

Inside . . .

... Garfinkle leaving, Page 2
 ... Board roundup, Page 2
 ... Ford grant, Page 4
 ... Mensa requirements, Page 5
 ... Teacher training, Page 5

MSU News - Bulletin

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New benefits package announced

Three major changes in the University's employee benefit package have been announced by the Office of Employee Compensation and Benefits that will provide employees with increased life insurance, hospitalization and death benefits.

Generally, the changes will not mean cost increases to the employee, and the new health insurance program will actually mean decreased employee costs of up to 50 per cent in most cases.

The three changes are in addition to the full payment of long term disability insurance to cover all full - time employees that was announced in January.

The new benefits have been coordinated through the Faculty Affairs and Faculty Compensation Committee, The Administrative - Professional Association, and campus collective bargaining units.

The life insurance and death benefit improvements are effective as of July 1, and the new hospitalization plan becomes effective Aug. 1. Lower contribution rates by employees for hospitalization will be reflected in July paychecks.

Group Life Insurance

The group term life insurance program offered through Lincoln National Life Insurance Company increased in value by 33 per cent July 1 without an increase in employee costs.

According to Gary I. Posner, director of employee compensation and benefits, the increased coverage is the result of the increasing number of employees enrolled in the program and "good group experience" over the past several years.

The University has been able to increase the coverage of the group life program by 60 per cent in the past three and one half years without increasing employee cost.

Under Schedule A, the first of two options available in the plan, an employee under 45 years of age previously covered for \$12,000 will be covered for \$16,000; employees between the ages of 45 and 65 had their coverage increased from \$9,000 to \$12,000.

Under Schedule B, employees under 45 are covered for \$32,000 instead of \$24,000; and those between 45 and 65 have had their coverage increased from \$18,000 to \$24,000.

Coverage for those over 65 remains the same.

The plan continues to provide double indemnity for accidental death.

The coverage improvements are automatic. All enrolled employees will receive their new policies in the near future.

Employees may enroll in the life insurance program or increase their coverage to the higher Schedule B by filling out a statement of insurability prior to their 53rd birthday, usually without a physical examination.

Hospitalization

Beginning next month, the University will be paying at least 90 per cent of the premiums for employees enrolled in the American TIAA Major Medical plans.

This means that, in spite of a 20 per cent increase in premiums effective Aug. 1, the higher University contribution will significantly decrease most employee contributions.

Family coverage under the American/TIAA Major Medical plan, for example, will cost the employee \$3.95 per month instead of the \$7.80 he has been paying.

Similarly, the higher University contribution will apply to those non-AFSCME employees covered under Blue Cross - Blue Shield. The family coverage that used to cost them either \$19.92 or \$14.77, depending upon whether they are salaried or hourly employees, will now cost only \$9.37 a month.

Part time employees (50 per cent or more time) who have been employed for five continuous years will receive an increase in University contributions to their hospitalization programs to \$17.78 a month.

Single coverage under both insurance plans will continue to be paid in full by the University.

In addition to the lower cost to employees, the American/TIAA Major Medical coverage will include a number of improvements beginning Aug. 1 such as hospital outpatient emergency benefits, pregnancy termination provisions, and improvements in the amounts payable for in - hospital doctor's visits.

Death Benefits

Major changes in the University death benefit program also began July 1.

In the past, salary or wage continuations, were paid to dependents for from seven to 12 months, depending upon length of service beyond five years.

The University now pays the premiums for an insurance policy on every full - time employee with five years service that will provide the employee's beneficiary with an amount equal to a full - year's salary or wage.

In addition to the higher benefits for most employees, the new program has a number of other advantages. It will allow the employee to select his beneficiary, where previously a continuation payment went only to a spouse or dependent; it will allow the beneficiary to select the method of payment; it will include single employees for the first time; and money paid will not be subject to federal and state income tax.

Policy certificates will be sent to all employees in the near future.

Long Term Disability Insurance

As announced last January, all full - time regular employees are now covered under a long - term disability program through TIAA at no cost.

Booklets explaining the plan are being printed and will be distributed to employees as soon as possible.

Briefly, the plan provides that after a six - month waiting period, 60 per cent of the first \$1,000 of an employee's monthly income would be paid him plus 40 per cent of the excess, including Social Security and Workmen's Compensation benefits, for as long as the employee is disabled.

There is a one - year waiting period before coverage commences for all new faculty, Cooperative Extension and A-P employees. All other new employees are covered after three years.

AFSCME strike over

A two - week strike by University service and skilled trades employees ended Monday when more than 1,300 members of AFSCME locals 999 and 1585 returned to their jobs.

Agreement between and University and union officials came last Friday on a contract calling for a 12.5 per cent wage increase spread over the next two years.

The agreements were ratified by members of both bargaining units on Sunday.

The work stoppage began July 10 when members of Local 999, reacting to the University's refusal to continue some provisions the previous contract that expired June 30 pending agreement on a new pact, voted to withhold their services.

Local 1585 followed suit the next day.

C. Keith Grotz, assistant vice - president for personnel and employee relations, had told the unions that regular conditions of employment wages and fringe benefits would continue beyond the June 30 date, but that the use of University facilities for dues' checkoff would be discontinued with the expiration of the contract.

Union officials, however, contended that the entire contract should have been extended on a day - to - day basis while negotiations continued as has happened in the past.

In spite of the strike, the University continued to pay its share of hospital insurance premiums covering the employees.

Although fringe benefits and classification titles were among items being negotiated during the bargaining



sessions, the predominant issue was wages.

The University had offered a 12 per cent increase spread over a two - year period prior to the strike action.

Negotiations continued throughout the strike. Talks also went on simultaneously with members of Local 547, Operating Engineers, whose contract also expired on June 30, but who continued to provide essential services at the Power Plant.

Most University services continued through the strike, although the delivery of some items to campus was restricted by the refusal of drivers to cross picket lines.

Terms of the settlement included the following:

*A 12.5 percent salary increase over the two years of the contract, with 6.5
 (Continued on page 4)

New hospitalization rates

	Single	Two Person	Family
American Premium	\$12.58	\$30.25	\$34.36
TIAA Major Medical Premium	1.92	4.25	5.14
Total Premium	14.50	34.50	39.50
University Contribution	14.50	31.05	35.55
Full - time Employee Cost	-0-	3.45	3.95
Blue Cross - Blue Shield	\$17.60	\$42.89	\$44.92
(non - AFSCME employees)	17.60	35.55	35.55
University Contribution	-0-	7.34	9.37
Employee Cost	-0-	7.34	9.37

Board appoints three chairmen

The regular monthly meeting of the Board of Trustees held Friday at the Hospitality Inn was devoted to a long agenda of personnel items, contracts and gifts and grants, which is routine for the first meeting of the fiscal year.

The University Budget, which generally receives action at the July meeting, remained in question since the state appropriation has not been approved.

A resolution involving the authority of the Anti-Discrimination Judicial Board to handle matters of alleged discrimination based on sexual orientation was postponed because University Attorney Leland Carr was in court and could not attend.

Administration spokesmen said the meeting was held at the Hospitality Inn in view of the strike by AFSCME Locals 999 and 1585 employees on campus. A similar decision was made during a 1969 strike.

New Chairmen

Several key appointments and assignment changes were approved, among them new chairmen for the Departments of Anthropology, Sociology and Family Ecology.

Bernard Gallin, professor of anthropology, succeeds Iwao Ishino, who will return to teaching and research. Gallin, who has served in the Asian Studies Center, is an authority on China and Taiwan, socioeconomic change, peasant communities and cultural change.

Jay W. Artis, who has been serving as assistant dean in the College of Social Science, is the new chairman of the Department of Sociology. He replaces William A. Faunce, who will be in England on sabbatical during the coming year.

