



LATEST WORD on what's new in Independent Activities Period is posted on the IAP panels in the Rogers Lobby, where crowds gather daily to check out the listings.

Jerome H. Holland to Speak At King Day Observance

The Honorable Jerome H. Holland, former ambassador to Sweden and a member of the MIT Corporation, will be the keynote speaker at the annual Martin Luther King, Jr., observance at MIT on Friday, Jan. 13.

Dr. Holland, a distinguished American educator, administrator and humanitarian, is presently a director of the New York Stock Exchange. A 1939 graduate of Cornell University, where he was an All-American end in football, Dr. Holland received the MS degree in 1941 from Cornell and the PhD degree in sociology in 1950 from the University of Pennsylvania.

From 1953-60 Dr. Holland was president of Delaware State College. In 1960 he was named president of Hampton Institute where he served until becoming ambassador to Sweden in 1970.

Dr. Holland was elected to the MIT Corporation in 1969 and re-elected in 1974. He serves on the Corporation Visiting Committees for the Department of Humanities and Student Affairs and was chairman of the latter from 1972-76. He formerly served on the Visiting

Committee for the Center for International Studies.

Dr. Holland is a corporate director of a number of major com-

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Dr. Holland

TAX CHANGES

F.I.C.A. (SOCIAL SECURITY TAX)

Effective with January, 1978 pay checks the F.I.C.A. deduction has been increased from 5.85 per cent to 6.05 per cent. This deduction will continue with each check until the taxable salary reaches \$17,700.00 at which point the total deduction will be \$1,070.85. These increases apply both to employees and to MIT's matching amount.

SICK PAY EXCLUSION

The \$100 per week sick pay exclusion allowed in previous years is no longer excludable from both Federal and Massachusetts incomes.

For taxable years beginning after December 31, 1976, a maximum exclusion of \$100 per week, up to \$5,200 per person per year (\$10,400 on a joint return) is available only to a person under 65 who has retired on disability and who is permanently and totally disabled. This is defined as "unable to engage in any substantial physical activity because of a medically determined physical or mental impairment which can be expected to result in death or can be expected to last for a continuous period of 12 months or more."

The revised exclusion begins to phase out on a dollar-for-dollar basis when a person's "adjusted gross income"—including disability income—is more than \$15,000 and completely vanishes when his adjusted gross income is more than \$20,200.

Further information may be obtained by requesting Publication 522-Exclusion for Sick Pay or Disability Income from your local Internal Revenue Service Center.

Holiday Notice

In observance of the birthday of Dr. Martin Luther King, Jr., which falls on Sunday, Jan. 15, the Institute will be closed on Monday, Jan. 16. The usual pay practices applying to recognized Institute holidays will be in effect.

Deutch to Hold IAP Seminar

Dr. John M. Deutch, director of energy research in the newly created US Department of Energy (DOE), will deliver comments on energy research issues in the US at an Independent Activities Period seminar on Friday, Jan. 13.

"Energy Research Policy in the US" (No. 67), sponsored by the Department of Chemistry, will be held in Rm 6-120 from 4-5:30pm. Members of the MIT community are welcome to attend.

Dr. Deutch, on leave from MIT as professor of chemistry and head of the Department of Chemistry, officially assumed his new post in the Office of Energy Research on Thursday, Dec. 29, 1977. Dr. Deutch was nominated by President Carter in September and confirmed by the US Senate on Tuesday, Dec. 6, 1977. He is the first to hold the position.

LIS Announces Spring Courses

The Lowell Institute School, which offers inexpensive evening courses to technician-level students, has announced its course offerings for the spring term.

Subjects will include drafting, television systems, analog and digital electronics including microprocessors, applied math for electronics, metal joining, machine tools, technical illustration, photography, glassblowing, oral communication and technical and business writing.

Dr. Bruce D. Wedlock, director of LIS, said deadline for submitting applications is Wednesday, Jan. 25. Classes meet for 14 weeks, beginning Monday, Feb. 6, at 6:30pm.

A bulletin containing detailed course descriptions and application may be obtained from the Lowell School office, Rm 5-118, or by calling x3-4895.

Soviets, MIT Sign Management Pact

The United States and the Soviet Union have opened up a new area of cooperation—in the field of management education and research and executive development—as the result of a protocol agreement signed recently by MIT and the State Committee of the USSR Council of Ministers for Science and Technology.

