

Legislative report

Money bill by July 1?

With hopes continuing that the Michigan Legislature will pass state appropriations for MSU by July 1, the higher education appropriations bill was approved by the House of Representatives this week.

The powerful House Appropriations Committee added some \$2 million to the \$69.7 million which was approved by the Senate on June 14. This action moves MSU closer to the \$73.1 million recommended by Gov. William G. Milliken in his budget recommendations for 1972-73.

The University started the budget process last fall with a request for \$88.9 million. MSU received \$64 million in state appropriations for 1971-72.

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IN ADDITION to increasing money for higher education, the House Appropriations Committee is also recommending changes in the Senate bill which will allow schools to be planned and started at MSU, Grand Valley State College and Western Michigan University no later than 1973, providing each institution can raise \$500,000. A line item of \$100,000 to implement planning of the three law colleges was also added to the appropriations bill.

The law school section of the bill produced a great deal of discussion June 14 when the appropriations bill was before the Senate. Sen. Phillip O. Pittenger (R) of Lansing objected to the State Appropriations Committee's action in not providing funds to start a law college at MSU.

* * *

PITTENGER ALSO expressed concern that MSU would be required either to conduct a feasibility study or delay action while the other two institutions conducted studies. He pointed out that the Legislature had already conducted such a study during 1971-72 which called for the establishment of a new college of law at MSU.

With House approval of the higher education appropriations bill, it will probably go before a conference committee representing both houses where differences between Senate and House versions will be resolved.

— MIKE BORN

FGO search underway

Nominations for a faculty grievance officer have been submitted to the search and selection committee.

E. Fred Carlisle, associate professor of English and chairman of the committee, said the nominations were received by June 9 and include "many good people." He would not disclose the number or names of the nominees.

Although the committee has a tentative deadline of Aug. 19 for appointment of the grievance officer, Carlisle said the selection process may take longer.

"But we hope to have someone as soon as possible," he said.



— Photo by Dick Wesley

Graduates at the spring commencement exercises were ushered into the "fellowship of educable human beings." Speech excerpts are on page 5.

MSU News-Bulletin

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Michigan State University

June 29, 1972

Single retirement program set to become effective on Jan. 1

A totally new retirement plan that ultimately will provide a single TIAA-CREF retirement program for all faculty and staff has been announced by President Wharton. (A full text of his announcement is on page 4 of today's paper).

TIAA-CREF (Teachers Insurance and Annuity Association — College Retirement Equities Fund) participation has been available only to faculty, administrators and administrative -

professional employees. Plans to change the University's retirement structure first were presented in March (News - Bulletin, March 2).

Under provisions of the system, a single TIAA-CREF plan begins for all employees on Jan. 1, 1973, with these guidelines:

*TIAA-CREF will be offered to all permanent employees with at least three years' service.

*TIAA-CREF will be required for

those who have reached 35 and have three years' service.

*Employees 55 or older on Jan. 1, 1973, will have the option of receiving benefits solely from an improved noncontributory retirement plan formula (with the annual ceiling increased to \$3,600) or through TIAA-CREF participation.

*Those between 35 and 55 with three years' experience as of next Jan. 1 may

(Continued on page 4)

Use of 'people movers' will be tested in transportation study on the campus

MSU's campus will be used as a laboratory for the study of new urban transportation methods beginning later this summer.

At its meeting last Friday (June 23), the Board of Trustees approved an arrangement with the State Commerce Department's Bureau of Transportation to allow the bureau to study the feasibility of introducing "people mover" systems to the campus.

(Other board actions are detailed on page 6).

The outcome of the study could mean construction of transportation systems on campus that would be used as prototypes for later networks in the state's urban centers.

The study, expected to take between four and six months, will look at the entire campus, but emphasis will be placed on a possible "people mover" between East Fee Hall and Life Sciences I, the two facilities principally housing MSU's medical programs.

There is frequent movement between the two facilities, which are close

enough for a small-scale prototype system yet far enough apart to make walking inconvenient, particularly in the winter.

The cost of the study will be borne by the Commerce Department with the exception of about \$15,000 that MSU must provide to satisfy statutory requirements for state financial assistance. Bureau of Transportation Director E. C. Mackie said the campus was selected for the study because it has a large number of people moving frequently between a number of points in a relatively spread out yet easily defined area.

University Architect Robert L. Siefert added that MSU is a logical site because most of the preliminary information needed has already been collected for other purposes.

"We have accurate information on where people live and at what times they must move between points on campus," he said. "We also have records of the number of automobiles, bicycles and buses operating on campus."

He noted that most of this information is computerized and easily accessible for the Commerce Department study.

Mackie said the Bureau of Transportation has studied a number of "people mover" systems, and "we are satisfied that the technology is available for such systems."

"We are now interested in studying the economic feasibility of such systems and learning how to build them with a minimum of environmental intrusion," he said.

Mackie explained that "people mover" is a catchword for a number of vehicles designed to transport people quickly and without congestion. Such vehicles range from monorails to electric buses.

"What we are talking about is a type of horizontal elevator," he said.

He gave no indication of the type of vehicles that might be operated at MSU as a result of the study.

— MIKE MORRISON

Science notes

Big science: Is it here to stay?

"... I am constantly employed in observing the works of nature and tracing the manner in which she directs the order and arrangement of the world."

— Michael Faraday, 1813

Physicists from several universities, including MSU, have begun one of the first experiments at the world's largest particle accelerator, at Batavia, Ill.

Few nations can afford the breed of machine — atom smashers, their more humble cousins were called — created for such investigations. The accelerator cost some \$250 million.

With adjustments, or perhaps an added booster ring, the monstrous device could be refitted to hurl bits of matter at velocities near that of light and at energies of the order of 1,000,000,000,000 electron volts.

* * *

BIG SCIENCE IS STILL here, but is it here to stay? Should \$250 million, plus money for one of the world's largest electric bills, be put to a different use?

"These are good questions and the most important long - range benefits of high - energy research are presently beyond the comprehension of man," says Gerald A. Smith, professor of physics, who directs the MSU experiment at the National Accelerator Laboratory (NAL).

Books

A book that traces the history of the College of Human Ecology — "From Home Economics to Human Ecology" — has been published to commemorate the college's 75th anniversary.

It is coauthored by JEANETTE LEE, dean emeritus; KATHERINE HART, professor of food science and human nutrition; and ROSALIND MENTZER, assistant dean.

The 50-page publication cites the introduction of the Women's Course here (in 1896) and includes development of home economics through the 20th century. It features a look toward the college's 100th year (1996) through brief statements from 12 faculty members.

Also included are remarks from President Wharton and Acting Dean Robert Rice, and drawings by Robert L. Brent. Copies are available from the dean's office in human ecology.

* * *

"A Certain Degree: A Guide to Contemporary College Life" has been written by ANDREW M. BARCLAY, WILLIAM D. CRANO, CHARLES THORNTON and ARNOLD WERNER. Barclay and Crano are psychologists, Thornton is a counselor to minority students and Werner is a psychiatrist. The book, a guide to students living at home who want more independence, is a sequel to an earlier work, "How To Do a University." It is published by John Wiley and Sons, New York.