Linda Jean Nelson was appointed associate professor and chairwoman of the Department of Family Ecology. She comes from an assignment as an economics officer for Latin America in the U.N.'s Food and Agricultural Organization.

Nell C. Jackson, formerly an associate professor of physical education at the University of Illinois, was appointed assistant director of athletics for women's athletics.

A former member of the Board of

Directors of the U.S. Olympic Committee, she has also held a number of leadership positions in women's track and field organizations.

She is a graduate of Tuskegee Institute and holds an M.S. from Springfield and a Ph.D. from Iowa.

Robert R. Fedore, dean of students at the University of Montana for the last three years, was appointed assistant dean for student affairs at the College of Osteopathic Medicine.

Fedore was previously associated with MSU from 1962 to 1970 as associate dean of students, assistant to the vice president for student affairs and as associate director of admissions and scholarships.

Judith W. Krupka, assistant professor in the Counseling Center, was named director of admissions for the College of Human Medicine.

Gifts and Grants

The Board accepted more than \$5 million in gifts, grants and scholarship funds.

The scholarship money, totaling \$1,208,238, included a supplementary Educational Opportunity Grant of \$767,487 from the Department of Health, Education and Welfare, and \$423,352 from various donors as grants to designated students.

The MSU Development Fund received grants totaling \$503,879. University spokesmen said the total of all gifts contributed to the fund in 1972 was \$1,224,345, including those from alumni, corporations and foundations.

Financial aids for students under college work-study programs were provided in an HEW grant of \$997,849.

HEW also gave \$208,250 for NDEA Title IV fellowships, \$50,770 for continuation of a communications study of the effect of TV advertising and news on child development, \$67,790 for graduate programs in rehabilitation counseling, and \$39,965 for testing and dissemination of mathematical modules in teacher education programs in elementary schools.

Graduate fellowship programs in music, mathematics and psychology received three Ford Foundation grants totaling \$23,462.

The Board accepted \$208,000 from

the Detroit Edison Co. for continued evaluation of the effects of heated discharges into western Lake Erie. The study is in progress at the Institute of Water Research.

The Atomic Energy Commission grant of \$108,000 will support a new experimental chemistry program at the Cyclotron Laboratory, combining nuclear chemistry with nuclear physics.

The National Institute of Health (NIH) gave \$800,965 for research and training programs in biochemistry, biophysics, zoology, microbiology and public health, psychology, physiology, urban development and library services.

The four NIH-supported biochemistry research projects with grants totaling \$167,223 involve cell action on nutrients, cell wall structures, membrane function and formation, and normal and abnormal function of fatty substances in the human body.

Another biochemistry grant of \$60,000 from Union Carbide Co. supports new research on inhibitors useful in controlling plant metabolism and growth.

Biophysics grants from NIH totaling \$108,142 are for continued cancer chemotherapy research and for graduate training.

Zoology research, under NIH grants totaling \$58,420 relates to analysis of tumor response to treatment and to neural control of rats' sexual behavior.

Microbiology and public health grants from NIH totaling \$136,924 support research on immunity systems, cancer, cancer viruses and parasite infections.

Psychology research grants from NIH totaling \$118,944 are for graduate training programs in social psychology and experimental psychology, a study of discriminative stimuli, and work on sensory processes and perception.

A \$49,300 physiology NIH grant is for continued study of the role of chemicals in regulating local blood flow.

NIH also provided \$77,447 for minority fellowships in counseling in the College of Urban Development and \$39,540 for extended MSU Library resources and services in health sciences.

The Midwest Universities Consortium for International Activities provided three grants totaling \$45,908 to the Institute for International Studies for projects in Turkey and Latin America.

The Agency for International Development (AID) contributed \$99,950 for continued workshops and seminars overseas.

The English Language Center received \$35,000 for a summer language program for Japanese teachers who will come to MSU in August. Donors were the Council on International Educational Exchange and the English Language Education Council.

Agricultural and natural resources research and training support amounting to \$29,068 was received from AID for agricultural economics research in investment policy in Costa Rica. Two grants from the Upper Great Lakes Regional Commission of the U.S. Department of Commerce totaling \$98,400 will support a crop and soil science project in northern Michigan seed beans, and continuing tourism research in northern Michigan.

Three grants from divisions of the Kellogg Foundation, totaling \$26,306 were accepted for care and maintenance of the W.K. Kellogg Bird Sanctuary at Gull Lake.

Contracts

The Board awarded contracts for construction of a 300-space parking lot for the new Ice Arena and for improvements to the parking ramp on Shaw Lane.

A contract for \$109,000 was awarded to Brown Brothers Inc., of Lansing for the Ice Arena parking lot. The arena will be located south of Demonstration Hall. Total budget for the parking lot project, including landscaping and engineering services, is \$125,000.

The \$4.6 million new ice arena itself is now under construction and is scheduled for completion in the summer of 1974.

The board awarded a \$128,500 contract to Ben T. Young Co. of Detroit for concrete repair work and water proof coating of the Shaw Lane parking ramp.

The new coating is expected to offer better resistance to wear from vehicle tires. The total project budget, including engineering and contingencies, is \$145,000.

The target for completion of the parking ramp work is the beginning of fall term.

Other projects approved included \$62,000 for electrical lighting improvements in the Natural Science Building, renovation of room 301 in Agricultural Hall to cost an estimated \$15,000, and the installation of sprinkler system and other alterations to the University-owned W.T. Grant Building in Lansing to cost \$20,000 (the building was willed to the University as part of the Frederick C. Jenison estate in 1939.)

Other Action

Board action establishing the Kresge Art Center Gallery as a permanent entity was taken in order to qualify the gallery for accreditation by the American Association of Museums.

Such accreditation is necessary, according to gallery director Paul Love, to facilitate relations with other institutions, particularly regarding the loan of art objects and staff exchanges.

It will also be helpful in soliciting support from private foundations, government agencies, and individual contributors.

The Board also approved affiliation contracts between the University and three community hospitals that will provide clinical training for students in the College of Human Medicine.

The hospitals involved are Gratiot Community Hospital and Michigan Masonic Home Hospital in Alma, and W.A. Foote Hospital in Jackson.

Retirements

The Board of Trustees approved seven retirements at its meeting Friday. They were:

ALICE M. DAVIS, associate professor, Department of Secondary Education and Curriculum, effective July 1, 1974 after a one-year consultantship.

JOHN E. DIETRICH, assistant provost and professor in the Departments of Administration and Higher Education and Theatre, effective July 1, 1975 after a one-year consultantship.

JOHN HUBACH, group leader, Grounds Department, effective Aug. 1, 1973.

HENRY C. RAMBO, carpenter, Physical Plant, effective Sept. 1, 1973.

ROBERT E. SHACKLETON, associate director, Alumni Relations, effective Sept. 1, 1973.

ANNIE M. SPRINGER, laboratory research aide, Department of Food Science and Human Nutrition, effective July 1, 1973.

H. PAUL SWEANY, professor, Department of Secondary Education and Curriculum, effective Sept. 1, 1974 after a one-year consultantship.

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Garfinkle takes UNO post

Herbert Garfinkle, professor of political science and the first dean of James Madison College, will become the chief academic officer at the University of Nebraska at Omaha Sept. 1.

Garfinkle was named vice-chancellor for academic affairs today by Chancellor Ronald Roskens pending final approval of the University of Nebraska Board of Regents.

"We are most fortunate to bring to UNO and Omaha a distinguished scholar and administrator of exceptional talents who has made an indelible mark on higher education," Chancellor Roskens said in announcing the appointment.

In his new position, he will be responsible for all academic programs at the 13,000-student campus, including curriculum matters and faculty staffing.

"I feel that I'm being pulled out by some very deep roots," he said of his decision to leave MSU.