The agreement was signed by MIT President Jerome B. Wiesner and by Jermen M. Gvishiani, deputy chairman of the State Committee and also director of a new institute of management in the Soviet Union, the Institute for Systems Analysis. The signings took place in December at MIT and in Moscow.

The agreement, believed to be the first of its kind between the two countries in the management field, states that one of its objectives is to strengthen friendly relations between the United States and the Soviet Union.

While the agreement provides a broad base for cooperation between scientists and specialists in the management field, the specific forms of cooperation will be described in a protocol to be worked out by an implementation committee. The committee is expected to complete its work by May. Professor William F. Pounds, Dean of the Sloan School of Management, will administer the agreement for MIT.

Projects under consideration include an exchange of scientists and specialists; an exchange of management and technical information and documentation; the joint development and implementation of programs and projects in the field of research, teaching and applied management research; joint research and devel-

opment, as well as the exchange of research results and experience; and the organization of joint courses and conferences.

Associate Dean Peter P. Gil of the Sloan School said the formal agreement stems from visits made to the USSR for the past ten years by students in the Sloan School's Sloan Fellows Program, and accompanying faculty.

The Sloan Fellows, young executives studying for master's degrees in management in a special 12-month program, travel abroad each year as part of the program.

"I take the Sloan Fellows to Russia every year, to Moscow and Leningrad, where they meet with industry and government people," Dean Gil said. "As the result of these contacts, eight Russian executives have been enrolled in the Sloan Fellows Program in recent years, including three this year. In fact, the Sloan School is the only management school in the United States where Russians are enrolled in a degree-granting program."

These contacts and exchanges, he said, have created a close relationship between the Sloan School and the State Committee of the USSR Council of Ministers for Science and Technology.

As an example of the kind of cooperation that can result from the protocol agreement, Dean Gil cited a hypothetical case in which the Soviet Union might be better at producing hydro-electric energy, while the United States might be better at distributing it. "If this were the case," he said, "then perhaps both sides could learn from one another in a full exchange of information and experiences."

J.L. Kinsey Appointed Head Of Chemistry Department

Dr. James L. Kinsey, professor and acting head of the MIT Department of Chemistry, has been named head of the department, effective Jan. 1, 1978. Dr. Robert A. Alberty, Dean of the MIT School of Science, has announced.

Professor Kinsey, an authority in studies of molecular beams and atomic and molecular collisions, succeeds Dr. John M. Deutch, who is on leave from the Institute as the first Director of Energy Research in the newly created US Department of Energy.

Dean Alberty said that "in view of Professor Kinsey's stature in the field of chemistry, the Institute is fortunate that he has accepted the responsibility for the department, especially on such short notice."

Professor Kinsey is a leader of studies of chemical kinetics aimed at determining the kinds of intermolecular forces, reactive processes that reflect variations in the forces, and the forms of reactant energy that are most effective in overcoming barriers to reaction. Most recently, his research efforts have focused on the use of

laser-induced fluorescence and crossed molecular beams to study the reactions of three- or four-atom systems—a detection method that can distinguish individual quantum levels of the molecules and provides a three-dimensional angle-velocity distribution of molecules.

Professor Kinsey served as vice-chairman of the 1972 Gordon Conference on the Dynamics of Molecular Collisions and as chairman of the 1974 conference. He was a visiting staff member from 1974 to 1977 of Los Alamos Scientific Laboratory, to which he is now a consultant. His many publications in his field include important contributions to the understanding of quantum chemistry.

Professor Kinsey has received numerous fellowships and honors. He was a Postdoctoral Southern Fellow in 1958-1959, a National Science Foundation Postdoctoral Fellow in 1959-1960, a Miller Research Fellow at the University of California from 1960 to 1962, an Alfred P. Sloan Fellow from 1964 to 1968, and a John Simon Guggenheim Fellow in 1969-1970.

Born in Paris, Texas, Professor Kinsey received the BA degree in 1956 and the PhD degree in 1959, both from Rice University. He was a postdoctoral fellow at the University of Uppsala, Sweden, in

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Professor Kinsey

Sloan Management Review Winter Issue Due Soon

The Freedom of Information Act as a business tool. . . A look at women MBAs. . . The role of the first-level supervisor. . . A new approach to information systems design. . . The use, or misuse, of inventory models. . . Illegal responses to union organization campaigns. . .

