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# MSU News - Bulletin

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Michigan State University

June 28, 1973

## 32 receive retroactive hikes

# AP classifications approved

A total of 37 administrative - professional (A-P) employees of the University received retroactive salary increases on June 22 as one of the first results of the new A-P classification system. At an annual rate, the total increases are \$27,161.

In a study by the consulting firm of Robert H. Hayes and Associates, these 37 of the total 709 A-P employees have been earning salaries below the new minimum recommended for each classification. The salary increases to bring them up to the minimum are retroactive to Oct. 1, 1972.

The Board of Trustees approved partial adoption of the new system, effective immediately, at its regular monthly meeting June 15.

In letters sent to all A-P employees June 19, C. Keith Groty, assistant vice president for personnel and employee relations, explained what recommendations had been adopted by the trustees, what areas will be studied further this summer, and how employees can appeal their classifications.

President Clifton R. Wharton, Jr. emphasized in a memorandum to the trustees that the administration did not recommend the complete adoption of the Hayes recommendations.

"We believe that the main substance of the report warrants acceptance and approval," Wharton said. "It does represent a major step forward in making our present system more efficient and equitable for the vast majority of the administrative and professional staff.

"Our next step should be to proceed forthwith to eliminate the remaining difficulties and to improve the system further."

Among those recommendations which were accepted is the establishment of 22 grade levels, replacing the 10 which formerly existed. Currently, only grades 7 through 19 are being used, with a total range of \$8,100 minimum for grade 7 to a \$30,600 maximum for grade 19.

In addition, newly hired A-P employees will be placed within the first

quartile of the salary range for each level unless prior approval is given by the director of personnel and the appropriate vice president or the provost.

The salary grade levels will be adjusted on the basis of surveys of outside market conditions and University priorities.

Another of the recommendations accepted emphasizes that no one's salary should be allowed to drift beyond the maximum for that grade level.

Because the salary ranges for consecutive grades overlap, a promotion from one compensation grade level to another should be accompanied by a salary increase, the trustees agreed.

An appeal procedure was approved at the same time as the A-P system and individual classifications.

In the letter to employees, Groty explains that there are two types of appeals.

"Classification appeals," he says, "are those where the individual or group of individuals believes the total described classification is

inappropriately placed with respect to other classifications in the system.

(Continued on Page 6)

## Senate ok's \$77 million

The State Senate voted Wednesday to appropriate \$77.3 million for the Michigan State University general fund. Also included in the action was \$6.6 million for the Agricultural Experiment Station and \$5.7 million for the Cooperative Extension Service.

The bill now goes to the House of Representatives.

As the News Bulletin went to press, full details of the Senate action were not available. However, one apparent casualty was the proposed MSU College of Law requested by Governor Milliken, which was deleted from the bill.

## Don't be surprised if you see ballerina

A man was walking across campus exclaiming, "She's a puppet in my hands." A cocky playboy? No. The man really had a puppet in his hand.

Following this man was an unusually - dressed couple - unusual even by the loose dress codes followed by today's regular University students. The girl was dressed in a tutu and walking on her toes. The fellow's feet were very much on the ground held there by snow skis and poles.

These examples might be a little exaggerated, but are indications of the types of activities on campus this summer, activities that are in addition to the University's regular summer program.

The puppets and their "controllers" are currently on campus for puppetry workshops, sponsored by the South - Central Region of MSU Continuing Education through July 3.

The ballerina takes her place on campus with other students in July for the Cecchetti Ballet Conference; while the skier is schussing to the National Ski Patrol Workshop, July 13 and 14.

Right now students are probably finding themselves outnumbered at every turn by "outsiders" - thousands of assorted individuals attending the various seminars, institutes, conferences, workshops, meetings and special sessions that characterize Michigan State during the summer.

In addition to the very special kinds of workshops, geared for very unique groups of people, the University will flourish with more traditional programs in education, medicine, business and government.