Garfinkle first came to MSU in 1951 as a research associate and instructor in political science. He left in 1953 to teach at Dartmouth, but returned to East Lansing in 1959.

Since then he has held a number of teaching, research and administrative positions with the Department of Political Science, the Bureau of Social and Political Research, the School of Labor and Industrial Relations, the College of Social Science.



HERBERT GARFINKLE

In 1967, he was appointed the first dean of James Madison College, serving until his resignation in 1971.

For much of the last two years, he has worked on the development of a new Master's in Public Administration program through the Department of Political Science. The first students in the program will be enrolled this fall.

Around the campus: A summary

Criminal Justice Center established

A criminal Justice Systems Center for research in manpower development and for educational programs open to personnel in criminal justice agencies has been created on campus under \$625,000 grant from the Law Enforcement Assistance Administration (LEAA) in the United States Department of Justice.

The center, administered by the School of Criminal Justice, will be located on the third floor of Linton Hall.

John H. McNamara, professor of criminal justice, has been named program director. Assistant director will be Larry T. Hoover, instructor in criminal justice. Arthur F. Brandstatter, director of the school, will coordinate the center with the school. Other faculty heavily involved in the center will be Professors Victor G. Strecher and Ralph F. Turner. All school faculty will function in different aspects of the program.

The three-year grant was recently announced by Rep. Charles E. Chamberlain.

Brandstatter said the center will advise LEAA on long-range policies concerning personnel in the field of criminal justice. It also will work with universities that have established other centers and with criminal justice field agencies in three broad areas:

- *The center will engage in the educational development of criminal justice personnel, and will experiment with new curricula and teaching technologies, possibly including degree programs to be given off-campus to career personnel in the field.

- *It will research issues that are involved in manpower development and systems of education, and personnel systems.

- *It will develop a program of criminal justice extension services, such as conferences, short courses, consultative relations with selected educational institutions and criminal justice agencies, and site visits to those agencies and institutions.

Findings of the MSU center's pilot program in manpower research and educational services will be disseminated to other university centers, to LEAA and to criminal justice agencies nationally.

MSU's center will concentrate, Brandstatter said, on increased integration of the national criminal justice systems by devising manpower strategies and competencies for better coordination and cohesion of the overall system.

The center also is involved in a consortium with Wayne State University's Center for the Administration of Justice in an arrangement designed to better link MSU with the greater Detroit area and its courts and personnel.

Some of the specific manpower issues to be examined by the center are the role of women in police work, improvement and extension of career paths in criminal justice, job enrichment of supportive personnel, and the feasibility of off-campus graduate degree programs for career personnel.

Other issues will be expansion of current educational programs and provision of experimental programs, the structure of existing personnel systems and development of new systems.

In addition to the grant, \$21,000 will be available for fellowships for MSU graduate students in criminal justice and it is expected that the existing graduate internship programs, with criminal justice agencies in the state, will be expanded.

The center also will work closely with the Michigan Office of Criminal Justice Programs, a division of the State Department of Administration.

Pharmacologists to meet here

The world's largest and most prestigious pharmacological society, the American Society for Pharmacology and Experimental Therapeutics (ASPET), will hold its fall meeting Aug. 19 through 23 on campus.

At least 1,900 participants are expected at the five-day scientific session, largest ever held at MSU.

Headquarters will be Kellogg Center for Continuing Education, with numerous sessions and housing accommodations located at the Brody Complex. Overnight accommodations also have been reserved at motels in the area.



—Photo by Dick Wesley

Host for the national gatherings is the Department of Pharmacology. Chairman Theodore M. Brody is president-elect of ASPET and will take office as society president in July 1974.

Nearly 600 papers will be presented by scientists from more than 120 universities, health centers, pharmaceutical manufacturers, private research institutes and the National Institutes of Health.

Specialized topics covered will include marijuana, alcoholism, drug interaction, behavioral pharmacology, anti-inflammatory drugs, and cancer chemotherapy.

Papers also will be presented on developmental pharmacology, neuropharmacology, cardiovascular pharmacology, biotransformation, toxicology, renal pharmacology, anesthetics and analgesics.

A special graduate student convocation, designed to become an annual event, will be held Sunday, Aug. 19, to explore the horizons of pharmacology and toxicology in relationship to career opportunities.

Travel subsidies for some 80 graduate students have been made available through ASPET.

Leading pharmacologists and toxicologists from academia, government and industry will serve as panelists.

They include Nobel laureate Julius Axelrod, National Institute of Mental Health; Sidney Spector, Roche Institute for Molecular Biology; H. George Mandel, George Washington School of Medicine; Marjorie Norning, Institute for Lipid Research, Baylor College of Medicine; and Walter F. Riker, Jr., Cornell Medical College.

A teaching institute on environmental pharmacology and toxicology, under the joint sponsorship of ASPET, the Society of Toxicology, and the National Institute of Environmental Health Sciences, will be conducted in the morning of Monday, Aug. 20.

An overview on environmental pharmacology will be presented along with papers on nutritional factors, behavioral factors, chemical agents, and contamination from physical sources. A six-man panel will be moderated by Sheldon D. Murphy, Harvard University School of Public Health. Murphy is president-elect of the Society of Toxicology.

'No action' voted

At its July 16 meeting, the Women's Advisory Council voted not to take action on a request for funding by the East Lansing Women's Center for \$1,420 in University funds to operate the center from September 1 of this year to next June 30.

A vote of two-two with two abstentions on a motion to have the University fund the center means that the Council will neither recommend nor oppose the University's financial involvement in the center.

Nell Smith, representing the center, replied to a number of questions by council members prior to action on the motion.

She said the center provided several unique functions, including rape counseling, and that the center's publication, "The Women's Journal Collective," is the only women's newspaper in the area.

Council members had a number of reservations about the training of counselors in the center, the adequacy of referral devices, the types of records kept, and the sophistication of the social work methodology practiced at the center.

Miss Smith indicated that new counselors generally received 20 to 25 hours of empathy training from staff members, who themselves initially received training from a similar women's group in Ann Arbor.

Ruth Useem, professor of sociology, argued that organizations such as the Women's Center provide a "gatekeeping" function to help people reluctant to seek assistance from other, more structured, agencies.

Also at the meeting, the council heard a discussion by Josephine Wharton, coordinator of women and minority training programs, of a report on her office originally presented to the Board of Trustees May 25.

Mrs. Wharton said she hoped eight elementary and advanced business courses and an interpersonal relations course for women and minority employees would be approved for fall term.

Computer applications varied

It would take a legion of old-fashioned pencil-pushers forevermore to match the amount of precise information that University computers spew out automatically in any given day.

The monthly reports of the Computer Laboratory's Application Programming Division, located in a corner of the Computer Center's third floor, show a variety of nonacademic uses of the fast machines. The service supplements the many computer-related classes for MSU students, and the computerized research by faculty and graduate students.

Anders G. Johanson supervises the seven full-time staff members and three part-time student aides of the service. Staff members know how to program the computers for applying individual and agencies on and off campus, and they have expertise in psychology, civil engineering, accounting, mathematics and statistics.

For specialists in animal husbandry, and for the Dairy Herds Institute, monthly and annual inventories and billings are maintained on feed for cows, sheep, pigs, chickens and turkeys. For astronomy, graphs have been made on the intensity of different stars. For the library, a retrieval system operates on some 200,000 documents.

For assorted academic people, socioeconomic analyses are made of the 1970 federal census figures.

The Computer Center keeps the 1970 federal figures for Michigan in its memory bank and has access to about a third of the national census figures through its linkage with the MERIT Computer Network which joins MSU, the University of Michigan and Wayne State University.

For the Department of Public Safety, the computer division keeps monthly records of occupational accidents on campus.

Labels are printed for the extensive mailings of the Lecture-Concert Series.

And records are even kept on the cross-breeding histories of MSU grains.

