (8/16)  
 B78-380, Tech. Asst. V, Division of Lab. Animal Medicine (8/16)  
 B78-382, Sec. V, Physics (8/16)  
 B78-387, Sec. IV, Material Science & Engineering (8/16)  
 B78-392, Sec. IV, Division for Study & Research in Education (8/16)  
 B78-397, Sec. IV, Biology (9/6)  
 B78-407, Sec. IV, Lab. of Architecture & Planning (8/30)  
 B78-414, Sr. Clerk/Keypunch Operator III, Temporary, Office of Personnel Services (8/30)  
 B78-423, Sec. III, Sloan School of Management (8/30)  
 B78-428, Sec. III/IV, Energy Laboratory (8/30)  
 B78-429, Sec. IV, Center for Policy Alternatives (8/30)  
 B78-431, Sec. IV, Division of Health Sciences & Technology (8/30)  
 B78-432, Sr. Clerk IV, Medical Dept. (8/30)  
 B78-435, Lib. Asst. III, Libraries (9/6)  
 B78-436, Sec./Receptionist III, Math Headquarters (8/30)  
 B78-438, Sec. III/IV, Lab. for Computer Science (8/30)  
 B78-440, Sr. Clerk IV, Alumni Records Office (8/30)  
 B78-445, Sec. IV, Center for Space Research (8/30)  
 B78-453, Sec. IV, Nutrition & Food Sciences (8/30)  
 B78-454, Clerk III, Resource Planning & Development Office (8/30)  
 B78-494, Sec. IV, Patent & Copyright Office (8/30)  
 B78-457, Sec. IV, Lab. for Computer Science (9/6)  
 B78-458, Serv. Asst. II, Earth & Planetary Science (9/6)  
 B78-459, Sec. III/IV, Center for Material Science (9/6)  
 B78-462, Clerk III, part-time, Naval Science (9/6)  
 B78-464, Clerk III, Registrar (9/6)  
 B78-465, Sec. IV, Architecture (9/6)  
 B78-468, Sec. V, Psychology (9/6)  
 B78-472, Sec. III, Office of Facilities Management Systems (9/6)  
 B78-473, Sec. III, Career Planning & Placement (9/6)

- B78-474, Clerk Typist IV, Resource Planning & Development (9/6)  
 B78-480, Sec. IV/V, Physics Dept. (9/6)  
 B78-483, Sec. IV, Lab. for Computer Science (9/6)  
 B78-484, Sec. IV, Civil Engineering (9/6)  
 B78-485, Sec. III/IV, Ocean Engineering (9/6)  
 B78-488, Sec. III/IV, Arteriosclerosis Center (9/6)  
 B78-489, Sec. IV, Ocean Engineering (9/6)  
 B78-490, Sec. III/IV, Ocean Engineering (9/6)  
 B78-491, Diet Aid II, Clinical Research Center (9/6)  
 B78-493, Sec. IV, Medical Dept. (9/6)  
 B78-495, Sec. III, Office of Dean, Architecture (9/6)  
 B78-496, Serv. Asst. III, Sloan School (9/6)  
 B78-498, Asst. Computer Operator III, Administrative Computing Services (9/6)  
 B78-500, Acctg. Asst. V, Medical (9/6)  
 B79-501, Sec. IV, Career Planning & Placement (9/6)  
 B78-502, Tech. Asst. IV, part-time, Psychology (9/6)

- ACADEMIC STAFF:**  
 C78-5, Asst. Eng. Librarian, Engineering Library (4/5)  
 C78-6, Asst. Eng. Librarian, Engineering Library (4/5)  
 C78-9, Asst. Science Librarian, Libraries (4/19)  
 C78-12, Acad. Staff, Technical Instructor, Mechanical Engineering (6/7)  
 C78-14, Acad. Staff, Librarian, Part-time, Libraries Exchange & Gifts Sections (5/10)  
 C78-17, Acad. Staff, Research Associate (7/12)  
 C78-18, Acad. Staff, Nurse Practitioner/Physician Asst. (7/12)  
 C78-19, Acad. Staff, Archival/Manuscript Specialist, Libraries (7/12)  
 C78-20, Acad. Staff, Archival/Manuscript Specialist, Libraries (7/12)  
 C78-21, Acad. Staff, Archival/Manuscript Specialist, Libraries (7/12)  
 C78-22, Acad. Staff, Asst. Librarian, Libraries (8/16)  
 C78-23, Acad. Staff, Marketing Representative, Medical Dept. (8/30)