The educational programs range from teaching techniques taught through the Department of Family Ecology to outdoor recreational safety offered through the Health, Physical Education and Recreation Department. Both programs are special sessions which are offered for credit. A complete listing of special sessions is found in the back of the Summer Schedule of Courses and Academic Handbook.

"Teaching by Simulation" is an example of the workshops offered in the medical field. This course was held June 3-6 and was the teaching of obstetrics and gynecology by simulating the conditions and problems doctors face. Twenty medical educators attended.

The month of June ends with workshops on business management offered by the Institute for Organizational Management and engineering offered through the High School Engineering Institute.

In addition to Cecchetti Ballet, July will include the Telephone Engineering Conference, the Ford Motor Company Alcoholism Program for nursing personnel, the Technical Accident Investigation Workshops for police officers, the Church Music Workshop and the Christian Institute Reformed ministers and laymen to study communications and counseling.

Girl Scout leaders from across the nation and hotel personnel managers working in the Republic of Singapore will also meet on campus in July and through the first part of August.

August brings one of the largest and loudest meets as approximately 700 high school musicians gather on campus for the annual Marching Band Clinic.



—Photo by Dick Wesley



# Those creeping, seeping blobs are just oatmeal-eating molds



... it's just a blob

"The blob is changing form. It's constricting inward and getting crusty on the surface, with stringy - like drops hanging down from it."

This is the type of telephone descriptions which Michigan State University botanists have been receiving lately.

So far the MSU scientists have not found anything from Mars, but they say the recent heavy rains have made ideal conditions for those harmless earth creatures called slime molds.

One of the latest reports of such a blob, sighted near Bay City, brought out the sheriff. Earlier a blob was sighted in Warren.

The Warren blob was none other than *Fuligo septica*, figures Everett S. Beneke, MSU expert on fungi and human fungal diseases.

In their blob - state, slime molds creep and seep very slowly. They lurk in moist soil and live on organic matter. When they crawl up onto a surface exposed to the light, they can dry up, crust over and sometimes develop peculiar - looking fruiting bodies.

When in the blob - like state, called a plasmodium, the creatures usually come in whitish or yellowish colors. They often form vein - like vessels which pulse fluids.

"Slime molds could pick up some reddish - colored bacteria and be more reddish than usual," says Beneke. "But these *Fuligo*'s do have quite a large mature fruiting structure.

"I had one over here in class one time that had come up around a strawberry patch. The fruiting body was about 15 inches long and about eight inches wide. It had a crusty surface and a mass of spores inside, or course. The color was kind of a brownish - red. There were crusty, kind of granular calcium deposits all over the surface.

"Any person who sees these things, and wants them identified," preferably should bring in the sample. It is difficult to ship the material without damaging it.

To obtain a slime mold sample,

says Beneke, take a knife, spoon or small trowel and remove a small portion of the mass of material and just put this in a plastic or glass container with a loose top to allow air circulation.

Dry blob fruit can be shipped in boxes.

"If there is some odd, rare, specimen which no one knows anything about," warns Beneke, "then it would be safer to handle it with caution. But normally, lift off the slime mold material and put it in a container and wash both hands and container."

Some blobs can easily be grown by

placing part of a blob on oatmeal, one of their favorite foods. If the oatmeal is placed in an enclosed container - to keep the blob moist - the slime mold will continue to increase in size and grow up the container wall.

To get rid of a blob just let it dry up and blow away. If the blob is especially unsightly, it can be treated much as garbage, and buried.

—PHILLIP MILLER

## Brickner appointment delays beginning of trustee meeting

An executive session of the Board of Trustees delayed the board's regular monthly meeting by nearly two hours June 15.

The executive session was due to disagreement among the trustees on the appointment of an associate director for the Labor Program Service in the School of Labor and Industrial Relations.

The appointment went to Dale G. Brickner, currently assistant director of the labor Education and Research Center at Indiana University. (See related story)

Trustee Patricia Carrigan said that she was concerned with the appointment because the selection was made of someone outside the University, "when a very capable woman (Jacqueline Brophy) within the department has been serving as acting director."