Articles on these and other subjects are included in the soon-to-be-published Winter 1978 issue of the *Sloan Management Review*, the professional management journal of MIT's Alfred P. Sloan School of Management.

In the lead article, "The Freedom of Information Act: Strategic Opportunities and Threats," three scholars from Stanford University note that the FOIA represents a potential management tool to gain competitive advantages, but add that managers must be alert to the "defensive as well as offensive implications" of the act. The authors are David B. Montgomery, professor of marketing and management science at Stanford's Graduate School of Business; Anne H. Peters, a doctoral candidate in organizational behavior at Stanford; and Charles B. Weinberg, associate professor of marketing at Stanford's Graduate School of Business.

Francine E. Gordon and Myra H. Strober, in their article, "Initial Observations on a Pioneer Cohort: 1974 Women MBAs," address a series of questions. Among them: Are women MBAs any more or less likely than their male counterparts to succeed as managers? How do their backgrounds and goals differ, and are these factors likely to create performance and salary differentials between men and women MBAs as their careers progress? Ms. Gordon, general manager of the California Actors Theatre in Los Gatos, holds the PhD from Yale and has been a consultant on the integration of women into management. Ms. Strober is assistant professor of economics at the Stanford University Graduate School of Business.

Researchers from the MIT Sloan School and industry analyze how first-level supervisors see themselves and their subordinates in the article, "The First-Level Supervisor: Still the Man in the Middle." Their study seeks to improve the effectiveness of behavioral science programs of training and organizational change through a better understanding of the beliefs of the first-level supervisor. The authors are James W. Driscoll, assistant professor of industrial relations at the Sloan School; Daniel J. Carroll, Jr., material distribution manager for the Western Electric Company; and Timothy A. Sprecher, general superintendent for the General Motors Assembly Division, Leeds Plant, Kansas City, Mo. Carroll and Sprecher hold SM degrees from the Sloan School.

In "The Evolution of an Information System: From Key-Man to Every Person," Henry C. Lucas, Jr., finds that many organizations are experiencing only limited success in implementing computer-based information systems. Lucas, associate professor of computer applications and information systems at the New York Uni-

Trilling Named Head of CEE

Professor Leon Trilling of the Department of Aeronautics and Astronautics, has been appointed the new head of the Committee on Engineering Education.

He succeeds Professor Kent F. Hansen of the Department of Nuclear Engineering, the first chairman of the committee, who resigned when he was proposed by President Carter for membership on the Nuclear Regulatory Commission. Other vacancies on the committee were created when Professor Ernest G. Cravalho resigned to become deputy head of the new College of Health Sciences, Technology and Management, and Professor Kenneth A. Smith resigned when he was named acting head of the Department of Chemical Engineering.

Named to the committee to fill the

vacancies were Professors Norman Jones of the Department of ocean Engineering and Bernhardt J. Wuensch of the Department of Materials Science and Engineering.

Professor Joseph M. Sussman of the Department of Civil Engineering, who succeeded Professor Cravalho as associate dean for education programs of the School of Engineering, has joined the committee as a member ex-officio. Committee members are appointed by the Dean of the School of Engineering.

Other members are Professors Herman A. Haus of the Department of Electrical Engineering and Computer Science, Fred Moavenzadeh of the Department of Civil Engineering and Henry M. Paynter of the Department of Mechanical Engineering.

Several book reviews and a listing of recent management publications round out the Winter 1978 issue of the *Review*, which is published three times during the academic year and is in its 19th year. The editors for the current issue are Tony Dutra, Lindsay Jo Fried, Mark S. Halperin, John G. Roth, David P. St. Charles and Wayne Zafft. Gay Van Ausdall is the managing editor. Single issues of the *Sloan Management Review* are available for \$5 each at the Review office, MIT Rm E52-062. Annual subscriptions are \$14.

University Schools of Business, proposes a new "evolutionary" approach to information system design—one which is more user-oriented (but not necessarily more costly) than the conventional approach.