HOWARD BRIGHTON, associate professor and south - central regional director of the Continuing Education Service, is the author of two new books, "Utilizing Teacher Aides in Differentiated Staffing" and "Handbook for Teacher Aides." Both are published by Pendell Publishing Company, Midland.

CHARLES C. HUGHES, professor of anthropology and psychiatry, and JOHN M. HUNTER, professor of economics, wrote on "The Role of Technological Development in Promoting Disease in Africa" for "The Careless Technology: Ecology and

International Development." It is published by The Natural History Press, Garden City, N.Y.

BERNARD C. LEMKE, professor of accounting and financial administration, is a contributing editor of the "Handbook for Auditors," published by McGraw - Hill.

GEORGE C. MEAD, associate professor of accounting and financial administration, is a coauthor of "CPA Review Manual 4/E" published by Prentice - Hall. It was written with Herbert E. Miller, a former member of the MSU faculty.

WILLIAM M. SEAMAN and CAROLYN J. MATZKE are coauthors of "Forum Romanum," published recently by the American Classical League. It is an illustrated guide and textbook for tours in Rome, and courses in Roman topography and archaeology. Seaman is professor of classical studies and Miss Matzke is an assistant professor of classical studies.

LEE S. SHULMAN, professor of educational psychology, has written on "Research on Teaching in the Natural Sciences" for the "Second Handbook of Research on Teaching" to be published in 1972.

DOLORES D. WHARTON, wife of President Wharton, has written "Contemporary Artists in Malaysia," a compendium of biographical sketches of 32 Malaysian artists and examples of their work. Mrs. Wharton compiled material for the book under sponsorship of the Malaysia - Singapore Council of the Asia Society. It was printed in Kuala Lumpur by the Union Cultural Organization.

Two elected to FSC spots

William D. Collings, professor and associate chairman of physiology, and Dozier W. Thornton, associate professor of psychology, were elected to two - year terms on the Faculty Steering Committee.

They will replace chairman Gordon E. Guyer, professor and chairman of entomology, and secretary Thomas H. Greer, professor of humanities.

Other members of the committee are: James T. Bonnen, professor of agricultural economics; Walter F. Johnson, professor of administration and higher education; and Beatrice Paolucci, professor and acting chairman of family ecology. Their terms expire in 1973.

Smith cites "the usual run" of applications:

- * Groundwork for future atomic power, such as fusion reactors.
- * Industrial applications, such as welding and metal cutting.
- * Medical treatment and diagnosis.

He notes, for example, that NAL "is designed so that a particle beam from the accelerator could treat cancer patients either day or night. Medical buildings for such treatments are already being planned. And I could go on to other foreseeable applications."

But Smith warns that in emphasizing immediate uses, "we miss future applications which demand such a heavy commitment of materials and manpower."

Smith adds: "One of the best analogies for those not familiar with patterns of research and later applications is one recently given by a physicist to the Congress." He pointed out that if Faraday — the wizard of electricity and magnetism — had decided to be relevant to the apparent needs of his society, then he would have done something more practical like develop a better whale - oil lamp.

"Of course many countries must take the inefficient route of being short sighted," Smith says.

* * *

THIS SPRING, a Nobel laureate and recent visitor to China, physicist C. N. Yang, told an MSU audience:

"Abstract explorations are deemphasized in China. This does not mean that people who study high - energy physics are all told that they should shift into other fields. But there is a deemphasis of the field."

Yang said that when he was asked by the Chinese if they should encourage high - energy physics, he answered that "some theoretical high - energy physics, which does not consume too many material resources, may be reasonable for China, but large - scale accelerators would be unjustifiable."

Without large high - energy accelerators, the elite science wallows.

"China undoubtedly will develop high - energy physics because high - energy physics, in the long range sense, is of great importance," Yang said. "Its importance is like that of electricity and magnetism of the 19th century."

— PHILLIP E. MILLER

*History in sound**A dime and free advice*

(Actual recordings that detail this and other events are available in the National Voice Library on the fourth floor of the MSU Library. An appointment can be made by calling 355 - 5122.)

By G. ROBERT VINCENT
Curator, National Voice Library

In an earlier column (News - Bulletin, March 30), I mentioned that I published an amateur boys' magazine (and how that venture enabled me to meet Theodore Roosevelt.) That same enterprise helped me meet John D. Rockefeller.

My family then lived on East 17th Street in Manhattan. Just across the street, in an old - fashioned brown stone house was the studio of a famous sculptor. Many distinguished clients came to sit for him, and there were cars or carriages constantly parked in front of his house.

One day while I was at home, looking over the galley proofs of the second edition of The Boys' Paper, I was told that the automobile — I think it was a Peerless — of John D. Rockefeller, the oil tycoon, was parked in front of the sculptor's house. The sculptor was making a bust of the richest man in the world.



"Gee," I thought. "Maybe I should go out and give him a copy of my magazine when he gets through with his sitting." Mr. Rockefeller would have to walk down the steps before reaching his car.

I had all sorts of strange notions. Maybe he would offer to buy me a printing press or something.

I put on a clean white shirt and walked over to the car. A chauffeur and another man were sitting in the limousine. I showed them the first number of the little eight - page sheet that I published.

The other man turned out to be John D. Rockefeller Jr., and he seemed really interested in what I had to say, and promised to introduce me to his father. And when the old gentleman came down the steps, his son did just that. The senior Mr. Rockefeller shook hands, smiled, took a copy of my magazine and put his hand in his pocket. He handed me a dime. I must have spent it, for I don't remember if it was shiny or not.

What I do remember is that Mr. Rockefeller gave me some advice at the time: "If you want to enter the Kingdom of Heaven, you must be a Baptist."

Many years later, I was able to add Rockefeller's voice to my historical sound collection. It was recorded in Florida, not long before he, himself, was destined to enter the Kingdom of Heaven:

"... As a nation — looking proudly to our past when it has been noble, and recognizing with humility our mistakes or extravagance, selfishness and indifference — let us, with faith in God, in ourselves and in humanity, go forward courageously, resolved to play our part in building a better world."

("History in Sound" will return to the News - Bulletin in the fall.)

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Around the campus: A weekly review

Extension granted to Miss Van Tassell

A three-year reappointment has been extended to Eileen R. Van Tassell, a nontenured assistant professor of natural science who was originally denied reappointment in 1970. The action ends her two-year appeal process, she said.

Miss Van Tassell was notified this week by Edward A. Carlin, dean of University College, that the new appointment will run through August of 1974. She had been given a one-year extension last August by the Board of Trustees to allow her to appeal her case. That extension is considered the first year of her new three-year appointment.

Her reappointment follows a hearing on May 31 before the University College Faculty Affairs Committee, whose decision was advisory to Carlin.