- EXEMPT:**  
 E77-54, Exempt, Eng. Asst., Center for Material Science (7/12)  
 E77-56, Estimator/Scheduler, Physical Plant (11/9)  
 E78-19, Eng. Asst., Earth & Planetary Science (5/3)  
 E78-24, Exempt, Food Production Supervisor, Food Service (6/7)  
 E78-27, Exempt, Admin. Asst., Libraries, Micro-reproduction Lab (6/14)  
 E78-35, Exempt, Tech. Supervisor, Physical Plant/Telecommunications Dept. (8/16)  
 E78-36, Exempt, Principal Operator, Physical Plant (8/16)  
 E78-40, Exempt, Undergraduate Research Opportunity Program Office (8/30)

- HOURLY:**  
 H77-89, HVAC, Designer/Draftsperson, Physical Plant (10/5)  
 H78-23, Machinist A, Nutrition & Food Science (3/8)  
 H78-64, Sr. Technician, National Magnet Laboratory (5/31)  
 H78-95, Sr. Technician, Gas Turbine & Plasma Dynamics Lab. (9/6)  
 H78-99, Sheet Metal Worker, Physical Plant (7/26)  
 H78-100, H78-101, Painter, Physical Plant (7/26)  
 H78-106, Sr. Technician Electronic, National Magnet Lab. (8/16)  
 H78-115, Audio Visual Operator B, Graphic Arts (8/30)  
 H78-137, Technician B, Center for Advanced Engineering Studies (9/6)

- SPONSORED RESEARCH STAFF:**  
 R77-53, Spons. Res. Staff, Res. Lab. of Electronics (4/12)  
 R77-79, Postdoc. Res., Physics, Lab. for Nuclear Science (5/4)  
 R77-91, Sr. Accelerator Physicist, Lab. for Nuclear Science (5/18)  
 R77-97, Chemical Engineer, Energy Laboratory (6/1)  
 R77-112, Spons. Res. Staff, National Magnet Lab. (8/16)  
 R77-137, Experimental Physicist, Bates Linear Accelerator (8/31)  
 R77-161, Elec. Engineer, Mechanical Engineering (9/7)  
 R77-201, Prog./Data Analyst, Earth & Planetary Science (10/26)  
 R77-209, Res. Scientist, Energy Laboratory (11/30)  
 R77-211, Computer Systems Design, Lab. for Computer Science (12/7)  
 R77-212, Prog. Language Design, Lab. for Computer Science (12/7)  
 R77-213, Computer Software Design, Lab. for Computer Science (12/7)  
 R77-228, Plasma Physicist, Res. Lab. of Electronics (1/4)  
 R77-230, Computer Software Designer, Lab. for Computer Science (1/11)  
 R78-18, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-19, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-20, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-21, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-22, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-28, Theoretical Physicist, Lab. for Nuclear Science (2/22)  
 R78-55, Staff Scientist, Arteriosclerosis Center (4/5)  
 R78-58, Spons. Res. Staff, National Magnet Laboratory (4/12)  
 R78-60, Combustion Engineer, Energy Lab. (4/12)  
 R78-64, Spons. Res. Staff, Earth & Planetary Science (4/12)  
 R78-68, International Energy Economist, Energy Laboratory (4/12)  
 R78-70, Energy Analyst, Energy Laboratory (4/12)  
 R78-73, Computer Programmer, Energy Laboratory (5/10)  
 R78-79, Spons. Res. Staff, Mechanical Engineer (4/19)  
 R78-81, Spons. Res. Staff, Lab. for Nuclear Science (4/19)  
 R78-82, Spons. Res. Staff, Lab. for Nuclear Science (4/19)  
 R78-83, Spons. Res. Staff, Lab. for Nuclear Science (4/19)  
 R78-84, Spons. Res. Staff, Lab. for Nuclear Science (4/19)  
 R78-85, Technical Asst., Nutrition & Food Science (4/19)  
 R78-93, Res. Engineer, Civil Engineering Dept. (5/10)  
 R78-101, Spons. Res. Staff, Lab. for Nuclear Science (5/31)  
 R78-102, Spons. Res. Staff, Lab. for Nuclear Science (5/31)  
 R78-103, Spons. Res. Staff, Lab. for Nuclear Science (5/31)  
 R78-104, Physicist, Temp., Lab. for Nuclear Science (6/7)  
 R78-105, Physicist, Temp., Lab. for Nuclear Science (5/31)  
 R78-108, Programmer, Temp., Res. Lab. of Electronics (5/31)  
 R78-110, Spons. Res. Staff, Part-Time, Sea-Grant College Program (5/31)  
 R78-113, Spons. Res. Staff, Sloan School of Management (7/12)  
 R78-117, Spons. Res. Staff, Temp., Economics Dept. (7/12)  
 R78-119, Theoretical Plasma Physicist, National Magnet Laboratory (7/12)  
 R78-120, Spons. Res. Staff, National Magnet Laboratory (7/12)  
 R78-122, Spons. Res. Staff, Electrical Systems