In "Inventory Models and Management Objectives," Irwin W. Kabak and Allen I. Schiff demonstrate how inventory models can be modified to serve a growing need of managers in the planning process—budget attainment. This is in contrast to the more traditional goal of utilizing the models to maximize expected profit. Kabak is professor of operations research at the New York University Graduate School of Business Administration. Schiff is assistant professor of accounting at Fordham University.

Why would an employer, faced with a union representation campaign, decide to commit unfair labor practices in order to forestall unionization? In "Calculative Strategy Decisions during Union Organization Campaigns," Charles R. Greer and Stanley A. Martin show that under certain conditions it is economically feasible for employers to secure economic gains by violating the National Labor Relations Act. They conclude that the law should be reformed in this regard. Greer is assistant professor of management at Oklahoma State University. Martin is assistant professor of business administration at the University of Wyoming.

In this issue's SMR Forum, two commentators look at the multinational enterprises that have emerged as major economic powers on the world scene.

Stephen J. Kobrin, Ford International Assistant Professor at MIT's Sloan School, bases his comments on *Storm Over the Multinationals: The Real Issues*, a book by Raymond Vernon. Professor Kobrin writes that the conflict between nation-states and the multinationals is only one manifestation of the tension between social, political and economic aspects of society. It is one aspect, he states, of the more universal issue of societal control over its productive institutions.

The comment of Yair Aharoni, professor of management at Tel-Aviv University, is based on *Multinationals from Small Countries*, a book edited by Tamir Agmon and Charles P. Kindleberger. Professor Aharoni writes that international production is not an exclusive domain of the large firm and that a growing number of small firms—many of them from small countries—have swelled the ranks of the multinationals.

Admissions Office Seeks Volunteers To Read Cases



Admissions director Peter H. Richardson describes application forms to volunteer faculty readers at a meeting in the Emma Rogers Room.

Mounds of mail are piling up in the Admissions Office these days as prospective students file their applications and endorsements.

Although it is too early to forecast with precision, Peter H. Richardson, director of admissions, estimates that final applications will be filed by approximately 4,500 prospective freshmen.

Helping out in the selection process are some 60 members of the faculty who are volunteer readers.

"The input we get from faculty readers plays an important role in determining the nature of each entering class," Mr. Richardson

said. "It is one means of assuring that admissions officers clearly understand what kinds of young people the faculty hopes to attract."

Also, Mr. Richardson noted, volunteer readers are welcome for the help they provide in the enormous volume of reading that must be done over the next two months. Each application—or case—must be read by at least two readers, so that having volunteer readers is a significant aid to the admissions staff.

As a rule each case takes 20-30 minutes to read and annotate for the first reader. The second reader

usually takes less time and merely makes additional comments. If there is a significant difference of opinion between the first and second readers, the case will be read a third time.

When all of the reading is done in mid-March, the readers will be invited to participate in the final selection process, called round-up, when the decisions are made.

Although this year's reading has already started, additional volunteers are welcome. Orientation sessions are scheduled for new faculty and staff volunteers to acquaint them with the procedures used. Those interested may call x3-4791.

School of Science Names Seven

Dr. Robert A. Albery, Dean of the MIT School of Science, recently announced the appointment of the following persons to visiting positions at MIT:

Felix E. Browder has been appointed visiting professor of mathematics for four-and-a-half months, effective September 1. He is one of the world's leading authorities on partial differential equations, and is currently Louis Block Professor of Mathematics at the University of Chicago. Dr.

Richard Marvel Is Appointed Benefits Officer

Richard P. Marvel, who has broad experience in the insurance and benefits fields, has been named benefits officer for MIT, effective November 21.

Mr. Marvel will supervise administration of MIT's extensive benefits program and be responsible for the continuing development of benefits policy in collaboration with the Treasurer's office and other concerned offices within MIT. Announcement of his appointment was made by Robert J. Davis, director of personnel relations.

A native of Philadelphia, Mr. Marvel received the BS degree in economics in 1958 from Villanova University. He served as a commissioned officer in the Marine Corps for three years and later was a civilian employee in the Navy nuclear submarine program.

In 1961 Mr. Marvel joined the Insurance Company of North America as a commercial liability specialist and later became an employee benefit consultant for Johnson and Higgins, an international insurance brokerage and employee benefit consulting firm.

Mr. Marvel has been self-employed as a consultant on benefits programs for the past four years.