The latest appointment "is to be construed as your second appointment as assistant professor," stated the letter from Carlin to Miss Van-Tassell.

Subcommittee winds up fact-finding

The ad hoc committee studying University policies relating to the Indochina war effort meets tonight at 7:30 p.m. in room 328, Student Services Building, to discuss fact-finding materials and to begin developing recommendations.

Charles Poizel, chairman of the MSU subcommittee, said the group has been involved in discussions with administrators and gathering materials.

The University group, which so far has had little input from the campus community, hopes to have its recommendations completed by mid-July.

Poizel said he assumes that any recommendations will be referred to the appropriate University committees and offices for consideration and possible action.

The ad hoc group was established by the Board of Trustees in May in response to antiwar demonstrators.

The University group has been exchanging meetings minutes with its counterpart group from the City.

Poizel said that "one of the best things the group feels it can do is to help dispel any rumors on campus and to disseminate information collected and the findings."

Financial aids group created

President Wharton has established a Financial Aids Administrative Group to achieve a "higher degree of central coordination."

Created to carry out the intent of recommendations made in the Admissions Commission Report, the committee has been charged with development and operations review of financial aid for students on a continuing basis.

The group's responsibilities will include compiling data on all sources of financial aids to students (including employment), studying all financial support, providing orientation for students on budgeting and financial affairs, and developing additional forms of assistance.

Under the chairmanship of the vice president for student affairs, the committee will include the assistant provost for admissions and records, the assistant provost for special programs, the director of Equal Opportunity Programs, and the director of financial aids.

Also serving on the committee will be the vice president for business and finance, representatives from the graduate school, and the director of the Placement Bureau, ex-officio without vote.

Wharton said the need for greater coordination stems from rapid growth of financial assistance provided MSU students. He noted that about 15,000 students benefit from more than \$15 million in such assistance each year. This compares with less than \$3 million in student financial aid 10 years ago.

"Funds for these purposes may come from many sources — federal, state and private," he said. "Since an individual student's 'package' may consist of funds from several sources, it is vital that there be effective coordination."

Campus fuel savings reported

A fuel conservation program undertaken by the University two years ago has resulted in a 2 percent saving in steam and electricity during the past fiscal year, reported Ted Simon, director of the physical plant.

A "preventive maintenance" program now being instituted on the campus will result in additional saving, Simon reported. He addressed school custodians from across the state, participating last week in a training program taught largely by MSU physical plant employees.

The fuel conservation program, which reduces air pollution in the University community as well as cutting costs, includes such items as additional automatic controls to switch heating units from fresh air makeup to recirculation for nights and weekends and resetting time-clock controls to match building occupancy, plus a concerted effort on the part of all workmen to keep doors and windows closed during heating and cooling seasons.

The electrical conservation program includes reducing the lighting level in many corridors and lobbies by as much as 50 percent, and installing astronomical dials on time clocks to provide automatic adjustment to changing daylight conditions, Simon said. This not only reduces the electricity used but also cuts the cost of manpower for quarterly adjustments, he pointed out.

The University is affecting an additional economy by converting as rapidly as possible to push-button drinking fountains, rather than constantly flowing ones. MSU has about 1,000 drinking fountains.

Simon said that the University has installed bag filters, such as were formerly used only in hospitals, on its ventilating systems, thus providing a cleaner environment for building occupants and reducing need for cleaning and painting.

He said that a new program for testing all rotating equipment for vibration is reducing noise pollution and preventing unnecessary wear and damage to equipment.

And he added that installation of two-way radios on the University's 25 buses is resulting in closer coordination between demands and capacities and providing more rapid assistance in time of emergency or breakdown.

Grant extends engineering effort

Black students at MSU who have been recruiting black high school students to enroll in engineering plan to extend their field work in September to junior high schools.

Lawrence Von Tersch, dean of engineering, and black student representatives of the Engineering Equal Opportunity Program, have received a \$5,000 check toward the program from Carl L. Chaverin, Lansing branch manager for International Business Machines Corporation, on behalf of the company.

The EOP program in engineering began four years ago and is expected to include 100 blacks among total engineering enrollment in the 1972-73 academic year. About 85 were enrolled in 1971-72, and six have graduated.

The black students prepared slides for the school recruitment programs they conduct. On campus, the program includes financial support, tutorials, counseling, employment programs, and seminars featuring visiting professionals and academics in the field.

CES regional center moves

The University has moved its southeastern Michigan regional headquarters and will establish two more subcenters in the fall.

The Southeast Regional Center of the Continuing Education Service moved from Oakland University to its new offices in Kingswood School Cranbrook, Bloomfield Hills, last week, in time to handle summer term registration.

Twenty-six of the 46 courses offered in the four-county region this summer and a number of short-term, resident workshops also will use Cranbrook facilities. The other courses will be offered in a dozen other communities.

The new address for the center which continues under the direction of Duane "Jack" Tester is 885 Cranbrook Road, Bloomfield Hills, MI 48013, and the telephone, 313/645-1303.

Beginning in the fall, student counseling and educational assistance will be available at subcenters in Walled Lake Western High School and Utica's Davis Junior High School. Both will be staffed on a part-time basis.

Besides being 10 miles closer to Detroit, the Cranbrook location is easily accessible, being located off Lone Pine Road between Woodward Avenue (M-1) and Telegraph Road (US-10 and US-24) just south of I-75.

In this region MSU has been offering courses, most of which are on the graduate level, to more than 4,500 students each year, including 1,000 in the summer.

Three rivers hold their own

Three Michigan rivers — Jordan, AuSable and the Red Cedar — are holding their own, but still have to be treated with care, according to a three-year study by University scientists.

The study, "Ecological Evaluation of Stream Eutrophication," is led by Robert C. Ball, director of the Institute of Water Research. Project leader of the study is a research associate, Terry A. Haines.

"Leader in improvement over the past 10 or so years is the Red Cedar," says Haines. "Yet the Red Cedar is still last of the three on the list for clarity."

Winner for "clear stream" is the Jordan River. It remains in good trout fishing quality, says Haines.

Next he says, is the AuSable, still a good trout river, although fish populations in the AuSable have finally declined a bit because of years of pollution.

"Lowest oxygen content of all three rivers is the Red Cedar," says Haines. "It is down to an average of less than four parts per million (ppm), although its oxygen content doesn't fluctuate as much as the AuSable's — from a high of 18 ppm in the day to a low of three ppm at night."

MSU in the news . . .

. . . Daniel Kruger, professor of labor and industrial relations, comments on the unemployed and underemployed with college degrees in a front page article "U.S. Trends: Pushcart men with M.A. Degrees - Why?" in the CHRISTIAN SCIENCE MONITOR (June 11) . . . MSU's community service approach to medicine was described by Donald Weston of the College of Human Medicine, on WJR's FOCUS show with J.P. McCarthy in Detroit (June 15) . . . THE BERKELEY (Calif.) POST carried as its number one story (June 15) an account of the Black Police Officers Conference sponsored in part by MSU's Center for Urban Affairs and School of Criminal Justice . . . MSU's first Midwest Film Festival received a glowing account in THE SATURDAY REVIEW (June 10) . Critic Arthur Knight noted that the festival at Cannes is primarily a great place for selling films of the past and the present, but "East Lansing provided a glimpse into the future."