# Student Wage Schedule Increased

Effective September 11, 1978, MIT is implementing a \$3.05 per hour minimum wage for all phases of student employment.

The following schedule reflects this increase and provides minimum rates for other Institute employment. Employers are free to adjust these minimums upward to reflect the skills and services that the MIT student employee delivers. Rate increases are not scheduled but employers should consider increases upon the basis of merit, longevity and changing job responsibilities. Raises may be made at any time.

The student pay rate schedule will be reviewed annually; recommendations to update the schedule should be made to the Student Employment Office.

Any questions regarding this schedule should be forwarded to the Student Employment Office, Rm. 5-119, x3-4973.

MIT STUDENT STARTING PAY RATES			
OPERATIONAL		ADMINISTRATIVE	TECHNICAL
Housing		Messenger	General
Desk	\$3.05	Clerical	Lab Aide
Housekeeping	3.20	Typist/Clerical	Technician
Patrol	3.55	Typist/Secretarial	Research Aide
Library		Administrative Aide	Researcher
Desk	3.05	Staff Assistant	
Stacker	3.20	Project Supervisor	
Dining		PARTICULAR SKILLS	COMPUTER
Staffman	3.15	Bartender	Keypuncher
Pot Washer	3.30	Tutor	General Programming
Cashier	3.30	Lifeguard	Operator
Physical Plant		Photographer	Data Analysis
Grounds	3.15	Drafting	
Maintenance	3.80		
Graphic Arts			
Operational	3.50		
Layout	3.50		
Illustration	3.50		

# ADP XII Seeks Applications

The Office of Personnel Development is now accepting applications for participation in the Administrative Development Program—ADP XII. The program, open to all faculty, staff, and exempt employees of the Institute, provides professional development for those with administrative and management responsibilities at MIT.

The program is taught in two sections: organizational psychology and financial management. Each section presents academic concepts, theory, and research with particular emphasis on material that has potential for practical application within the Institute's departments and organizations. More than 250 people have completed the ADP to date.

Those interested in participating in the ADP XII will be asked to attend an information panel ses-

sion. During these sessions, former ADP participants will describe course structure and content, share their own ADP experiences, and answer questions. Course descriptions and application forms will also be available. There will be four panel sessions scheduled September 21 through 26. Prospective applicants may call Vera Ballard, program administrator, at x3-4277 to sign up to attend an information panel session.

Applications for the ADP XII must be received in the Office of Personnel Development, E18-320, by Friday, Sept. 29. The ADP selection committee will choose participants according to criteria designed to achieve a heterogeneous group from Institute departments, laboratories and centers.

The first class of the organizational psychology section will be held on Wednesday, Oct. 11, from 1:30pm to 5:00pm in Room E18-320. The section will meet every Wednesday for 10 weeks and will be taught by Drs. Adam and Maureen Yagodka from the Office of Personnel Development. The instructors and schedule for the financial management section, to be held in the spring of 1979, will be announced at a later date.

For those now enrolled in the ADP XI, the financial management section will begin on Tuesday, Oct. 10, from 9:00am to 12noon, in Room E18-320. Classes will continue on Tuesday mornings for 10 weeks. Instructors for this section include Dr. Zvi Bodie, assistant professor of finance and economics in the School of Management at Boston University, and Mr. George Prendergast, assistant director of the Office of Sponsored Programs, along with other members of MIT's financial administration.