Mr. Marvel and his wife have three children and live in Scituate where he is active in town government.



Mr. Marvel

Browder received the SB from MIT in 1946, and the PhD from Princeton University in 1948.

Igor Dolgachev, appointed visiting associate professor of mathematics for four-and-a-half months, effective January 16, has been chief researcher at the Institute of Complex Automatization in Moscow, and associate professor at the Moscow Institute of Electronic Engineering. He received the PhD from Moscow State University in 1969.

Moshe Israeli has been appointed visiting associate professor of applied mathematics for nine months, effective September 1. He is currently associate professor in the computer science department at the Technion-Israel Institute of Technology in Haifa, Israel. He was assistant professor of applied mathematics at MIT from 1972-1973, and he received the PhD from MIT in 1971.

Louise A. Raphael, named visiting professor of mathematics for nine months, effective September 1, is associate professor of mathematics at the Atlanta University Center's Clark College, a black college in Atlanta, Georgia. She received the PhD, specializing in functional analysis, from Catholic University, Washington, D.C., in 1967.

Taylor Elected Fellow of SAE

Dr. C. Fayette Taylor, professor of automotive engineering, emeritus, in the Department of Mechanical Engineering, has been honored by the Society of Automotive Engineers through election as an SAE Fellow.

Professor Taylor, who came to MIT in 1926, will be formally cited at the SAE congress and exposition in Detroit next month for his "outstanding career as a researcher, author, and master teacher of internal combustion engine theory and design."

The Sloan Automotive Laboratory at MIT was established by Professor Taylor in the late 1920s and it was there that he pioneered basic research on the internal combustion engine.

The Fellow grade of membership recognizes outstanding engineering accomplishments of SAE members. The grade established in 1976 is awarded to only a limited number of members each year.

Michele F. Vergne has been appointed part-time visiting associate professor of mathematics for nine months, effective September 1. She was a visiting assistant professor at MIT from 1975-1976, and she has done research at the Centre Nationale de la Recherches Scientifique. Dr. Vergne received the Doctorat d'Etat from the University of Paris in 1971.

Barbara A. Underwood was appointed visiting associate professor of nutrition and food science for 10 months, effective September 1. She has been at Pennsylvania State University as associate professor of nutrition and director of the Division of Biological Health in the College of Human Development. Dr. Underwood has done research in many countries around the world, and is a member of numerous organizations dealing with world nutrition problems. She received the PhD from Columbia University in 1962.

Raphael D. Levine has been named visiting professor in chemistry for six months, effective December 1. He is professor at the Hebrew University, and a specialist in the study of molecular collisions. Dr. Levine received the PhD from Nottingham University in 1964, and the DPhil from Oxford University in 1966.

Assertiveness Workshop

An Assertive Management Workshop led by DeAnne Rosenberg will be offered by the MIT Women's Forum during IAP beginning on Thursday, Jan. 12, from 11am-12:30pm in the Emma Rogers Room (Rm 10-340).

Ms. Rosenberg, a management consultant and president of her own Boston-based consulting firm, will discuss the principles and practice of assertiveness in three one-and-one-half hour sessions. Participants will learn skills designed to strengthen control in the human relations area.

The workshop is open to the community but enrollment is limited. For registration and further information, contact Brenda Ferrero, Rm 39-411, x3-4102. Subsequent meetings will be held on Wednesdays, Jan. 18 and 25.

Thompson, Carlins Plan Concert

A recital of works for viola d'amore and harpsichord, viola and piano will be presented by violist Marcus Thompson, pianist Seth Carlin and harpsichordist Maryse Carlin at 8pm on Friday, Jan. 20, in Kresge Auditorium.

The public is invited to attend the free concert organized by the MIT Music Section in conjunction with the Institute's annual winter term, Independent Activities Period.

The recital will open with a performance of *Lezione III* for viola d'amore and continuo by Attilio Ariosti, followed by Sonata for Viola and Piano, Opus 147 (1975), by Dimitri Shostakovich, the last piece the composer wrote before his death. Following intermission, Mr. Thompson and Mr. Carlin will play *Infanta Marina* for viola and piano by Vincent Persichetti, a lyrical work based on the composer's reflections on a poem by Wallace Stevens. The recital will close with Paul Hindemith's Sonata for Viola and Piano, Opus 11, No. 4, a work whose three movements are fused into one. This sonata was strongly influenced by Fauré and Max Reger.