More private support is goal

New development role filled by Scott

The new but familiar face seen bobbing in and out of two borrowed offices on the fourth floor of the Administration Building for the past three months belongs to Leslie W. Scott, MSU's vice president for development.

New, because Scott was named to the post effective May 1 shortly after it was created by the Board of Trustees to provide a point of coordination for the University's various fund-raising efforts.

Familiar, because Scott's association with MSU goes back to 1931 (when he enrolled as a freshman) and includes a decade of service as director of the Union Building, director of Kellogg Center, director of the hotel, restaurant and institutional management program, director of continuing education and assistant dean of the College of Business.

Scott returned to campus after 16 years with Fred Harvey, Inc., (and AMFAC, Inc., the parent company) serving as president and director of the national hotel and restaurant chain for 10 years.

The new Office of Development is a departure from practices of previous years when the University's fund-raising efforts were centralized in the president's office. Scott emphasizes that his function will be to coordinate, not to replace or interfere with, the various academic, research and alumni units already involved in fund-raising.

"The office will not stifle individual initiative and existing programs," he says, "but it will provide assistance to those individuals and programs, explore new directions, and try to identify and prevent any duplication of effort."

The development office is responsible for all University fund-raising activities except those directed at the State Legislature (which fall under the executive vice president's office) and federal research grants which continue to be channeled through the Office of Research Development.

* * *

SCOTT ASSUMES HIS new role at a time when the financial picture for higher education cannot be called bright.

"It is apparent that the ratio of our expenditures coming from state and federal funds is not likely to increase," he says, "and this limitation means we have to concentrate more on obtaining private funds to keep up with inevitably greater financial demands on the University."

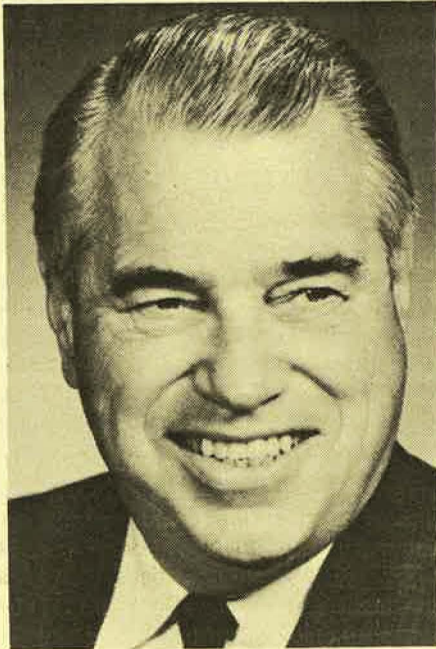
Before accepting the position, Scott served for a year as an unpaid consultant to President Wharton. Last fall he submitted a report to the president outlining the need for a greater development effort by the University.

In that report he noted that private giving comprised only 4 percent of MSU's total expenditures in 1970-71 compared to almost 7 percent of the expenditures at the University of Michigan.

Partly because MSU has emerged as a large-enrollment, major university only since World War II, he concedes that the University has some catching up to do.

"MOST OF OUR alumni have only been out of school for a few years and we have really only begun to instill in them a tradition of support for the University," he says. "This source is extremely important because it tends to build dramatically from year to year and establishes a base for capital gift campaigns."

Continued emphasis will be placed, therefore, on the Alumni Association's Development Fund and President's Club, which already have demonstrated success in this area.



LESLIE SCOTT

TIAA-CREF program announced . . .

(Concluded from page 1)

elect to defer participation in TIAA-CREF until July 1, 1973.

*The program will be contributory, with the University doubling each employee's contribution. The contributions are as follows: Jan. 1, 1973 - a 3 percent employee monthly contribution and a 6 percent University contribution; July 1, 1975 - the rate moves up to 4 percent from the employee and 8 percent from the University; July 1, 1977 - 5 percent from the employee and 10 percent from MSU.

Complete details of the program will be made available through articles this summer in the News-Bulletin, and in future brochures and orientation meetings. The next News-Bulletin will appear on July 13.

* * *

THE NEW PLAN will affect all labor and clerical-technical employees, plus those A-P and extension staff and faculty now in the University Noncontributory Retirement Plan. It insures that no employee will receive less than he or she is now provided under the noncontributory plan, and in most cases the benefits will be greater.

TIAA-CREF and the noncontributory plan differ in several factors, including:

- *TIAA-CREF offers protection against inflation, both before and during retirement.

- *The noncontributory plan is limited to those who start work before age 53, but there is no upper age limit for TIAA-CREF participation.

- *The noncontributory plan has no benefits in case of death before age 60; TIAA-CREF provides full accumulation, including the University's contribution, payable to the beneficiary, in case of an employee's death any time before retirement.

- *Under the noncontributory plan, an employee who leaves MSU loses his accumulated benefits; one who leaves under TIAA-CREF participation retains all accumulated contributions, including the University's.

- *Benefits under both plans are in addition to social security, but persons

"Also," he says, "we have not made a thorough attempt to condition other friends of the University to the growing need for private financial support."

The development office will serve as a catalyst for these and other existing efforts, and be principally involved in exploring new methods of attracting private funds.

* * *

"ONE OF OUR FIRST priorities is the establishment of a foundation to accept and manage monies on behalf of the University," Scott says, explaining that such an entity has a number of legal advantages not available to a publicly owned university itself.

Most other universities with successful development programs utilize periodic capital gift campaigns, concentrated efforts over a period of two or three years designed to attract substantial sums of money for specific purposes.

Such campaigns generally involve professional fund raising firms that begin with a thorough study of university resources, assess the institution's fund raising appeal, develop

realistic goals, and coordinate the actual campaign.

MSU has never used this technique in the past, but probably will explore this possibility in the near future, according to Scott.

Another priority is the mounting of an information program to educate the University's various publics to the need for private support.

"We must dispel the widely held belief that legislative appropriations supply all the monetary needs of a public university like MSU," Scott says.

"If we have a product to sell to alumni and friends of the University, it is the future. We have to emphasize that dollars are commitments to the future."

Scott's approach to fund-raising is not rigid. While the need for coordination is essential, he strongly believes that development is a diverse responsibility involving everyone from the trustees to the president, administrators, faculty, staff, students and alumni.

— MIKE MORRISON

under TIAA-CREF may "tax-defer" their payments and will receive annual individualized statements of their benefits.

* * *

BECAUSE OF THE diverse employment situations on the campus, four groups have been identified who will be affected by the new program: All full-time C-T and hourly employees; A-P staff employed before July 1, 1970, and faculty employed before July 1, 1958, who are not now in TIAA-CREF;

A-P and faculty employed before 1958 who entered TIAA-CREF with "frozen benefits" and C-T employees promoted to A-P classifications; and Cooperative Extension Service agents.