# Edgerton Cited By Marine Group

The Marine Technology Society has presented its 1978 Lockheed Award for Marine Science and Engineering to Dr. Harold E. Edgerton, Institute Professor, Emeritus, citing his pioneering efforts in the fields of stroboscopy and ultra-high speed photography.

Professor Edgerton accepted the award Sept. 8 at the society's annual meeting, held in Washington, D.C. The society said it was honoring the internationally known MIT professor for his efforts "in the related fields of stroboscopy and ultra-high speed photography, for designing unique watertight cameras and lighting systems for exploring the sea floor in both the unmanned and manned mode, and for developing sonar devices for use in positioning equipment in the sea, underwater archaeological exploration and definition of the sub-bottom structure as a tool in geological research."

- The following positions have been FILLED since the last issue of Tech Talk:  
 H78-103 Hourly  
 H78-124 Hourly  
 H78-129 Hourly  
 H78-122 Hourly  
 H78-132 Hourly  
 B78-345 Sec. IV  
 B78-497 Sec. IV/V  
 E78-39 Admin. Asst.  
 B78-451 Tech. Asst.  
 B78-374 Sec. IV  
 B78-441 Sec. III (pt)  
 B78-400 Sr. Clerk III  
 B78-326 Sec. IV  
 B78-416 Sec. IV  
 B78-396 Clerk III

- The following positions are on HOLD pending further decision:  
 B78-389 Sec. V  
 B78-315 Sr. Clerk IV  
 H78-134 Hourly  
 H78-131 Programmer  
 H78-136 Campus Patrol Officer  
 B78-142 Spons. Res. Staff  
 B78-492 Receptionist III  
 B78-460 Sr. Sec. V  
 H78-146 Campus Officer

# Goldblith Named Vice President For Resource Development

(Continued from page 1)

formance as Director of the Industrial Liaison Program, we are confident Professor Goldblith will be able to carry the Campaign to its goal of \$225 million by April of 1980."

Professor Goldblith said the loss of General Lampert was keenly felt by his colleagues within the Institute as well as associates throughout the world.

"The reasons for the Campaign, however, remain just as valid now as they were when we undertook the effort," he said. "The future of MIT as a dynamic and vibrant institution of leadership at the national and international levels depends in no small way on our ability to marshal now the new private resources we have set as our Campaign goal," he said. "As I have in the Industrial Liaison Program, I expect to rely heavily upon my many faculty colleagues for their advice, support and participation as we seek together to bring this Campaign to a successful conclusion."

Professor Goldblith has been associated with MIT for more than 40 years. A native of Lawrence, Mass., he graduated from Lawrence High School and entered MIT as a freshman in the fall of 1936. He received the SB degree from the Institute in 1940 and began his professional career with Arthur D. Little, Inc., Cambridge.

Commissioned as Army lieutenant through MIT's Reserve Officer Training Corps (ROTC), Professor Goldblith was called to active duty in the fall of 1941 and was assigned to an Aviation Engineer Battalion that was sent to join the forces of General Douglas MacArthur in the Philippines just before the outbreak of World War II. When war came and the Philippines fell, Professor Goldblith was made a prisoner by the Japanese, survived the infamous Bataan Death March and spent 41 months as a prisoner of war. He was awarded the Silver Star for Gallantry-in-Action at Bataan and was discharged in 1946 with the rank of Captain.

(By coincidence, there were two Aviation Engineer Battalions in the Philippines in the fall of 1941 when Professor Goldblith was first sent there and General Lampert,

then a Captain, was executive officer of the other.)

Following military service, Professor Goldblith resumed his graduate studies at MIT, receiving the SM degree in food technology in 1947 and the PhD in food technology in 1949. He served as a research associate at the Institute from 1949 to 1952 when he was made assistant professor. He became associate professor in 1955 and professor in 1959. He served as acting head of the department 1959-61, executive officer of the department 1961-67, deputy head 1967-73, and associate head until 1974 when he became director of the Industrial Liaison Program. He was appointed to the distinguished chair of Underwood-Prezcott Professor of Food Science in 1974, an appointment he still holds.