Mr. Thompson has performed to great critical acclaim on the viola and viola d'amore as well as prepared performance editions of works by Ariosti and Vivaldi featuring the viola d'amore. The viola d'amore, a 14-stringed instrument, dates from the early 1600s

Kinsey Named

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1959-1960 and a postdoctoral fellow at the University of California at Berkeley from 1960 to 1962.

He came to MIT in 1962 as assistant professor of chemistry, was named associate professor in 1967, and was promoted to the rank of professor in 1974. During 1969-1970, he was visiting associate professor of chemistry at the University of Wisconsin. In addition to his teaching and research, Professor Kinsey has also served the Institute as chairman of the Committee on Academic Performance.

Professor Kinsey has been appointed head of chemistry through September, 1979, in anticipation of the return of Professor Deutch, who was named department head just last year.

Professor Kinsey's professional affiliations include memberships in the American Physical Society, the American Chemical Society, and the Chemical Society.

He and his family reside in Newton, Mass.

Repertory Ballet Set for Jan. 28

The date for the MIT performance by the Boston Repertory Ballet has been changed from Friday, Jan. 27, to Saturday, Jan. 28, to accommodate the needs of the ballet company and the schedules of working members of the MIT community.

The evening of ballet, with full costumes, sets and lighting, will begin at 8pm in Kresge Auditorium. Following the performance the audience is invited to meet the dancers at a reception in the Student Center Mezzanine Lounge.

Tickets for the performance, sponsored for IAP by the Graduate Student Council (GSC), are now on sale at \$3 each in the GSC Office, Rm. 50-110, each Monday through Friday from 9am to 5pm through Friday, Jan. 27. Reservations may be made by calling Ext. 3-2195. Those placing reservations must pay for the tickets by Monday, Jan. 23, either by going to the GSC Office or by mailing a check payable to the Graduate Student Council to MIT Rm. 50-110.

Tickets will be sold in the evenings from January 16 through January 27 at the desk in Ashdown House, 305 Memorial Drive. During the week of January 23, tickets will be sold in Lobby 10 from 8:30-10:30am and from 11:30am-1:30pm. Any remaining tickets will be sold at the door.

All tickets are for unreserved seating.

and belongs to the viol family of stringed instruments. It is unfretted and has seven metallic strings that vibrate sympathetically with pitches played on the seven bowed strings immediately above them. The viola d'amore Mr. Thompson will play at the January 20 recital was made in 1779 by Johann Anton Stauffer.

Ariosti, a contemporary of Handel, was a viola d'amore player who wrote six lessons in the early 1700s to show people how the instrument was played. *Lezione III* was among them. It is a typical baroque solo sonata in four movements, slow alternating with fast.

Mr. Thompson and Mr. Carlin gave the American West Coast premiere of the Shostakovich sonata in January 1977, in performances at Arizona State University in Tempe, Stanford University in California and Ricks College in Rexburg, Idaho. The sonata is an impressive work in three movements; the final movement quotes from Beethoven's *Moonlight Sonata*.

Mr. Thompson, associate professor of music at MIT, studied viola with Walter Trampler and Abraham Skernick and chamber music with the Juilliard String Quartet and Amadeus String Quartet. He made his New York solo recital debut in Carnegie Recital Hall in 1968 and received the doctorate of music from Juilliard School of Music in 1970. He has been soloist with the National Symphony Orchestra, the Symphony of the New World and St. Louis Symphony, among others. Locally he has been soloist with the Boston Pops and has appeared with the Harvard Summer School Chamber Players, Ariel Chamber Ensemble and Boston Musica Viva.

Mr. Carlin gave his first recital

in New York City at Town Hall last October. *The New York Times* music critic Donal Henahan wrote in an October 23 review of the recital, "He played these olympian works with unfailing facility and an expressiveness that deserted him rarely." Mr. Carlin, who teaches piano at Lowell University, has appeared widely as recitalist and as soloist with such orchestras as the Boston Pops, New England Chamber Orchestra and the Long Island Philharmonic. As chamber music artist he has performed in the Marlboro Music Festival, the Festival of Two Worlds in Spoleto, Italy, and is active in the Boston area where he has performed with the MIT Chamber Players. He received the BA degree from Harvard College, the MS degree from Juilliard where he studied with Rosina Lhevinne, and the *licence de concert* at the *Ecole Normale de Musique de Paris* where he studied with Jules Gentil.