Future articles will examine in more detail retirement benefits of each group. The Staff Benefits Division is preparing brochures and is planning meetings to provide full information on the new program. It has asked that persons hold individual questions until more complete information is distributed.

Retirement: Enhancing a benefit

Following is a text of President Wharton's statement concerning the planned new retirement program.

It has been said that a retirement plan is by far the most significant staff benefit that can be provided for an employee. Since 1958 when the University first offered TIAA-CREF (Teachers Insurance and Annuity Association - College Retirement Equities Fund) to its faculty and administrators, the University has had two separate and distinct retirement programs. All full-time employees not eligible for TIAA-CREF have been covered by the University's own Noncontributory Retirement Plan.

For some time, the University has been aware of employee concerns over shortcomings of the noncontributory program. Over the years, changes in maximum amounts and benefit formulas have been made in this program. We realize, however, that stopgap measures may temporarily solve the immediate situation but fail to recognize long range trends, increased employee mobility and younger retirement ages.

Given my great concern and in an effort to produce a better retirement program, I directed the University to embark on a project of completely replacing the current noncontributory retirement system now in effect for over 5,000 staff members. This involved investigating, analyzing and exhaustively reviewing the present retirement program, with the assistance and advice of various campus groups, bargaining units and staff committees.

As a result, we can now announce a totally new retirement system which will affect the majority of the employees working for MSU and which ultimately will provide a single, identical retirement program for all employees through TIAA and CREF. Effective Jan. 1, 1973, the University Noncontributory Retirement Plan will cease to exist in its present format. All full-time employees of the University will then be covered under the TIAA-CREF Retirement Annuity Program.

A primary objective in developing this program has been to provide every eligible employee with a better retirement system and an increased retirement pension. The new TIAA-CREF program fulfills the highest possible retirement objectives while providing a financially sound plan which is long range in its implications.

Complete details of the new plan, including eligibility and contribution requirements and enrollment information will be issued prior to January by the Staff Benefits Division. This material will clarify many of the questions which you will have, and I urge you to study it carefully.

We are confident that you will find the new TIAA-CREF program far more adaptable to your retirement needs, and the University is pleased to be able to make it a permanent part of its staff benefits package.

Commencement reviewed

Welcome to 'educable human beings'

Following are excerpts from the June 11 commencement address by Osborn Elliott, board chairman of Newsweek, Inc.

... I hope that President Wharton will allow me to help him welcome this class of '72, not into the fellowship of educated men and women, but as educable human beings. Let me hasten to add that this in no way should be construed as a put-down, as the current idiom has it. For what better company could you possibly find yourselves in, than among persons who are susceptible of education? You may have learned a lot in these years at Michigan State, but if you have truly been educated, the main thing you have learned is that you should remain educable for the rest of your lives.

And so I congratulate you on your proven educability.

This is a quality, it occurs to me, that must have been pretty hard to nurture and sustain in all the years you have been growing up. For during those years, all of you — all of us — have been assaulted on every side by the kind of sound and fury that contributes least to rational discourse, reasoning and thought.

In a way, it's a miracle that you are all here today, to mark the end of 16 years of successfully completed work. Merely to have stayed with it that long, with all the distractions and eruptions that have afflicted you, is quite an accomplishment.

The world — and its young people — have changed unbelievably since the first of you trooped trembling to your first day in school way back in September of 1956. That was midway through the Eisenhower years, and the complaint about youth in those days was quite different from what it has been recently. The college generation then was known as the silent generation, and it seemed that all they were interested in was a nice cushy job with guaranteed annual raises, wall-to-wall carpeting, and a happy, quiet, smiling retirement at the end of the long, smooth road.

Quite likely the graduation speaker at MSU that year was up on this platform exhorting your forebears not to settle for such a life, and urging them instead to get out into the world and get committed.

All that has changed, of course, in 16 short years. From many of this year's graduation speakers, the message is not to get out there and get committed, but to cool it, man. The silent, smiling generation of yesteryear has been replaced, in the eyes of many adults, by a noisy, unsmiling — if infinitely more exciting — generation of activists.

But my message to you is not to cool it, man. I say keep heating it up — but let the heat be accompanied by some light. Don't settle for things as they are — but don't settle either for just tearing them down. Don't settle for the modish cliché of the moment. Probe, challenge, demand answers — and supply some answers of your own.

One stop on a journey

Here are portions of the commencement comments delivered by President Wharton.

As incongruous as it might sound to you today as you prepare to leave the campus, throughout your lifetime you will need to update and add new skills and professional training. Because of rapid technological and social changes in our society, a high school diploma, an associate's degree, a bachelor's degree, a master's degree, even a Ph.D. earned in 1972 may be completely inadequate to meet your professional needs or even cope with your working and living environment in 1990.

No longer will formal education be a destination to be reached after so many years in public or private schools; it will be a continuous journey of returning periodically to the community college or four-year institution or a university for a course or a program, even a year of study in a newly developed science or skill — throughout your lifetime.

What I am saying is simply that the education you received in the 1970s will not in itself be adequate for your and society needs 10, 20 or 30 years from now. This is why universities like Michigan State must respond.

We are now embarked on a comprehensive study of lifelong education . . . (which) will hopefully lead to an expanded definition and bring new meaning to adult and continuing education.

So, although your college days may be behind you for the moment, you still have a vital concern about what happened to MSU in particular and to higher education in general. Higher education has played a vital role in your lives to date, and I submit it will continue to do so throughout your lives and the lives of your children.

Louis Berman says goodbye to 'his kids'

This month marks the retirement of Louis Berman as general manager of the State News. The following sketch of Berman was written by Beverly Twitchell Denbow, former News-Bulletin associate editor and ex-State News staff writer.

Louis Berman describes himself as a Jewish mother.

In other words, he says, he'll give his kids hell for their shortcomings, but he doesn't want anyone else bothering them.

Berman's "kids" are the staff of the State News. He's used the term for 11 years.

Berman says his job as general manager of the State News is to "raise hell with the editor." He can barely see the newsroom from his office in the Student Services Building, but the kids do come in to see him, to seek his advice on their love life, on how to break a lease, traffic tickets and how to get money for a dental bill. And once in a while, they come in with a question about newspapering.

Berman — who may be the hardest-nosed softheart on campus — can spew off a string of uncomplimentary adjectives about "his kids" but he'll usually finish it with "and I love 'em."



Berman: A hard-nosed soft-heart.

IN HIS 11 YEARS with the State News, he has lived through student reporters and editors who have raised the ire (and often the pickets) of the NAACP, Chicanos, radical students, conservative students, University presidents, administrators, trustees, faculty and just about everybody else on campus.

He's also seen some of his kids go on to the New York Times, Washington Post, Chicago Tribune, United Press International, Associated Press, Miami Herald — some of the best of the country's press.