Provost John Cantlon told the Board that the appointment did not reflect discrimination, but was a case of selecting a "more highly qualified individual."

Brickner's appointment was officially approved by a 3-2 vote with three abstentions. Those in favor of the appointment were Kenneth Thompson, who publicly defended the administrators' and faculty members' decision in the appointment, Frank Merriman and Aubrey Radcliffe.

Voting against the appointment were Mrs. Carrigan and Blanche Martin.

Abstaining were Jack Stack, Don Stevens and Warren Huff. Stack in a earlier vote was against the appointment, but switched to an abstention because he said the board's turning down the appointment would immobilize the department.

In other action, the Board approved recommendations by the administration on the Administrative - Professional Study. (See related story)

### Dorm Increase

Dormitory rates for double - room occupancy will be increased \$25 a term this fall.

The new rate, which is established at \$405 a term for the 1973-74 school year, was officially approved by the Board.

Roger E. Wilkinson, vice president for business and finance, indicated the new rate will help cover increased costs due to wage adjustments, improvements in the Social Security program and higher food costs.

The rates were last increased in the 1971-72 school year.

The board also approved an increase of \$2 a month in married housing rates, effective Oct 1. This brings the rate to \$117 per month for a one - bedroom apartment and \$123 per month for a two - bedroom apartment. The new rate schedule will help cover increased costs of personal services and utility expense, Wilkinson said.

### Grapevine Journal

The Board also recommended that the Grapevine Journal staff continued its work by approving an advance up to \$15,000 from the University's non - general funds for staff expenses for the next 90 days.

An ad hoc committee was also approved by the Board to re - exam the student publication fees for possible redistribution of fees to include the Journal.

### Landfill

A proposed landfill at Sandhill and Hagadorn road was opposed by the Board.

At the same time, the Board invited Ingham County officials to use resources represented by the MSU Center for Environmental Quality in seeking to develop an appropriate plan for waste disposal.

The location in question, which is being sought by the Ingham County Bureau of Public Works, is adjacent to a 500 - acre site on which the University is constructing lakes and other facilities as part of a \$2.2 million water quality management project.

### Alterations

Two building alterations projects - one to update the electrical capacity in the Physics - Astronomy Building and the other to help accommodate the merger of the food science and human nutrition departments - were approved.

A general contract amounting to \$273,333 was awarded to the Christman Co. of Lansing to install a new transformer, new wiring and other electrical equipment in the physics - Astronomy Building. Superior Electric Co. of Lansing was awarded the electrical contract, which accounts for \$211,548 of the total amount.

Work is expected to begin immediately on the project, and the target for completion is April 1974. The purpose of the new equipment is to provide more electrical power for the 34 - year - old Physics - Astronomy Building, which houses MSU's growing physics research efforts. The current power supply is saturated, according to

officials of the University's Physical Plant.

Contracts totaling more than \$200,000 were awarded for two phases of renovation of MSU's food science and human nutrition facilities.

The first phase, to improve the ventilation system in the Food Science Building, involves a \$49,631 contract to Dard, Inc., of Lansing.

Work for the second phase includes remodeling in the Mears Laboratory, and portions of the Food Science Building, Anthony Hall and the Human Ecology Building. The general contract for \$160,800 was awarded to Haussman Construction Co. of Lansing. Completion is expected by October.

### Gifts and Grants

Six gifts and grants of \$100,000 or more each were among \$2,399,489 accepted by the Board.

Two grants and a gift from the National Science Foundation (NSF) will support research in communications, physics and Osteopathic Medicine:

Gerald R. Miller, professor of communication, received \$286,000 to study the overall effects on jurors of the stricken testimony process. K.W. Chen, professor of physics, received \$180,000 for studies of electromagnetic structure of nuclear products such as protons and neutrons. Leonard A. Cohen, professor of osteopathic medicine, received a gift of equipment, including an oscilloscope, valued at \$126,440.