Mrs. Carlin, who teaches at the New England Conservatory of Music, has performed extensively in both solo and chamber music concerts at such places as the Gardner Museum, Jordan Hall, Harvard University and the Whitney Museum. She has been guest harpsichordist at the Marlboro Music Festival, with the Boston Musica Viva and with the MIT Chamber Players. A native of France, she received the *licence de piano* from the *Ecole Normale de Musique de Paris*, where she studied with Jules Gentil, and the master of music degree from the University of Paris. She has studied harpsichord with Sylvia Marlowe and in 1975 gave her debut recital at Carnegie Recital Hall on the International Artists series.

Jones to Join Development Staff

Katharine Childs Jones of Arlington, a staff writer in the MIT News Office since September 1976, will join the writing staff of the Resource Planning office, effective Tuesday, Jan. 17.

As an associate writer on the proposals and publications staff, Ms. Jones will prepare material used to secure financial support for MIT's ongoing \$225 million Leadership Campaign. Ms. Jones will write and edit publications and proposals detailing specific campaign goals for private contributors as well as brochures, newsletters and reports related to MIT's overall development objectives.



Ms. Jones joined the News Office in 1971 as a secretary. She has been a member of the Working Group on Office/Clerical Issues since the group's inception in 1975. A native of Holyoke, Mass., Ms. Jones received the BA degree from Wellesley College in 1969 and the MAT degree from Wesleyan University in 1972. Before coming to Boston, she taught English at Coginchaug Regional High School in Durham, Conn. She is married to Gordon M. Jones III, a doctoral candidate at Harvard University.

Ensemble to Revive 'Love's Labour's Lost'

The MIT Shakespeare Ensemble will revive its fall production of Shakespeare's early comedy, *Love's Labour's Lost*, prior to departing on a 12 day, East Coast tour on January 18.

The comedy will be staged at 8pm in the Student Center Sala de Puerto Rico on Thursday through Saturday, January 12, 13 and 14. Tickets—\$3 and \$2 for students—may be purchased in Lobby 10 from 11am to 3pm through Friday, Jan. 13, or at the door, or reserved by calling Ext. 3-2903 at any time.

Set in Navarre, an ancient kingdom in Spain, the play tells of four young men who decide to renounce women for three years in order to devote themselves to study and contemplation. No sooner do they make the oath than the Princess of France arrives with three ladies. The men fall in love and comedy ensues.

Murray Biggs will direct the production with Renaissance costumes by Lita Wright and set by Kostas Thomas who received the M.Arch. degree from MIT last September. Two songs and a dance composed by John Cook, Institute

organist, will be performed during the play. The evening will begin at 7:40pm when the Early Music Society will perform Renaissance music coordinated by Tim Aarset, lecturer in music, and Marjorie Batchelor, a graduate student in mathematics from Washington, DC.

Those with major roles in the production are Robert Hull (Berowne), a junior in humanities and science from Broomall, Penn.; James Walker (Armado), a junior in mathematics from Wilmington, NC; Astrid Howard (Princess of France), a junior in earth and planetary sciences from Lexington, Mass., and Jo Ann Kruger (Rosaline), MIT '77.

Also Jonathan Ivester (Boyet), a senior in humanities and science from Anderson, Calif., and assistant director of the production; Jeffrey Hovis (King of Navarre), a senior in chemistry from Cincinnati, Ohio, and David Gallagher (Holofernes), a junior in electrical engineering and computer science from Lexington, Ky.



Elizabeth Soenarjati displays a puppet from Java she will use in puppet plays Wednesday, Jan. 18, at 8pm in the Mezzanine Lounge at the Student Center.

—Photo by Calvin Campbell

Indonesian Dance, Puppetry Lend Exotic Touch to IAP

By MARY ENTERLINE
Editor, IAP Guide

When Elizabeth Soenarjati left Indonesia as a child in 1955, she never thought that 20 years later she would be devoting herself to the preservation of a disappearing part of its culture—Javanese court dances. But after years of studying Western classical ballet and music in the Netherlands, Ms. Soenarjati rediscovered the arts of her native land and now returns to Indonesia two months each year to study them.