If a kid "deserts in the face of the enemy" (that's a deadline) — and it's happened — he's out. Because the hard-nosed Berman is a professional: "Our job is to get a paper out everyday."

But the softheart's 11-year-high point was, he said, one birthday a couple of years ago when the staff gave him some cufflinks and party: "I had no idea that they cared or knew anything about the old man . . ."

* * *

THE ADJECTIVES THAT come to mind when one thinks of Berman are something like "crusty" or "salty." But beneath it all: Pure mush.

Thoroughly committed to the State News, Berman seems to prefer to discuss the newspaper rather than himself. One of his first comments in an interview: "Over the years I've concluded that a student newspaper is an absolutely vital thing for a campus. No one realizes how darn vital it is."

He has anecdotes galore about students and their mistakes (a former staff writer struck some years ago by the graciousness of Gov. George Wallace of Alabama, saying so in a column without making it clear she did not agree with his views, bringing, as Berman had warned it would, the NAACP pickets); students and their scoops (two former writers uncovering information about party favoritism shown by the Board of Trustees in hiring and salary increases, making Berman fear for his job); and just the students, short tales about them then and now.

Berman will talk about the State News and 11 years' worth of staff for hours, but through it all one can see a sort of philosophy which is printed in Gothic letters framed on his office wall: "This, said the ancient, is the most important precept of them all. And bending forward, the successful man read in letters of gold — Don't take yourself too damned seriously."

Retirement for Berman isn't necessarily a slowdown. His plans: "Time to mow the lawn, dammit, I can't wiggle out of that one;" plus a consultation firm for student newspapers he set up with friends, and service as secretary of the chamber of commerce at Whitehall, where he has retained a home since coming to the MSU.

New census data available

Computer tapes containing Michigan socio-economic data from the 1970 census are now available to researchers at the Computer Center.

Data from the census tapes may be obtained for a fee from the Applications Programming Group at the center. If frequent use of the tapes is required, training on retrieving the data is

available.

Persons familiar with the content of the tapes may direct data requests to Applications Programming, 355-4684. General questions and listings of data reports and tapes may be obtained from the Research Division, Bureau of Programs and Budget, Executive Office of the Governor, 373-0331.

The Board recap

Bylaws amended to enfranchise instructors

Amendments to the Bylaws for Academic Governance, including one to permit instructors a vote in both internal and external matters, were approved by the Board of Trustees last week (June 23).

The amendments also allow instructors membership in the Academic Senate; modify the method for replacing students on standing committees; change official academic governance business from the calendar year to the academic year; define noncollege faculty eligibility to serve on various academic governance bodies; and clarify student representatives - at - large.

DAY CARE CENTER

Problems facing the Married Students' Child Day Care Center were reported to the Board by Richard Hoehlein, graduate student and member of the center's Committee of Concerned Parents.

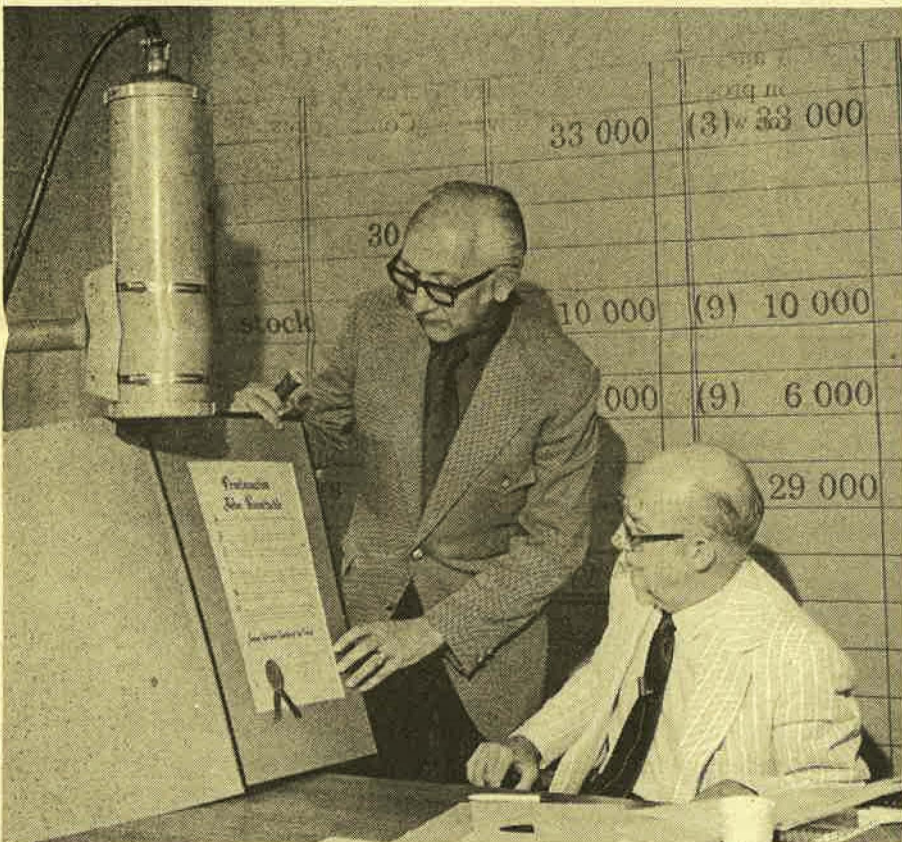
Hoehlein said that the center is facing financial problems which could mean raising fees by \$1 from the present \$5 per child per day, and eliminating the infant and toddler unit.

Hoehlein and Mrs. Margaret Parish, a graduate student and mother of two boys, spoke for the group seeking financial support for the center from the University.

Provost John E. Cantlon reported that a study made by himself and Vice Presidents Eldon Nonnamaker and Roger E. Wilkinson indicated that the \$1 fee increase would continue operation of the center without eliminating the infant and toddler unit.

He reminded that the center was organized in February, 1971, on a self - supporting basis. "We continue to believe that day care service for dependents of students must be on a self - liquidating basis," he said.

According to the report, provisions have been made to continue instructional and research clinical laboratories in the center, with financial support for these programs coming from the 1972 - 73 budgets of the departments concerned: Family and child sciences, human development, social work and psychology.



'Teacher of the world'

"The Senior Television Teacher of the World" reads the inscription on a proclamation presented recently to John W. Ruswinckel (right) during his final televised accounting class by Erling S. Jorgensen, director of closed circuit television. Ruswinckel, who is retiring, has taught basic accounting courses via television continually for 15 years, and a check with the National Association of Educational Broadcasters indicates that nobody in the field can match that record. During those years, Ruswinckel has spent more than 3,000 hours before the camera and has instructed more than 22,500 students. His retirement plans include seeing more of the world by freighter, a means he calls "the best way to travel."

Solar, lunar eclipses in July

Two eclipses are in store for skywatchers in July, according to David Batch of Abrams Planetarium.

The first, a partial eclipse of the sun, will occur at 2:16 p.m. (EST) Monday, July 10. Batch urges that persons use extreme caution in witnessing a solar eclipse. Looking directly at the sun can result in permanent eye damage.