Professor Goldblith is a widely known authority on the preservation of foods through freeze dehydration and radiation processing as well as the effects of microwave processing on foods. He is the author or co-author of more than 300 journal articles and the author, co-author, editor or co-editor of several major scientific books dealing with food preservation, processing and human nutrition.

The Industrial Liaison Program that Professor Goldblith has directed at MIT since 1974 was established more than 30 years ago as a mechanism through which major industrial organizations from throughout the world are able to provide significant support for MIT's broad programs in teaching and research in diverse areas of science and technology and, at the same time, remain abreast of developments in the fields of special interest to them. One of the objectives set forth in the continuing \$225 million Leadership Campaign was to double from 100 to 200 over the five-year Campaign period the number of companies participating in the Program and, under Professor Goldblith's direction, that goal is already close to realization.

Professor Goldblith is a long-time member of the Institute of Food Technologists, receiving the IFT's Monsanto Presentation Award in 1953, Babcock-Hart

Award 1969, and Nicholas Appert Award 1970. He was among the first group of scientists named Fellows of the IFT in 1970. He received the Food Scientist Award of the IFT's Philadelphia Section in 1976 and the Distinguished Food Scientist Award from IFT's New York Section in 1969.

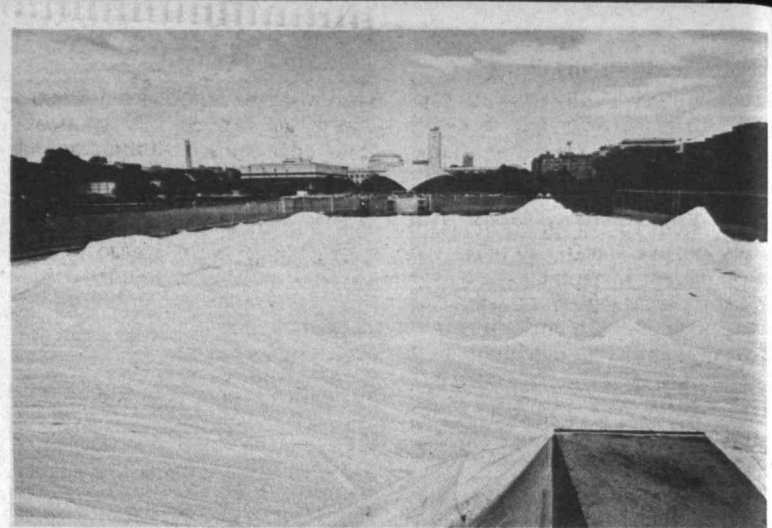
In addition, he has been a Fellow of the Institute of Food Science and Technology of the United Kingdom since 1974, and a trustee and member of the executive committee of the Nutrition Foundation since 1970.

From 1973 to 1976, he was chairman of the Committee on Food Science and Technology of the Food and Nutrition Board of the National Academy of Science/National Research Council and from 1962 to 1967 was a member of the NAS/NRC US-Argentina Scientific Commission of Foot-and-Mouth Disease.

Professor Goldblith has served the federal government in a variety of capacities. He was a member of the Food Manufacturing and Processing Panel and the Panel on New Foods for the White House Conference on Food, Nutrition and Health in 1969. He was a member of the President's Science Advisory Committee's Panel on World Food Supplies and chairman of its Subpanel on Increasing High Quality Protein 1966-67. He was a member of the US Atomic Energy Commission team that participated in Japanese conferences on radioisotopes in 1961, 1964, 1966 and 1967. He also has served as an advisor to several government agencies and organizations including committees of the US Congress and the Quartermaster Corps of the US Army.

He is widely known throughout the commercial food industry, serves frequently as a consultant to numerous companies in the industry, and is a director of several such firms.

Professor Goldblith is married to the former Diana L. Greenberg of Lowell, Mass. They have two children, Mrs. Richard D. (Judith) Clark and Jonathan M. Goldblith, both of Melrose, and two grandchildren. Professor and Mrs. Goldblith have lived in Melrose since 1949.



GOOD NEWS for MIT tennis players came last week in the form of a new bubble to replace the one the Winter of '78 demolished.