Tonight (Wednesday, Jan. 11)—in a free concert at 8pm in the Mezzanine Lounge of the Student Center—Ms. Soenarjati will perform two court dances and show a film of some of the basic movements of the women's dances and a slide show of a gong factory. A week from today, on Wednesday, Jan. 18, at the same time and place, she will demonstrate Indonesian puppet plays and describe their relationship to court dances.

Ms. Soenarjati is performing during Independent Activities Period because her husband, Jan van Paradijs, is a visiting scientist at the Center for Space Research.

When Ms. Soenarjati describes Indonesian court dances, the flashing eyes and sparkling smiles of a performer combine with the historical and anthropological comments of a European-educated observer. Ms. Soenarjati began her study of Javanese dances in the Netherlands and she visits Indonesia each year under a fellowship from the Dutch government. On her trips she tries not only to perfect her skills as a dancer but also to gather as much information as possible from the old members of the Javanese court of Surakarta.

The dances Ms. Soenarjati per-

forms are those of the Surakarta court, descendants of the most powerful of the four kings of Java, which is located in the center of what is now Indonesia. As a result of competition with other kinds of amusement today there is less attention given to the dances and 30 of the 100 to 110 basic movements have already been lost.

Gradually over the last three years, Ms. Soenarjati has established contact with a princess of the Surakarta court, the daughter of the late powerful king Pakubuwono X. Last summer Ms. Soenarjati was one of a few outsiders invited to witness—from behind a glass panel—a solemn, religious dance on the anniversary of the coronation of the king. This coming summer, the princess has agreed to instruct Ms. Soenarjati in court dances.

There are three types of court dances—women's, men's, and Alus dances, the latter performed by both men and women. In her performance tonight, Ms. Soenarjati will dance a woman's dance and an Alus dance.

"I have studied these two dances for three years, and I can finally say I can dance them, understand their choreography and music and teach them," she said. "I like the Alus dances. In these dances the fragility of the women's dances is combined with the strong movements of the men's dances."

In next week's demonstration of puppet plays, Ms. Soenarjati will show both the two-dimensional puppets of central Java and the three-dimensional shadow puppets of West Java. She will explain their history, iconography and the relation between shadow puppets and dance. Ms. Soenarjati will give a brief demonstration of some basic techniques of handling the two-dimensional puppets.

Jerome H. Holland to Speak

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panies and also serves on the governing boards of national organizations such as the American National Red Cross, the Foreign Policy Association, the American Management Association, the American Arbitration Association, the Johnson Foundation, New York Hospital and the Save the Children Foundation.

Theme of this year's Martin Luther King, Jr., observance will be "Keeping the Dream Alive."

The ceremony will begin at 11:45am with a gathering in the Rogers Lobby (Building 7) and

silent march to Kresge Auditorium. John M. Wynne, vice president for administration and personnel, has asked the cooperation of supervisors in releasing employees to attend the Friday convocation honoring Dr. King, if work loads permit.

A reception will follow the ceremony in the Mezzanine Lounge of the Student Center.

The observance is being organized by the Minority Interest Group in collaboration with the Office of the Special Assistant to the President and the Chancellor for Minority Affairs.

Forum to Host 'Who's a Lady?'

Who's a Lady?—a dramatic presentation of the shifting identities and perceptions of and about women—will be performed by Naomi Thornton and Annette Miller in the Sala de Puerto Rico at the Student Center on Thursday, Jan. 19, at 5:30pm.

The presentation is the third annual Gay Warner Memorial Lecture, sponsored by the MIT Women's Forum in memory of Gay Warner, an MIT employee and member of the Forum Steering Committee at the time of her death in 1975. It is open to the

public, free of charge. Refreshments will be served at 5pm.

Who's a Lady? is a theatrical collage selected by Ms. Thornton and Ms. Miller from musical, dramatic and literary material ranging from Feiffer and Lessing to Brecht and Salinger. Ms. Thornton and Ms. Miller have performed extensively during the past five years for college, television, and cabaret theater audiences. They will talk informally with the audience after the performance concerning women in the dramatic arts.