The major off-campus work done currently by the division involves inventories and ratings of bridges in Michigan in line with new federal regulations. Everything from a 20-foot, one-lane span on up to the Mackinac Bridge has to be rated eventually. The Michigan Highway Department has a standing order with the MSU

A dictionary of building materials has been programmed in categories of quantity, cost-weight relationships, proximity of units in total educational facilities, and other aspects for an architectural firm which specializes in school construction.

Michigan boat use and snowmobile use have been computer-mapped for agencies of the state.



Applications Programming Division for a computerized inventory and ratings. The state department is responsible for 3,000-plus bridges; the MSU division also is checking county bridges.

Off-campus requests also come for analyses of the 1970 census figures. The requests come mainly from tri-county (Ingham-Jackson-Clinton) units of government.

Consulting also is done for people both on and off the campus who think they want computer work done for them, but are unfamiliar with computers, programming complexities or costs. Some procedures do not justify the time and effort involved in programming the information, and applicants are counseled to use noncomputerized methods of analyses.

—FRAN MURRAY

'Venture fund' to aid campus units

Academic units will have a unique opportunity to apply for funds to undertake innovative educational activities, thanks to a \$250,000 "venture fund" grant from the Ford Foundation.

In announcing acceptance of the grant Tuesday President Clifton R. Wharton, Jr., said the funds should open up many opportunities for experimentation in the undergraduate area which otherwise would be impossible due to on-going demands on the University's regular budget.

The award was part of \$2 million in grants announced by the Ford Foundation for 12 midwest colleges and universities under its "Venture Fund" program. MSU's \$250,000 is the maximum amount allotted.

Under the Ford program, the funds are to be used to support special educational activities not covered by an institution's regular budget. The Foundation stipulates that funds are not to be used to support specific on-going innovative programs but rather are "free funds intended to help administrators respond effectively and quickly to future opportunities for reform and improvement."

President Wharton said "Keeping instruction both responsive to the changing needs of students and society, and within the limitations imposed by funds and other resources is a continuing challenge.

"At the very time we need to focus our talent, experience and facilities on this very important task, we find that funds available for research and development rapidly disappearing.

"Therefore, this grant by the Ford Foundation is exceedingly timely and helpful."

He noted that the new grant was verification of the success of MSU's use of another Ford Foundation grant nearly 10 years ago under which the University established its Educational Development Program.

In the intervening years, EDP has made grants directly to faculty for the improvement and modernizing of day-to-day teaching in specific undergraduate courses. The Venture Fund dollars, however, will support projects at the programmatic level and encourage new developments of a broad all-University nature.

Wharton said he was setting up a special panel consisting of himself, Provost John E. Cantlon and Dorothy Arata, assistant provost for undergraduate education, to screen proposals received from academic units. Robert H. Davis, assistant provost for instructional resources, will administer the grant.

Academic units will use the following criteria in applying for use of the funds:

- *To support undergraduate programs that cut across colleges and effect large segments of the University student population;

- *To support innovative approaches and programs which offer new alternatives to improving the quality and effectiveness of undergraduate education;

- *To provide initial support for

programs that show promise of having a long-range beneficial impact on the University.

"The award is especially noteworthy since most of the Venture Fund grants go to small colleges and universities which usually are believed to be the most capable of experimentation and innovation," Wharton said.

"Although MSU is the second-largest campus single campus university in the nation, the grant is evidence that we have established a strong reputation for pioneering in educational change."

In its proposal to the Ford Foundation for a Venture Fund grant, MSU cited its past innovative activities in education. Examples included the multi-faceted advising and teaching programs of University College; the three residential colleges; the Honors College; the Center for Environmental Quality; the Center for Urban Affairs, and the programs for disadvantaged students.

"These programs represent only a sampling of the variety of means employed by MSU to achieve quality, flexible, undergraduate curricula," Wharton said.

He said many others are in various stages of development, but require "starter funds" which the Ford grant should help supply.

In announcing the grants, Harold Howe II, Ford Foundation vice president for education and research, said the 12 institutions were chosen from a "considerably larger group of fine undergraduate colleges and universities in the Midwestern states."

"The institutions receiving awards reflect a spreading vitality and experimental spirit that is beginning to affect many campuses," Howe said.

Creativity explored in new book

What makes a Picasso, an Einstein, a Freud, a free spirit? Some clues are provided in a new book by an MSU psychologist.

Elaine Donelson, assistant professor of psychology, writing in "Personality, A Scientific Approach," names five personal characteristics essential to creativity in the arts and sciences, and in lifestyles.

They are, she writes, tolerance for ambiguity or even a desire for it, openness to experience, childlike traits, self-expression and independence of judgment.

"Creativity in the broadest sense is growth," she writes. "It is a lifestyle, a stance toward oneself and the world which allows one to realize his fullest potential in interaction with his environment."

"Thus, creativity is relevant even to those who have neither the intent nor the ability to produce masterworks of theatre or advances in nuclear physics or great musical compositions."

"A person may be creative in his outlook on himself and life, and this outlook will be reflected in his own personal growth and, at the same time, in the interpersonal relationships which link him with his fellow man."

Creative people, she writes, are more willing than other people to take risks when they believe their own efforts and abilities will make a difference in the odds. Additionally, they prefer or even need variety and complexity in their lives.

"The person with the openness to experience which is necessary for the development of creative potential can explore the unusual in the world and in himself without using distorting defenses to make internal and external events appear safer and more orderly than they really are," she says.

"He may experience anxiety as he faces the complex and ambiguous, but he has sufficient ego strength to control his anxiety and perhaps use it to good end."

Social pressures against creative functioning begin early in life, at school and at home, she writes. Teachers have difficulty with spontaneity, initiative and creativity in often crowded classrooms. Parents sometimes counter creativity because of their own concerns about financial security, class status, and their children's school grades.

("Personality, A Scientific Approach," 600 p., is published in the "Century Psychology Series," by Appleton-Century-Crofts, Educational Division, 440 Park Avenue South, New York, NY 10016.)

...Strike

(Concluded from page 1)

percent for the first year and 6 percent for the second.

*Improved hospitalized payments, with the University absorbing any premium increase this year and paying 95 percent of full family and two-person coverage the second year (up from the present 90 percent).

*An increase from \$6,000 to \$6,500 maximum in the salary base on which longevity pay is computed.

*An improved contributory life insurance plan, and the establishment of a non-contributory plan as a result of conversion of a former death benefit program.

*Established of "flat rating" for all Local 1585 classifications no later than July 1, 1974.

Additionally, agreement was reached on several other issues, including the "maintenance mechanic" classification in Local 999, modifications in the grievance procedure and improvements in the promotional program.

Death

Henrietta Pree, 34, a nutrition aide with the Cooperative Extension Service in Monroe County, died July 19 in Monroe.

The only requirement to join Mensa is brains

The dues are low, there are no passwords or secret handshakes, no religious or political affiliation is necessary, and nobody will ask you to march in the Memorial Day Parade.

All you have to do to become a member of this organization is be smart—very smart—and be able to prove it.

The organization is Mensa, an international society of people whose IQ's put them in the top 2 per cent of the general population.

Roy Saper, who graduated from MSU in June and who will enter graduate school in the fall, has been a member of Mensa for four years. This summer, he's conducting a one-man recruiting drive on campus to try to establish a local chapter of the organization.

Saper says one person in 50 is qualified to belong to Mensa, and on a university campus the percentage should be considerably higher. He hopes to have a local chapter in operation this fall.

Activities of the organization consist principally of roundtable discussions (hence the latin origin of the name, meaning "table") on topics of mutual interest.

Within the organization there are special interest groups who pursue a range of specific interests running from the serious to the frivolous and including bridge, philosophy, nude sunbathing and Japanese rock gardening.