—Photo by Calvin Campbell

## Herbert Bridge to Head Center for Space Research

(Continued from page 1)

carried out uniquely qualify him to assume this responsibility."

Dr. Bridge said: "I look forward to taking on the directorship and working on the development of a space research program that aims at balance between science and engineering."

Under Professor Bridge's direction, the Space Plasma Group of the Center for Space Research has flown 14 instruments on various spacecraft since 1960 to explore the tenuous clouds of plasma, or ionized gas, that spew out continuously from the sun and stream through the solar system at high velocity. Most recently, the group designed and developed a plasma measuring instrument that is one of 11 scientific experiments aboard NASA's Mariner Jupiter/Saturn/Uranus spacecraft now on an eight-year journey to those planets.

In addition to these studies in interplanetary plasma physics, work at the MIT Center includes an extensive research program in X-ray astronomy, along with experiments in infrared and optical astronomy, studies of the human vestibular system in the environment of space, research on space structures, and theoretical studies in astrophysics.

Dr. Bridge was born in Berkeley, Calif., in 1919. He received a bachelor of science degree from the University of Maryland in 1941

and was a member of the research staff of Los Alamos Scientific Laboratory from 1943 to 1946.

He joined the Cosmic Ray Group headed by Professor Bruno Rossi in MIT's Laboratory for Nuclear Science in 1946. Dr. Bridge received the PhD degree in physics from MIT in 1950. He was appointed to the rank of professor in 1966.

During the academic year 1957-58, he was a visiting scientist at CERN, the European center for high energy physics research. He is a member of the American Geophysical Union.

Dr. Bridge and his family reside in Sudbury, Mass.

## Auditions Set

Several musical groups at MIT will be holding auditions early next week.

The MIT Jazz Band auditions will be held Sunday, Sept. 17, at 8pm in Kresge Auditorium. For more information, call Keith Reid, D1 5-7446.

On Monday, Sept. 18, auditions are scheduled for the MIT Choral Society in Rm. 6-120 at 7:30pm, and for the MIT Chamber Music Society in Kresge Rehearsal Room B from 7:30pm to 10pm. The Chamber Music Society asks that you bring a piece to play and your instrument, and be prepared to sightread. Also at 7:30 on Monday, the MIT Early Music Society will hold its first meeting in Rm. 4-159. All interested vocalists and instrumentalists are welcome.

The MIT Brass Ensemble auditions are on Tuesday, Sept. 19, from 6 to 8pm in Kresge Rehearsal Room B. Bring a piece to play and be prepared to sightread.

## 150 Expected At Conference

About 150 scientists from throughout the world are expected to attend the International Conference on Solids and Plasmas in High Magnetic Fields to be held at MIT Monday, Sept. 18, 1978, through Thursday, Sept. 21, 1978.

The conference, which will celebrate the 25th anniversary of the discovery of cyclotron resonance in solids, will present up-to-date reviews of recent and current research in the fields covered by the conference topic. Papers will also focus on the future uses of high magnetic fields in science and technology.

Principal speaker at the conference banquet on Tuesday, Sept. 19, 1978, will be Dr. James A. Krumhansl, assistant director of the National Science Foundation for mathematical and physical sciences and engineering. He will be introduced by Dr. Thomas F. Jones, Jr., MIT vice president for research.

Co-chairmen of the organizing committee for the conference are Dr. Roshan L. Aggarwal, senior research scientist in the MIT Department of Physics and associate director of MIT's Francis Bitter National Magnet Laboratory, and Professor Arthur J. Freeman, of Northwestern University. Dr. Brian B. Schwartz of the National Magnet Laboratory is chairman of the program committee.

## James Champy to Resign Alumni Association Post

(Continued from page 1)

Jr., '47, President, Harley & Aldrich, Inc., Cambridge, who can also be addressed at 91 Rollingwood Lane, Concord, MA 01742, (617) 969-9140.

Norman B. Leventhal '38, General Partner, The Beacon Companies, One Center Plaza, Boston 02108, (617) 742-5500.

Thomas H. Farquhar '60, Vice President, Massachusetts Financial Services, Inc., 200 Berkeley St., Boston 02116, (617) 423-3500.

Philip H. Peters '37, Senior Vice President-Group Operations, John Hancock Mutual Life Insurance Co., Hancock Place, Boston 02117, (617) 421-6000.