Other grants from federal agencies included \$126,000 from the National Aeronautical and Space Administration (NASA) for a remote sensing study related to agriculture, under direction of Lester V. Manderscheid, professor of agricultural economics.

A grant of \$112,225 from the National Institutes of Health (NIH) supports the second and final year of a fellows' training program in health professions education, under the Office of Medical Education, Research and Development (OMERAD) of the College of Osteopathic Medicine and the College of Human Medicine.

William W. Thompson, professor of entomology, received \$100,000 from the U.S. Department of Agriculture, for a pilot program for pest management in apply production.

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Editor: Mike Morrison  
Associate editor: Sandra Dalka  
Calendar editor: Patricia Grauer  
Editorial assistant: Janice Hayes

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## Achievements

C. W. MINKEL, professor of geography and acting dean of the School for Advanced Graduate Studies will return to South America on a Fulbright Award for six weeks in July and August.

He has been asked by the Pan - American Institute of Geography and History in the Organization of American Studies (OAS) to initiate a pilot program for geographers at Quito, Ecuador. Working with him in Quito will be ROBERT N. THOMAS, associate professor of geography.

Minkel will also teach a postgraduate field course at the University of Tunja in Columbia. This is a continuation of a summer project over the past two years.

RICHARD ESTELL, general manager of WKAR-AM-FM, has been re - elected chairman of the Board of Directors of National Public Radio (NPR). He has been a member of NPR and chairman of the board since 1972. NPR's 13 - member - board sets policy and determines direction of American's only non - commercial radio network.

GEORG A. BORGSTROM, professor of food science, has been awarded the Swedish Authors Foundation of Stockholm Literary Merit Prize. Borgstrom published his first major book on food and population, "The Earth - Our Destiny," in his native Sweden in 1953. At MSU since 1956, he is best known in the United States for his two semi - popular books, "The Hungry Planet" and "Too Many."

## Governance suggestions sought

The Ad Hoc Committee to Review Academic Governance is seeking input from the campus community.

Bruce L. Miller, assistant professor of philosophy and assistant chairman of the committee, said that members of the University community with suggestions on academic governance are urged to contact the review committee. He added that the suggestions be written and can be sent to him.

The seven - member review committee was appointed by President Wharton in May to "define the purpose of academic governance." Established as a summer task force, the committee has a mid - November deadline for completing its report.



# Around the campus: A summary

## Employes' concerns on women's agenda

The Women's Advisory Council (WAC) will shift its attention during the coming weeks to the concerns of University employees who are not on the faculty.

It has tentatively scheduled discussion of training programs for women and minorities on July 2 with Josephine Wharton, coordinator; the concerns of labor payroll employees on July 16 with Julia Gill, WAC representative of Local 1585 of AFSCME; the concerns of administrative - professional employees on July 30 with Gail Braverman, WAC A-P representative:

The concerns of married students, also on July 30 with Amy Mitts, WAC married students representative; and the concerns of student employees on Sept. 10 with John D. Shingleton, director of the Placement Bureau.

The council has requested C. Keith Groty, assistant vice president for Personnel and Employee Benefits, to attend its Sept. 24 meeting.

At its most recent meeting on June 18, the council unanimously approved a statement which it forwarded to the State News, expressing concern over its advertising policies.

"We are specifically concerned about the inclusion of advertisements specifying the sex of job applicants; seeking employees for the purpose of sexual exploitation, e.g. 'topless shoe shine girls'; and those which assume that women are incapable of performing any but the most routine skills," the statement reads in part.

"... we would urge the State News to carefully review the advertising policies with a projected goal of eliminating sexually discriminatory and / or stereotypic advertising."

Christine Wilson, assistant director of women's programs, presented a progress report on efforts to produce and broadcast a television series with WKAR-TV on some of the problems women face.

The series was one of 21 recommendations and actions for improving the status of women at the University which were made a year ago by the administration.

A fund and content proposal is expected to be made sometime next month, she said. Council members Mary Kay Scullion and Gail Morris volunteered to assist with the project.