Mensa also funds the Mensa

Education and Research Foundation (MERF), which conducts research in the social sciences using members as subjects or as a control group.

The organization also sponsors a number of programs for gifted children through affiliations with gifted children's associations throughout the country.

Members of the organization need have only one thing in common—intelligence.

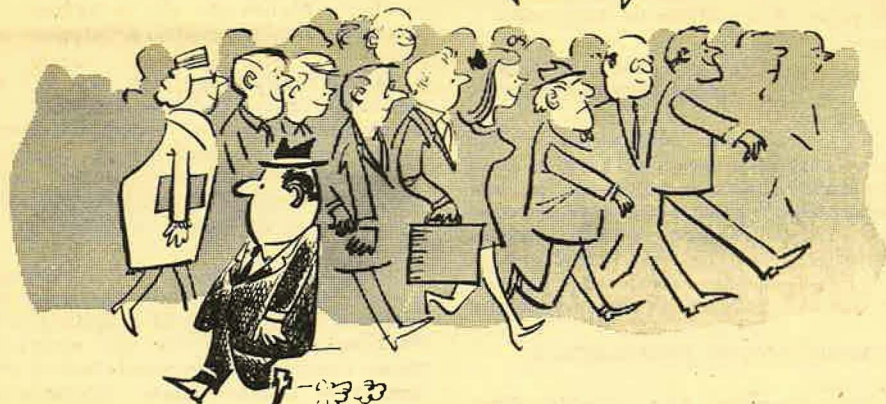
"Whenever members get together," Saper says, "you usually have a group that knows at least a little bit about everything."

In order to join the group, you must pass two intelligence tests sent from the national headquarters of the organization in New York. The first is a preliminary test, taken privately, at a charge of \$5.00. With a qualifying score on that test, a second supervised examination is given that actually determines membership eligibility. The fee for that test is \$8.50.

Membership qualifications can also be established by submitting proof of achieving a high score on one of the standard IQ or scholastic aptitude tests such as the College Board or SAT (combined score of 1300 required), Miller Analogies (raw score of 66), or the Wechsler Adult Intelligence Scale (IQ of 130).

Anyone interested in Mensa can contact Roy Saper any afternoon in 201 Berkey Hall, phone 353-5187, or write to American Mensa Limited, 50 East 42nd St., New York, N.Y. 10017.

— MIKE MORRISON



ONE OUT OF EVERY 50 PEOPLE QUALIFIES FOR MENSA

Prof wants new teacher ed format

It usually happens the same way. A college student decides to become a teacher, she takes a series of education courses with a sprinkling of trips to an elementary or secondary school. Then near the end of her undergraduate career, she spends a semester or term in a school as a student teacher.

Well, that's just not going to produce good teachers anymore, says W. Henry Kennedy, director of the Office of Student Teaching.

"I believe strongly that the conventional format in which a student in training is matched one - to - one with a supervising teacher in a classroom and in which the college supervisor drops in from time to time to pass judgment has got to go," he says.

"We have played that game for too long and haven't seemed to realize that the rules have changed.

"We cannot continue to try to prepare professionals with an apprenticeship method perfected for training tradesmen and must soon see that learning at the hand of the master is too slow, too restrictive, too

unreliable, and too certain to protect us from any breakthrough in teacher quality."

What Kennedy would like to see is a combination of field experiences and competency based education.

Those are the words professional educators use, but in the terms of the layman it means this — first, let's have more courses taught on the spot in elementary and secondary schools with college professors out there guiding their students.

Second, let's break down into small parts what it takes to be a good teacher. The college student will study a particular skill or knowledge, try it out and then be evaluated. If she doesn't do it as well as she should, then she will approach it again, perhaps from a different angle. When that "competency" is mastered, she will move on to the next.

But it's not all that simple. No one has really identified yet exactly what it takes to be a good teacher, nor does

anyone know how to judge if a person has acquired that knowledge and skill.

Kennedy emphasizes that it is definitely not enough just to give students more time in elementary and secondary classrooms.

"The distinct likelihood is that such a move will not increase the quality of the experience but rather will only provide students with an opportunity to repeat the same experience, sometimes over and over again," he says.

"This change in our concept of teacher education requires a dramatic readjustment in our thinking about means and ends," he continues. "We need to do more than tinker with content. We need to start with the behavior expected of teachers and their teaching roles, and then organize what would likely emerge as a whole new professional education content..."

No longer would student teaching last just a term or a semester. It would continue until the "competencies" had been achieved, be that shorter or longer than the traditional method.

Smart people poll

Have you ever wondered what those endless public opinion polls would look like if they were conducted only among smart people?

At the recent Annual Gathering of Mensa members in Louisville, Ky., an opinion survey was distributed covering a number of current interest topics. Respondents numbered 268. Below are some selected questions and responses.

	Yes	No	Undecided
Do you think President Nixon has told all he knows about Watergate?	3.4%	91.4	3.7
Has the President lied in any of his public statements about Watergate?	64.6	15.7	18.7
Do you favor legalization of marijuana?	66	23.9	9.7
Do you favor legalization of abortion?	87.3	9.3	2.6
Do you favor legalization of prostitution?	68.3	14.6	14.9
Do you favor legalization of gambling?	75.0	12.7	11.2
Do you think President Nixon should be impeached?	25.8	51.5	22.4
Should the U.S. continue to be militarily active in Cambodia?	13.1	76.5	10.5
Have you ever used marijuana?	39.9	54.7	
Do you think that a president should lie if in his judgment such is required for "national security?"	34.7	50.8	12.3
Have you ever had any type of psychotherapy?	33.6	65.3	
Do you believe in astrology?	13.4	68.3	16.4
Do you favor bussing as a means of achieving balanced racial distribution in schools?	19.4	64.9	14.2
Do you believe in open marriage?	54.9	23.1	16.0
Should the space program be continued?	81.0	9.0	8.6

Great Issues to focus on individual freedom

"Individual Freedom in a Mass Society" is the theme of the Great Issues Course to be given this fall through University College.

For the first time, Great Issues courses also will be provided for credit off campus in cooperation with the Continuing Education Service and the Cooperative Extension Service. "Women in Society" will be the course topic at Traverse City, and "Science and

Technology and their Impact on Society" will be examined at Benton Harbor.

The individual freedom theme for the on - campus course was one of the top choices for study in a student poll conducted last year.

Some of the individual subjects will be the philosophy of freedom, economic and political freedom, freedom in the media, impact of technology on freedom, freedom in the arts, covert cultural patterns affecting individual freedom and alternative patterns of freedom.

Lawrence W. Krupka professor of natural science, is chairman of the Great Issues Course, and Perry E. Gianokos, ATL professor, is coordinator of the freedom course.

Faculty and administrators who will lecture on different aspects of freedom are Walter Adams, Distinguished University Professor of economics; Martin Benjamin, assistant professor of philosophy; Eric Gentile, assistant coordinator of programs for handicapped students; Gianokos and Krupka.

Others will be Sandra L. Gustafson, instructor in American Thought and Language; Ruth Hamilton, associate professor of sociology; Joseph Lee, professor of humanities; Gerhard H. Magnus, professor and chairman of art; Gerald R. Miller, professor of communications, and John D. Molloy, professor of social science.

Eldon R. Nonnamaker, vice - president for student affairs; George S. Paulus, associate professor of social science, and Cyrus S. Stewart, associate professor of social science, will lecture also.

Great Issues will be offered in two sections: Monday, Tuesday and Thursdays in the morning, and the same three days in the afternoons.

Prof warns senate against export quotas

The United States should not resort to agricultural export quotas to meet problems in this country created by a tight feed supply and rising livestock prices until all other alternatives are exhausted, according to Lawrence Witt, professor of agricultural economics.