The safest viewing procedure, he says, is to punch a pinhole in a stiff card. Then hold a second card at arm's length in the shadow of the first, and a tiny image of the sun will appear on the second card.

By 3:26 p.m. on July 10, the maximum portion of the sun will be covered by the moon's shadow, appearing as a large bite out of the top of the sun. At this moment, 68 per cent of the sun's disc will be obscured, Batch says.

The lunar eclipse will begin late in the night of Tuesday, July 25. The eclipse will reach its maximum by 2:16 a.m. Wednesday (July 26), when about 55 percent of the lunar disc is covered.

At 3:36 a.m., Wednesday, the moon leaves the umbra and is essentially restored to full moon, Batch says.

The parents were also asking the Board to provide low cost or free day care for dependents of all MSU married students.

Cantlon said that this wasn't an issue at this time and that the Board, at a later date, may review the policy.

THOMPSON DISCLAIMER

Trustee Kenneth Thompson offered a statement of his disapproval and "disclaimer of any liability" that might result from the appearance by Warren Huff as a witness in the recent hearing to consider discrimination charges filed by Margaret Yuill, professor of art (News - Bulletin, June 8).

Huff testified before the University Anti - Discrimination Judicial Board as a witness called by Miss Yuill's attorney, Zolton Ferency.

Thompson's statement said that Huff's appearance "constituted a conflict of interest by intrusion into a case on behalf of a litigant prior to its possible official submission" to the Board.

He charged that Huff's action "increased the potential liability" of the Board in the case and that Huff violated the Board's "established procedures for due process."

Huff replied that he didn't appear on behalf of the plaintiff (Miss Yuill), but that he was asked "to lay the background of the Board's public actions" in developing anti - discrimination policies and procedures.

Huff cited portions of the hearing transcript in which he emphasized that he was speaking for himself, not for the Board.

But both Thompson and Trustee Don Stevens contended that Huff's role as a witness was not made clear, and Stevens suggested that Huff "stick to the perpendicular pronoun 'I' " on such occasions.

PERSONNEL ACTIONS

Lois Ann Lund, professor and director of the School of Home Economics at Ohio State University, was named professor of family ecology and dean of the College of Human Ecology, effective Jan. 1, 1973.

Also approved were the appointments of Charles Seeley, currently associate director, as director of admissions and scholarships; Gerald F. O'Connor, from associate director to director of personnel; and James Peters, director of space utilization. He has been serving as assistant director.

In the Continuing Education Service, the Board named Betty L. Giuliani to the new position of director of operations, research and analytical studies; and Clayton H. Wells, associate professor and associate director of the Office of Conferences and Institutes, was appointed director of the conference and institute office.

OTHER ITEMS

The Board approved alteration projects estimated at \$90,000 for three University buildings and awarded contracts for facilities improvements.

The approved alteration projects include renovation of a lecture hall in the Agricultural Engineering Building; remodeling an obsolete photo lab in Olds Hall to accommodate office expansion for the School of Criminal Justice; and renovation of three classrooms in Agriculture Hall.

Contracts were awarded for \$2,709,855 for the steam generator for Power Plant 65 addition; \$728,967 for the final phase of the Fee Hall conversion; \$64,980, for rewiring of Mason - Abbot Halls; and \$46,100 for waterproof coating and concrete restoration of Parking Ramp No. 1.

Gifts and grants totaling more than \$4.7 million were accepted by the Board. Milton E. Muelder, vice president for research development, reported that the University has received gifts and grants from 1971 - 72 totaling \$31,100,978. This compares to the 1970 - 71 figure of \$30,463,766.



Glander is cited

A souvenir blanket and an MSU rocking chair were presented recently to Leonard Glander, director of the Personnel Center, who is completing 26 years at the University. Jack Breslin, executive vice president, made the presentations at a reception for Glander. From left are Breslin, Glander and Mrs. Glander. Glander will begin a year's leave in July before he retires July 1, 1973.

BULLETINS

NEWS-BULLETIN

The MSU News-Bulletin will be issued biweekly during the summer months.

The next issue will appear on Thursday, July 13. Notices for the bulletin are due by noon, Tuesday, July 11, to Patricia Grauer, 109 Agriculture Hall, 3-8819.

FOOD STORES CLOSING

Food Stores will be closed to all departments, Friday June 30, for physical inventory. Departments wishing to have merchandise charged to their accounts before the closing of the present fiscal year must have their orders placed not later than noon on Thursday, June 29 for processing. Food Stores will be open for business Monday, July 3, closed on Tuesday, July 4.

COMPUTING LAB

The Statistical Computing Laboratory, 100 C Wells, will be open for use by faculty members and students from 1 to 5 p.m., Monday through Friday, and 7 to 9 p.m. Monday through Thursday, during the summer. Two electronic calculators with small programming capabilities for repetitive computations are available, as well as the rotary type Monroe Calculator. A graduate student from the Dept. of Statistics and Probability will be available to assist in the use of the calculators. For information, call 5-9589.

REFRIGERATORS

Again this summer term departmental offices will be able to rent a refrigerator normally rented to students through Dormitories and Food Services during the academic year. A 4-cubic-foot refrigerator, delivered to the office and picked up in September, will rent for \$25. For more information, contact Mr. Andrews, 5-7467.

WOMEN'S GOLF

All University women, whether faculty, staff, graduate assistants, or former employees, interested in summer golfing are encouraged to join the new MSU Women's Golf League. Members play each Thursday with tee-off at 5 p.m. Persons of all ability levels are welcome, and tournaments, prizes and monthly dinners are scheduled. For information contact Margaret MacColl, 3-8936, or Gail Morris, 3-8851.

COMM. ARTS

The College of Communication Arts newsletter has established news sources in each department. Information for the newsletter should be submitted to John Marstor in advertising, Leo Deal in audiology and speech sciences, Boyd Miller in journalism, Robert Schlater in TV and radio, Barbara Haslem in communication, or to Carol Remondino at the college office, 5-3410.

CONFERENCES

- June 30 - Omicron Nu (Home Economics Honorary)
- July 2
- June 30 - Computer Assisted Instruction in Home Economics,
- July 14 Case Hall
- July 5-7 International Conference on Non-Aqueous Solvents
- July 6-8 Executive Skills in Higher Education
- July 9-14 Intermediate Claims Adjudicators III
- July 9-22 Cecchetti Ballet Conference

- July 9 - Telephone Engineering Conference
- Aug. 4
- July 10-13 Church Music Workshop
- July 15 National Ski Patrol

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.

EXHIBITIONS

Campus Plantings

Placement of 2,000 commencement geraniums has completed this year's display of nearly 30,000 colorful bedding annuals.

Hidden Lake Gardens Tipton, Michigan

Many varieties of summer wildflowers are now abundant along the roads and hiking trails. Open daily 8 a.m. until sundown.