## AAUP elects officers

The local chapter of the American Association of University Professors has announced the results of its recent election of officers.

The new president is Roy T. Matthews, associate professor of humanities. He succeeds Lester V. Manderscheid in that position.

The new secretary is Henry D. Foth, professor of crop and soil sciences.

Representing tenured faculty are Thomas H. Greer, professor of humanities, and Marjorie E. Gesner, professor of history.

Denise Coburn, assistant professor of social work, and Jack F. Williams, geography instructor, will represent untenured members.

Martin Fox, professor of statistics and probability; Sandra L. Gustafson, American Thought and Language instructor; and Frederick H. Horne, associate professor of chemistry are at-large representatives.

## Job market improved, MSU expert reports

Today's job market is the best it has been since 1969 says the director of the nation's largest college placement bureau.

Jack Singleton, director of the MSU Placement Bureau, cited the improved economic picture as the reason for the upsurge in employment opportunities for college grads.

"Employers are also trying to fill the manpower bubble that was created when business took a turn for the worse during the late '60s," Singleton said.

The adverse economic picture made personnel cutbacks necessary and many college grads were unable to find employment in their major fields, according to Shingleton.

"Although employers grew accustomed to lean staffs during this period, they could not operate this way indefinitely," he said.

"Accounting, engineering, marketing and health professions majors are still the most sought after,"



Mrs. Clifton R. Wharton, Jr., escorts the widows of former faculty members into Cowles House as part of a special reception she held for the women last week. Mrs. Wharton was hostess for some 65 women.

## Special thanks given to widows of faculty

It was a time to renew old friendships and a time to catch up on the ever changing University.

Just as importantly, it was a time for the University to show its appreciation for the role the widows of former faculty members have played here.

Some 65 women accepted invitations from Mrs. Clifton R. Wharton, Jr., to be her guests on Tuesday, June 19, at her second reception for the widows of former faculty members.

"I began this program," Mrs. Wharton said, "because these women contributed so much to the University while their husbands were alive and we should always consider them a part of the Michigan State University family."

The day's activities included a luncheon at Kellogg Center, followed by a visit to the reception area of the president's office to see the display of photographs of the University at the turn of the

century which Mrs. Wharton organized.

"Didn't your husband have an office in that building?" "Why, I used to double date with that professor's son." "I had forgotten all about that building." "Do you remember when..."

The women proceeded to the Board Room in the Administration Building where President Wharton chatted with them about the projects and plans of MSU, including negotiations for a new law school, the growth in the colleges of medicine and the reciprocal atmosphere which has developed between MSU and foreign countries.

The day concluded with a visit to Cowles House where the women had refreshments and viewed the art Mrs. Wharton has displayed there, before watching "A Place to Grow," a film on the need for the new performing arts center which is planned. Mrs. Blanche Martin and Mrs. James Bonnen assisted Mrs. Wharton at the Cowles House reception.

## Shackleton resigns

Robert E. Shackleton, director of alumni relations at MSU, is resigning to accept a similar post at Florida State University. His new appointment is effective Aug. 13.

Shackleton has held his present position at MSU since 1970. A 1948 MSU graduate, he began his career here as assistant manager and sports director of the University's radio and television stations. He later served as coordinator of the athletic scholarship fund and director of the Development Fund.

Shingleton said. "Graduates in these and other technical areas are also making the largest starting salaries," he added.

Engineering majors rank first with the highest average starting salaries of any field. Chemical engineering majors with bachelors degrees average \$981 per month and those with masters, \$1,111.

On the other hand, liberal arts, social science, and education majors are still in the lower demand and lower pay areas according to Shingleton.

The average monthly salary of liberal arts majors with bachelors degrees is \$754. Another consideration when examining this figure is the fact that these majors are more vulnerable to underemployment and unemployment.

Unfortunately, women and minorities tend to major in these low demand areas and are many times unable take full advantage of their choice position in today's job market, Shingleton said.