Dr. Emily Wick '51, Dean of the Faculty, Mary Lyon Hall, Mount Holyoke College, South Hadley, MA 01075, (413) 536-8168.

Breene M. Kerr '51, H-K Corporation, City Center Bldg., Main St. and Broadway, Oklahoma City, OK 73102, (405) 232-0551.

Dr. Sylvester J. Gates '73, Lyman Laboratory of Physics, Harvard University, who can be addressed at Apt. 14, 16 Trowbridge St., Cambridge 02139, (617) 661-1697.

Mr. Champy will become vice president and general counsel at Index Systems, Inc., Cambridge, a consulting firm specializing in applications of computer systems for financial institutions. Mr. Champy was one of the founders of the firm in 1969. He left ISI in 1971 to enter the practice of law and to

direct family business interests in his hometown of Lawrence, MA, prior to becoming Alumni Association Executive Vice President in 1975. Since 1971, he has continued as a director of ISI.

Mr. Champy grew up in Lawrence where he graduated from Lawrence High School in 1959. He entered MIT that fall, receiving the SB degree in civil engineering from the Institute in 1963 and the SM degree in the same field in 1965. While a graduate student, he taught computer subjects in civil engineering. He received the LLB degree from Boston College Law School in 1968 and was admitted to the Massachusetts Bar that year.

Mr. Champy served the Institute in a variety of capacities before his election as Alumni Association Executive Vice President. He was elected to a five-year term on the MIT Corporation, the Institute's governing body, in 1969 and was re-elected to a second term in 1974 (which term, under the MIT charter, he resigned upon becoming an alumni staff member).

In addition, he served on the Corporation Joint Advisory Committee on Institute-wide Affairs from its beginnings in 1969 and was its chairman from 1971 to 1975 when he joined the alumni staff. He also has been a member and chairman of the Corporation's Mathematics Visiting Committee and the Visiting Committee for Student Affairs, has been president of his Class and a member for the Institute's Alumni Advisory Council.

Mr. Champy makes his home in Cambridge.

## '78 United Way Campaign Scheduled to Begin Sept. 25

The annual United Way drive at MIT will be launched Monday, September 25, when more than 100 solicitors will begin distributing pledge cards to all members of the community.

Goal of this year's drive is \$140,000 at MIT, an increase of 15 per cent over the \$121,000 raised last year. A second goal is to increase participation by 15 per cent over the 2,627 persons who gave last year.

Also this year for the first time in several years, MIT people will have an opportunity to aid the minority community by making additional gifts to the Boston Black United Fund. The BBUF, an affiliate of the National Black United Fund, was incorporated a year ago and is conducting its first campaign this year. Separate cards will be distributed for the BBUF appeal.

The Massachusetts Bay United Way is stressing increased contributions this year, according to Philip A. Stoddard, vice president for operations, who is chairman of the campaign at MIT.

"We want to stress participation," he said. "If we can increase participation by 15 per cent, the dollars will take care of themselves.

"If many who feel they can afford only a dollar or two, or five, will give these amounts, the total contribution from the MIT community will improve accordingly," Mr. Stoddard said.

The Massachusetts Bay United Way supports 162 human care agencies that provide service to

650,000 people living in the 86 cities and towns within the area. The area stretches from Cohasset and Scituate on the south shore through Franklin and Acton to the west and on up to Boxford and Topsfield to the north.

The inclusion of the Boston Black United Fund follows by several years MIT's participation in the United Black Appeal, a funding organization which no longer exists. The decision to include BBUF was made on the recommendation of a subcommittee to the Advisory Committee on Greater Boston Charities which oversees the United Way campaign.

BBUF was organized to support and develop black institutions, businesses and agencies. Its present priorities are directed in areas of economic development, employment, community agencies and education.

## Women's Forum

Gisela Erler, an active German feminist and book publisher, will discuss the relationship between daycare and the politics of feminism at the first fall meeting of the Women's Forum, to be held from noon to 1pm in the Bush Room on Monday, Sept. 18.

The Women's Forum is an informal organization which meets periodically throughout the academic year. All members of the MIT community are welcome at the lunchtime (bring your own) meetings for lectures or discussions of issues of interest to women at MIT and elsewhere.