Beal Gardens

The East Asian terrestrial orchid *Bletilla* is now blooming in Bed 6.

Kresge Art Center

Entrance and North Galleries: Inverse Illusionism. Featuring projections of spatial concepts on flat surfaces, this exhibition is organized and circulated by the American Federation of Arts, New York. It contains 29 paintings by eight contemporary artists.

Museum

Floor A—A recently completed exhibit of seven dioramas portray in careful detail the lives and customs of Michigan's Indians from prehistoric to modern times.

Floor B—Heritage Hall, depicting Michigan in 300 years, features a historic setting in the early 1900's of a typical commercial fishing village in miniature.

Floor B—In the Michigan Heritage Hall, the now famous curved-dash Olds, once the personal car of R.E. Olds, has been moved into a new period setting.

Floor B, East—Recorded calls of wild geese and the rare Kirtland's warbler can be heard.

Flocking to the museum

As surely as the swallows return to Capistrano, the elementary schoolers flock to the Museum each spring.

Organized student groups came visiting from 39 Michigan counties and a Canadian province this year.

All told, some 100,000 people viewed wonders and relics of nature and man, as captured by the artistry of the curators of the MSU Museum.

Some 31,000 of the visitors were elementary schoolers.

"They are consistently the largest registering group," said Carole Long, receptionist and manager of the museum store, "and when they come you know it.

"Most of them come between April and June by the bus load," she said. (The museum is open year round).

Carole said, "Sometimes it seems as though all 31,000 of them are here at the same time. It gets hectic but it's nice."

Museum hours are 9 a.m. to 5 p.m. Monday through Friday and 1 to 5 p.m. Saturday and Sunday.—Chuck Beady.



— Photo by Dick Wesley

Calendar of Events

FRIDAY, JUNE 30, 1972

- 7:30 p.m. Concert—Members of the MSU music faculty will be heard in solo and ensemble performances for the summer Youth Music program. The public is invited. There is no charge for admission. Music Auditorium.
- 8 p.m. "The Last Question"—This science fiction spectacular in the sky theatre explores the theory of entropy, which maintains that all the life-giving energy of the stars is being drained. Tickets are available at the door. Abrams Planetarium.
- 10 p.m. "The Last Question" (see above). Abrams Planetarium.

SATURDAY, JULY 1, 1972

- 2:30 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 10 p.m. "The Last Question" (see June 30). Abrams Planetarium.

SUNDAY, JULY 2, 1972

- 4 p.m. Carillon concert. Beaumont Tower.
- 4 p.m. "The Last Question" (see June 30). Abrams Planetarium.

MONDAY, JULY 3, 1972

- 7 p.m. Concert—The Youth Music Band, which consists of high school students from around the state, will perform a "pops concert." Music Building lawn.

TUESDAY, JULY 4, 1972

- 8 p.m. Carillon concert. Beaumont Tower.
- 8 p.m. Folkdancing—Instructions are given at 8 p.m., dancing begins at 9 p.m. No experience is necessary. St. John Student Parish, 327 M.A.C.

WEDNESDAY, JULY 5, 1972

- 7:30 p.m. Recitals—Several high school students, selected by audition from the Youth Music program, will be heard in recital. Music Auditorium.
- 8:30 p.m. Summer Circle Free Theatre—Friedrich Durrenmatt's comedy "Play Strindberg" is a parody of August Strindberg's "The Dance of Death." It has been described as a "comedy about a tragedy." There is no admission charge. Kresge Court.

THURSDAY, JULY 6, 1972

- 8 p.m. Carillon concert. Beaumont Tower.
- 8:30 p.m. "Play Strindberg" (see July 5). Kresge Court.

FRIDAY, JULY 7, 1972

- 7:30 p.m. Recitals—Several high school students, selected by audition from the Youth Music program, will be heard in recital. Music Auditorium.

- 8 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8:30 p.m. "Play Strindberg" (see July 5). Kresge Court.
- 10 p.m. "The Last Question" (see June 30). Abrams Planetarium.

SATURDAY, JULY 8, 1972

- 2 p.m. Concert—The Youth Music chorus, orchestra, and band will be heard in concert. Fairchild Theatre.
- 2:30 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8:30 p.m. "Play Strindberg" (see July 5). Kresge Court.
- 10 p.m. "The Last Question" (see June 30). Abrams Planetarium.

SUNDAY, JULY 9, 1972

- 4 p.m. Carillon concert. Beaumont Tower.
- 4 p.m. "The Last Question" (see June 30). Abrams Planetarium.

MONDAY, JULY 10, 1972

- 8:15 p.m. Faculty recital—Corliss R. Arnold, organist, will perform. Hart Recital Hall.

TUESDAY, JULY 11, 1972

- 8 p.m. Carillon concert. Beaumont Tower.
- 8 p.m. Folkdancing—Instructions are given at 8 p.m., dancing begins at 9 p.m. No experience is necessary. St. John Student Parish, 327 M.A.C.

WEDNESDAY, JULY 12, 1972

- 8:30 p.m. Summer Circle Free Theatre—David Cregan's "Houses by the Green" is a satire on good neighborliness, on preventing overpopulation and on the importance of preserving the environment. Eight characters are played by four actors, each impersonating someone else. There is no charge for admission. Kresge Court.

THURSDAY, JULY 13, 1972

- 8 p.m. Carillon concert. Beaumont Tower.
- 8:30 p.m. "Houses by the Green" (see July 12). Kresge Court.

FRIDAY, JULY 14, 1972

- 8 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8:30 p.m. "Houses by the Green" (see July 12). Kresge Court.
- 10 p.m. "The Last Question" (see June 30). Abrams Planetarium.

SATURDAY, JULY 15, 1972

- 2:30 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8 p.m. "The Last Question" (see June 30). Abrams Planetarium.
- 8:30 p.m. "Houses by the Green" (see July 12). Kresge Court.
- 10 p.m. "The Last Question" (see June 30). Abrams Planetarium.

BULLETINS

UNION BLDG. HOURS

The Union Building and all departments will be closed Tuesday, July 4,

MEN'S IM HOURS

For the 4th of July weekend the Men's Intramural Building and pools will be open from 1-5 p.m. on Saturday, Sunday and Tuesday. The Building will be open normal hours from 10 a.m. to 9 p.m., and the pools from 11:30 a.m. to 5:30 p.m. and 7 p.m. to 9 p.m. on Monday.

1972 CATALOG

The 1972 University Catalog is now available. Departmental representatives may pick up a supply for departmental use in 64 Hannah Administration Building.

WOMEN'S COMMITTEE

All interested persons are invited to attend the reading of a report by the Women's Steering Committee at 8 p.m., Thursday, June 29, in the Gold Room of the Union.

Information on MSU events may be submitted for possible inclusion in the bulletins to Patricia Grauer, Dept. of Information Services, 109 Agriculture Hall, (517) 353-8819. Deadline for submitting information is noon Tuesday preceding the Thursday publication. The calendar of events will cover a 9-day period, Friday through Saturday.