And Witt, testifying before the Senate Foreign Agricultural Policy Subcommittee July 11, said a number of more feasible alternatives are available.



LAWRENCE WITT

He said the imposition of export restrictions might be an attractive option for U.S. farmers and consumers at the moment, but would have a long-term adverse affect on this country's international trade, and particularly its position in trade policy negotiations.

"We have asked and will continue to ask our trading partners to make their markets more available to us," Witt said. "Our reciprocal responsibility is to make our supplies available to them."

"Export controls are just as much a violation of the spirit of mutual trading as import controls and tariffs. While we may be able to get away with a temporary export control for one or two commodities in a special situation, any suggestion that this is permanent policy can only stiffen their resistance to the trade concessions we ask them to make."

He added that such programs also underrate the great productivity of American agriculture for both domestic and world markets, and neglect the country's need to expand exports in order to earn a foreign exchange.

Witt said a number of factors account for the tight feed supply and high livestock prices:

*Inflation as a way of life

*Rising incomes that have shifted diets and consumer demand towards more livestock products, both at home and abroad

*Two devaluations of the dollar that have made U.S. farm products competitive in prime overseas markets

*Poor harvest in many countries that have sent buyers scurrying for supplies

*Traders' fears of continued price increases that have generated accelerated commitments to gain inflationary profits

*The slowness of U.S. policy makers to accept the changing situation.

Three alternatives suggested by Witt were a reduction of the price differential of wheat relative to corn to make low grade wheat, now being stored as surplus by the government, available as livestock feed; a greater use of urea and synthetic amino acids as a partial substitute for expensive soybean meal; and the greater use of diverted acreage to stimulate feed and livestock production.

Witt said another requirement for a long range solution is a renewed emphasis on agricultural research.

"For decades, improvements in agricultural technology have expanded farm productivity more rapidly than consumer demand," he testified. "Past agricultural policies including a substantial research program, have encouraged this expansion."

"The reversal of this trend became evident during the past year, although the reversal process has been of somewhat longer duration. In short, the expansion of the domestic and world markets for livestock and other higher quality food products, coupled with dollar devaluation, make it likely that never again will food be the bargain it was in the 1960's, in terms of work hours."

"If support for agricultural research continues to dwindle, this certainly will be true and we will have poorly served the general public."

Achievements

MSU extension - research editors received a number of awards from the American Association of Agricultural College Editors meeting in Guelph, Ontario, earlier this month. Blue ribbons were awarded for "Insect Alerts," a weekly newsletter edited by MARY TYSKIEWICZ, and written by RICHARD SAUER, associate professor of entomology; a Farmers' Week radio spot announcement produced by ROGER BROWN; a direct mail flyer, "Greenhorn Ecology," edited by KEN FETTIG, designed by BARBARA BROWN, and written by extension leader JIM NEAL and Professor of Forestry LESTER E. BELL; and for several staff - prepared packets to daily newspaper and magazine services.

GEORGE E. ROSSMILLER, associate professor of agricultural economics, recently was honored for "outstanding services" to the Republic of Korea. Rossmiller was project leader of an MSU agricultural sector study in Korea from August, 1971, until last month.

CLIFFORD L. BEDFORD, professor

of food science and human nutrition, recently received a plaque from the Michigan Cannery and Freezers Association in recognition of his contributions to the food processing industry in the state.

D.R. HELDMAN, professor of agricultural engineering and of food science and human nutrition, has been given an ASAE Paper Award by the American Society of Agricultural Engineers. He was co-author of "An Analysis of the Thermal Properties of Dry Food Powder in a Packed Bed" published in Transactions of the ASAE in 1972.

LEONARD R. KYLE, professor of agricultural economics, has been appointed to the Agri - Business and Rural Affairs Committee of the U.S. Chamber of Commerce. He is the only member of the committee representing an agricultural college. The committee will meet in October to discuss corporation farming and the contribution of agri - business to agricultural production and efficiency.

Books

HERBERT J. OYER, dean of the College of Communication Arts, has co-authored a chapter on "Aural Rehabilitation," which appears in the current revision of "Modern Developments in Audiology," published by Academic Press, Inc.

JOANNE B. EICHER, professor of human environment and design, has co-authored an introductory college - level text dealing with clothing from physical, aesthetic and social perspectives. HOLLY SCHRANK, assistant professor, wrote the accompanying Teacher's Manual, and ANN SLOCUM, instructor, contributed

a chapter on "Economic Dimensions of Dress." Both are members of the Human Environment and Design Department. The book, "The Visible Self: Perspectives on Dress," has been published by Prentice - Hall, Inc.

GEORG BORGSTROM, professor of food science, has written "World Food Resources." The book is part of an ecology series published by Intext Educational Publishers.

ELLEN MICKIEWICZ, associate professor of political science, has written "Handbook of Soviet Social Science Data," published by New York Free Press.

MSU Positions Available

IMPORTANT: Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353-4334 by July 31, 1973 and refer to the vacancy by the position number. Fuller descriptions of positions are available in departmental postings. Instructional staff applicants should contact departments noted.

FACULTY

Instr. (temporary, non-tenure stream) Dept. of Humanities (ABD-all but dissertation) Prefer English, History, or Philosophy background. Must have a desire to teach interdisciplinary courses dealing with the successive major cultural eras of western civilization from Greece to the present.

Contact: Franklin D. Platt
Dept. of Humanities

Asst. Prof. MSU/AEC Plant Research Laboratory (Ph.D.) Strong background in physics and/or chemistry, a familiarity with the molecular details of cell growth and regulation, a talent for experimentation, the ability to formulate and develop an independent program that supplements and complements the interests of the PLR staff, and an interest in discovering and extending the potential of plants to do things useful to man.

Contact: Anton Lang, Director
Plant Research Laboratory

Asst. Prof. with administrative duties. Community Medicine and Office of Dean Osteopathic Medicine (Doctorate or near completion) Four years experience related to institutional research, systems analysis, management, and university administration.

Contact: Myron S. Magen, Dean
College of Osteopathic Medicine

ADMINISTRATIVE-PROFESSIONAL

592. Counselor 12 - Provides direct counseling services to MSU students who have social, emotional and/or vocational problems.

Performs psychotherapeutic activities for individuals or groups. Supervises and trains practicum students in school counseling, clinical psychology and social work. M.A. in social work, counseling or a related field. \$12,200-17,100

593. Manager Food Service 10 (B.A. in Food Preparation and Service) Manages the financial, personnel and operational activities of a Univ. food service facility. Prepares food and labor cost analysis. Instructs and supervises personnel engaged in food preparation, handling, storage, sanitation and distribution. \$10,300-14,500

594. Asst. Manager Residence Halls 10 (B.A.) Assists in the management of food service, housing and maintenance activities and coordinates the supervision of service personnel in a Univ. residence hall complex. Plans and assigns work activities including preparation of reports, fiscal records and service charges.