## Carillion bells to ring

There is music in the air again this summer as MSU carillonneur Wendell Westcott presents concerts three times weekly on MSU's 47 - bell Beaumont Tower carillon.

The current concerts series can be heard at 4 p.m. Sundays, and 8 p.m. Tuesdays and Thursdays through July 31.

## Bus service canceled

The Automotive Services Department will not provide campus bus service during the 1973 summer term.

This decision was made because of the extremely small summer term patronage.

According to Paul Nilsson, Associate director, Physical Plant, during the first five weeks of the 1972 summer term, only 239 passes were sold. "This was less than 1.7% of the 14,372 campus students enrolled. Some individual ride tickets were also sold but their total number was insignificant. Because of the small student response the service was cancelled for the second summer term of 1972.

"Campus bus use continued to decline during the 1972-73 school year, leaving little hope that any significant changes in ridership would occur this summer term," he said.

In addition to the low number of passengers carried, the high fuel consumption, the high cost of bus operation and maintenance and vehicle replacement prohibit operation of the system for the few students who use the buses during summer term. Bus service will be resumed in the fall.

The reduction of bus service will not cause any lay-offs of drivers. "Drivers are used in other areas with other duties when buses are not in operation," said Nilsson.



## Trustees OK appointments

# Lyman Briggs dean named

The MSU Board of Trustees approved 40 appointments, 34 transfers and changes in assignment, and four promotions at its meeting Friday (June 15).

The personnel changes included the appointment of Michael Harrison as the dean of Lyman Briggs College.

Harrison, who had been named the university's first faculty grievance officer in August 1972, succeeds Frederic B. Dutton, who has been dean since the college's inception in 1967. His appointment is effective Sept. 1.

Harrison joined the MSU faculty in 1961 as an assistant professor of physics and was promoted to associate professor in 1963. He served a joint appointment with Lyman Briggs College in 1967-68 and was named professor of physics in 1968.

Milton E. Muelder, who will retain his position as vice president for research development, is relinquishing his joint appointment as dean of the School for Advanced Graduate Studies, a post he has held since 1959. Clarence W. Minkel, associate dean of the graduate school since 1968, will take the position of acting dean.

Thomas G. Bahr, assistant director of the Institute of Water Research at MSU since 1970, was named director.

Bahr succeeds Robert C. Ball, who becomes associate director, effective July 1. Dr. Ball, the director since 1966, had asked to be relieved of primary responsibility for administrative matters in order to devote more time to his research interests.

Bahr recently completed a major study for the U.S. Army Corps of Engineers on ecological assessments for waste water management in southeastern Michigan.

Norma Lee Bobbitt, associate professor of family ecology and secondary education and curriculum, has been named assistant dean of the College of Human Ecology, effective Sept. 1.

Mrs. Bobbitt succeeds Rosalind Mentzer, who is retiring after holding the position since 1957.

Mrs. Bobbitt joined the MSU faculty in 1969 as an assistant professor of secondary education and curriculum. She became a member of the faculty of the College of Human Ecology as well in 1970.

Dale G. Brickner, currently assistant director of the Labor Education and Research Center at Indiana University, has been named associate director for the Labor Program Service in the School of Labor and Industrial Relations (see related story).

Brickner's appointment is effective July 1.

He succeeds Russell W. Allen, who has been on a year's leave of absence to work with the AFL-CIO Labor Studies Center in Washington, D.C. Allen will remain with the AFL-CIO center.

Jacqueline Brophy, associate professor of labor and industrial relations, has been acting associate director in Allen's absence.

Brickner, who will also be a professor of labor and industrial relations, has been an associate professor of economics at Indiana, specializing in collective bargaining, labor law, arbitration systems and labor economics.