595. Administrative Assistant 8 (Assoc. degree) Maintains and reconciles detailed budgets for unit accounts. Supervises support staff. Serves as liaison for complaints or inquiries requiring interpretation of policies and procedures to faculty, staff, students, alumni and public. Assists in solving operational problems and employee complaints and grievances. \$8,700-12,300

CLERICAL-TECHNICAL

596. Sr. Laboratory Technician IX (M.S. preferred with strong background in biochemistry or chemistry) Performs in protein and carbohydrate biochemistry. Work involves operation of amino acid analyzer and

other automated analytical instrumentation. Previous research experience and familiarity with analytical instrumentation is essential. \$8,384-10,418

597. Laboratory Technician VIII (B.S. in Biology, Biochemistry, or Medical Technology) Performs specialized tasks in research facility preparing culture media, statistically analyzing data, staining and examining slides and operating mechanical and electrical research apparatus. Takes care of animals used in experiments. \$3,59-4,60/hour

598 - 600. Executive Secretary VIII (3 positions) Excellent typist. Various skills for each position some include: shorthand, supervisory capacity, knowledge of Univ. procedures, handle correspondence on own and compose letters. \$7,473-9,576

601. Medical Technician VII (2 positions) Obtains patient blood pressures. Performs EKG's. Draws routine blood samples. Maintains standard medical forms for clinic patients. Assists in clinic charting procedures. Clinic or hospital experience involving patient contact preferred. Cardiopulmonary technician training preferred. \$3,20-3,98/hour

602-604. Sr. Dept. Secretary VII (3 positions) Various skills for each position. Some include shorthand, typing, familiarity with veterinary and human medicine vocabulary. Extremely flexible work routine. \$3,20-3,98/hour, \$6,660-8,272, and one position at 3/4 time \$4,995-6,204

605. Office Assistant VII - Performs general reference work in the field of industrial relations assigned to MSU library. Performs moderate clerical and secretarial duties. Assumes complete responsibility in the absence of librarian. Library experience is required. \$6,660-8,272

606. Principal Clerk VI - Excellent typing and shorthand skills. Familiarity with MSU office procedures desirable. Secretary to an associate director of a large department. \$6,436-8,048

607. Dept. Secretary V - Type 70wpm. Knowledge of Univ. ledgers desirable. \$6,267-7,389

608-610. Senior Clerk - Stenographer V (4 positions) Good typist, public contact, knowledge of Univ. procedures. \$6,267-7,389

611. Sr. Account Clerk V - Type 50 wpm. Bookkeeping knowledge. Math aptitude. \$6,267-7,389

612. Sr. Clerk IV - Filing and typing. Clinic or hospital experience preferred. \$5,735-6,926

613. & 614. Sr. Library Clerk IV - Medical library clerk. Science library experience desirable. Other position is Serial Recorder/Claims. \$5,735-6,926

615. & 616. Account Clerk III (2 positions) type 40 or 45 wpm. Math aptitude, bookkeeping machine operator. \$5,511-6,562

617. Clerk-Stenographer III - Accurate typist. Knowledge of basic office machines. \$5,511-6,562

618. Clerk-typist II - Accurate typist. Filing. General office work. \$5,440-6,422

619. Clerk I - Accurate typist. Filing. \$2,55-2,95/hour

MICHIGAN STATE UNIVERSITY IS
AN EQUAL OPPORTUNITY EMPLOYER

EXHIBITIONS

HIDDEN LAKE GARDENS, TIPTON, MICHIGAN

One hundred thirty varieties of annual flowers including 114 petunia varieties are now on display in beds and containers. Woodlands, water and wild life are year-round features. Open daily 8 a.m. until sundown.

LIBRARY

"Faraway Places," a current exhibit at the library, features maps, travel accounts, itineraries, illustrations and other guides and advice for the 17th, 18th and 19th century traveler. One item, "The Gentlemen's Pocket Farrier," is described as "showing how to use your horse on a journey and what remedies are proper for common misfortunes that may befall the traveler on the road." Library hours are 8 a.m. to 10:50 p.m. weekdays, 9 a.m. to 4:50 p.m. Saturdays, and 2 to 10:50 p.m. Sundays. Admission is free.

BULLETINS

MSAU

The Married Student Activities Unit has openings for children one to five years old starting immediately in the five-week program. Children of students and faculty welcome through August 31. For additional information, call 3-5154.

FALL ENROLLMENT

All Registration Section Request Forms for students who plan to return for the 1973 fall term are due in the Office of the Registrar, Room 150 Hannah Administration Bldg., no later than Wednesday, Aug. 15.

REVISED CLASS LISTS

Revised class lists, including all the names of students enrolled in each course and section as of Aug. 3, will be delivered to departmental offices on Monday, Aug. 6. The lists should be checked immediately and questions directed to the Office of the Registrar, telephone 3-0731 and 5-9596. Final grade cards corresponding to the students listed on these class lists will be distributed. To insure proper distribution of grade cards all discrepancies must be cleared prior to Aug. 14.

SEMINARS

TUESDAY, JULY 31, 1973

Methyleneoxindole pathway and auxin activity. V. Tuli, California College of Medicine, Dept. of Microbiology, U. of California, 4 p.m., 209 Horticulture. **Horticulture.**

THURSDAY, AUGUST 2, 1973

Effects of products made from sugars on dental caries in the rat. Charlotte Thompson, 12:30 p.m., 206 Food Science. **Food Science and Human Nutrition.**

Effect of high carbohydrate diets on lipid accumulation in the rat. Glenna Winnie, 12:30 p.m., 206 Food Science. **Food Science and Human Nutrition.**

CONFERENCES

July 1-Aug. 11	Clarion Writers Workshop, Dormitory
July 1-Aug. 26	Summer Figure Skaters, Dormitory
July 8-Aug. 3	Telephone Engineering Conference
July 8-Aug. 10	Hospital Purchasing Agents
July 23-Aug. 3	Great Lakes Church Leadership School, Dormitory
July 23-Aug. 17	Service Club Management
July 29-Aug. 3	Football II (Athletic Instruction School), Dormitory
July 29-Aug. 3	Tennis (Athletic Instruction School), Dormitory
July 29-Aug. 3	Golf (Athletic Instruction School), Dormitory
July 29-Aug. 4	Hotel Personnel Managers Workshop, Singapore
July 29-Aug. 4	Girl Scout Executive Director Workshop
July 29-Aug. 11	Outdoor Recreation Safety Workshop, Dormitory
July 30-Aug. 3	Workshop in the New Social Studies, Dormitory
July 31-Aug. 2	18th Annual Piano Teachers Conference
Aug. 5-10	National Summer Gymnastics Clinic, Dormitory
Aug. 5-10	American Federation of Government Employees, Dormitory
Aug. 5-10	International Council of Shopping Centers
Aug. 5-11	Hotel Personnel Managers Workshop, Hanover, West Germany
Aug. 6-11	Marching Band Clinic I, Dormitory

All conferences will be held in Kellogg Center unless otherwise noted.

Students and faculty members are welcome to attend these continuing education programs. Those who are interested should make arrangements in advance with the Office of University Conferences, 5-4590.

MUSEUM

Puppets dating back to the 1800's, along with 200 other exhibits in natural science and history, are on display at the Museum throughout August. Museum hours are 9 a.m. to 5 p.m. weekdays, and 1 to 5 p.m. weekends. Admission is free.

KRESGE ART GALLERY

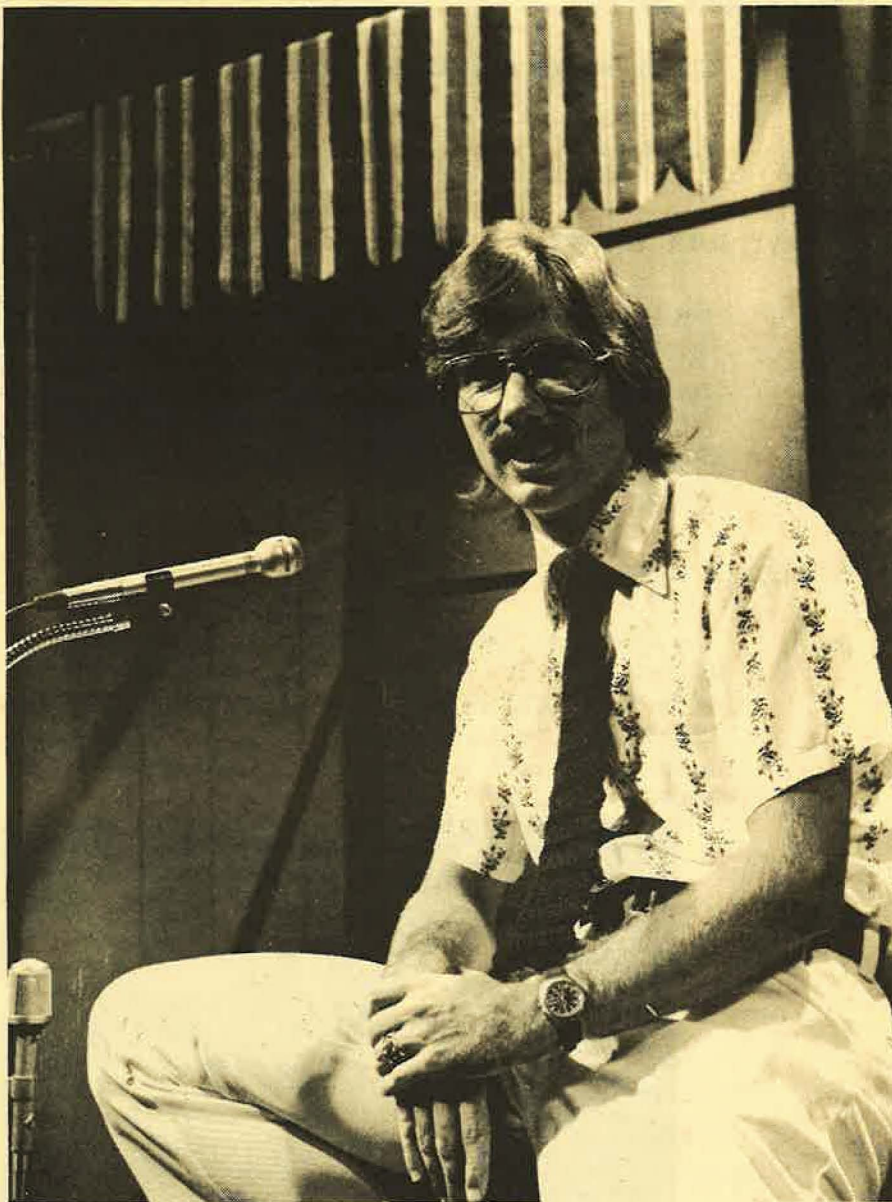
During the summer, the Kresge Art Gallery is exhibiting recent gifts to the Permanent Art Collection. The recent acquisitions include works in various media. Two small groupings of photographs by Richard E. Arentz and Lorenzo DeSantis are displayed in the Entrance Gallery. The main exhibition is in the last part of the Entrance Gallery and the North Gallery. Gallery hours are 9 a.m. to 5 p.m. weekdays, 7 to 9 p.m. Tuesdays, and 1 to 4 p.m. Saturdays and Sundays. Admission is free.

HALF-TERM GRADES

Final grade cards for the half-term are due in the Office of the Registrar, 150 Hannah Administration Bldg., telephone number 5-9596, 36 hours after final examinations are given. For the convenience of academic departments, the Office of the Registrar will make pickups from departmental offices beginning Thursday, July 26. The final pickup will be made Monday, July 30, at 8 a.m. All grades are due no later than 11 a.m., Monday, July 30.

LECTURE-CONCERT

Sept. 7 has been set as the final day of sales for the University Series (A) and the Lively Arts Series (B) season tickets. Both series are now 75% sold out, indicating the largest advance ticket sale in Lecture-Concert Series history. Among the featured attractions for the 1973-74 season are: Van Cliburn, the Preservation Hall Jazz Band, the Leningrad Philharmonic and the Broadway musical, "No, No, Nanette." Since season tickets offer a 50% savings over single ticket prices, all new patrons are urged to act now before the supply of season tickets is exhausted. Visit the Ticket Office, Union Bldg., weekdays from 8:15 a.m. to 4:30 p.m. Phone 5-3361 for current brochure and seating availability. Bank Americard and Master Charge accepted.



Tim Skubick hosts "The Summer Place" on WKAR-TV, Channel 23, at 7 p.m. Thursdays. This week, the hour-long variety show will feature Joe Falls (sports editor of the Detroit Free Press), Robert Green (director of the Center for Urban Affairs), and Jimmy Launce (one of the highest rated disc jockeys in Detroit). Future guests will include: Arnold Werner of "The Doctor's Bag," Martha Smith—Playboy's Miss July, and Bob Talbert, columnist for the Detroit Free Press.

THURSDAY, JULY 26, 1973

- 8 p.m. Carillon concert—Wendell Westcott will continue his special July concerts on the 47-bell Beaumont Tower Carillon. The tower will be open so visitors can watch him play, and he will conduct tours following the performance. It is suggested that listeners remain several hundred feet away from the tower to hear the bells most effectively.

FRIDAY, JULY 27, 1973

- 8 p.m. "Astrology and the Zodiac" enters the Age of Aquarius and explores the fascinating subject of astrology and the lore of its zodiac. The show tells the intriguing history of the ancient practice of astrology and the influence of the stars on human affairs and terrestrial events. Following the 8 p.m. show there will be a brief presentation for skywatchers. Tickets available 30 minutes before showtime. No preschoolers. Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see above). Abrams Planetarium.

SATURDAY, JULY 28, 1973

- 2:30 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 8 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.

SUNDAY, JULY 29, 1973

- 4 p.m. Carillon concert (see July 26). Beaumont Tower.
- 4 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.

TUESDAY, JULY 31, 1973

- 8 p.m. The last of Wendell Estcott's summer carillon concerts (see July 26). Beaumont Tower.
- 8 p.m. Piano recital by John Perry will be presented as part of the 18th Annual Piano Teachers Conference being held on campus through Aug. 2. Free Admission. Kellogg Center Auditorium.

WEDNESDAY, AUGUST 1, 1973

- 7 p.m. The film series, "Director's Choice," will present two Alfred Hitchcock films as a preview to the fall series which will focus on his work. "The 39 Steps," will begin at 7 p.m. with "The Lady Vanishes" following at 9:15 p.m. The films will be shown in the reverse order on Wed., Aug. 8. Admission is \$1.25. Fairchild Theatre.



Robert Donat quiets Madelene Carroll in a scene from "The 39 Steps." The chase story about a Canadian mistaken for a murderer has been called the "model spy film."

- 8 p.m. Piano recital by Garry Schunk will be presented as part of the 18th Annual Piano Teachers Conference. Free admission. Kellogg Center Auditorium.

- 9:15 p.m. The film series "Director's Choice" presents "The Lady Vanishes" (see above). This Hitchcock film stars Michael Redgrave and Margaret Lockwood in a suspense thriller about the disappearance of an elderly lady on a train. Fairchild Theatre.

FRIDAY, AUGUST 3, 1973

- 8 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see July 27). After this performance there will be a special Moog synthesizer concert performed by Richard Posner who is here from Connecticut attending the Clarion Science Fiction Writers Workshop. Abrams Planetarium.

SATURDAY, AUGUST 4, 1973

- 2:30 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 8 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see July 27). Moog concert following the 10 p.m. show (see August 3). Abrams Planetarium.

SUNDAY, AUGUST 5, 1973

- 4 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.

WEDNESDAY, AUGUST 8, 1973

- 7 p.m. The film series "Director's Choice" presents "The Lady Vanishes" (see August 1). Fairchild Theatre.
- 9:15 p.m. The film series "Director's Choice" presents "The 39 Steps" (see August 1). Fairchild Theatre.

FRIDAY, AUGUST 10, 1973

- 8 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.

SATURDAY, AUGUST 11, 1973

- 10 a.m. The Marching Band Clinic being held on campus will present a series of half-time shows on the intramural fields located between Wilson and Shaw Lanes, near Owen Graduate Center. Six bands will each present a 15-minute half-time show open to the public.
- 2:30 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 8 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.
- 10 p.m. "Astrology and the Zodiac" (see July 27). Abrams Planetarium.