The board approved appointments for (effective July 1): Dale Harold Brose, 4-H youth agent, Branch County; Mary Ann Snow, extension home economist, at large; Richard Allen Cole, assistant professor, fisheries and wildlife and Institute of Water Research; Lawrence McIvor Ross, associate professor, anatomy; Earl W. Campbell, assistant professor, medicine; Tom M. Johnson, associate professor, medicine and assistant dean for Grand Rapids, College of Human Medicine; Fred L. Mitchell, Jr., associate professor, biomechanics; Donald E. McBride, professor, osteopathic medicine; Florence A. Denny, librarian, Library; Suzann Marie Pyzik, specialist, University Archives



Michael J. Harrison



Norma Lee Bobbitt



Thomas G. Bahr

and Histocriol Collections; and Wilma N. Bradley, specialist in student advising, Office of the Dean of Natural Science.

Other appointments approved by the board were (effective Sept. 1): Aaron E. Reynolds, Jr., assistant professor, food science and human nutrition; Josef Wolf Knovitz, assistant professor, history; C.P. Jethwa, visiting assistant professor, electrical engineering and systems science, to Aug. 31, 1974; Julius Preminger, visiting professor, electrical engineering and systems science and engineering research, to Aug. 31, 1974; Sylvia E. Gartung, specialist, food science and human nutrition; Dennis Robert Keefe, assistant professor, family ecology and food science and human nutrition; Charles Given, assistant professor and associate director of health service education and research; and Mimi M.A. Sayed, associate professor, Lyman Briggs College.

Appointments were also approved by the board (effective Sept. 1) for: George William Bird, associate professor, entomology and botany and plant pathology; Richard Miller, assistant professor, mathematics; Herman Van Rossum, visiting professor, mathematics, to Aug. 31, 1974; Dale G. Brickner, professor and associate director, Labor Program Service, labor and industrial relations; Gerald E. Grove, assistant professor, urban planning and landscape architecture; Dan Preston, assistant professor and director, Learning Research Center, Evaluation Services.

The board also approved appointments for: Walter David Merry, extension assistant, 4-H youth programs, June 18; Kay Ann Siegrist, 4-H youth agent at large, June 15; Barbara L. Bjork, librarian, Library, July 16; Albert S. Aniskiewicz, assistant professor, Counseling Center, Aug. 1; Lee N. June, assistant professor, Counseling Center, Aug. 1; and Douglas E. Miller, assistant professor, Counseling Center, Aug. 15.

Appointments were also approved for eight specialists in the Cyclotron Laboratory effective May 1. They are: Norman Bird; William Harder; David Johnson; Harold Paul Hilbert; Jack Kitsmiller; Donato Magistro; Norval R. Mercer; and Guenter Stork.

Academic promotions were approved for

(from instructor to associate professor): Jean Nicholas, Romance Languages, April 1; Etta C. Abrahams, American Thought and Language, June 1; Angela Elliston, American Thought and Language, July 1; and Benny Cathey, natural science, July 1.

The board approved transfers and changes in assignments for (effective July 1): Martin R. Hetherington, assistant professor, Science and Mathematics Teaching Center with additional assignment as assistant professor, secondary education and curriculum; Ralph C. Gordon, assistant professor, human development with additional assignment as assistant professor, microbiology and public health; Edward M. Eisenstein, from professor and chairman, biophysics to professor, biophysics; Kent L. Gustafson, associate professor, Instructional Media Center, secondary education and curriculum and osteopathic medicine with additional assignment as assistant to associate dean, osteopathic medicine; Wanda L. Chenoweth, assistant professor, food science and human nutrition with additional assignment as assistant professor, community medicine; Olaf Mickelsen, professor, food science and human nutrition with additional assignment as professor, community medicine; and Rachelle A. Schemmel, associate professor, food science and human nutrition with additional assignment as associate professor, community medicine.

Transfers and changes in assignment were also approved for (effective July 1): Bert M. Bez, from associate professor, osteopathic medicine and surgery to associate professor, osteopathic medicine; Ronald W. Hinz, from associate professor, small animal surgery and medicine and microbiology and public health to associate professor, small animal surgery and medicine; Joseph Patterson, from professor, community medicine and acting chief executive director, Health Care Authority to professor, community medicine and chief executive director, Health Care Authority.

Other transfers and changes in assignment were also approved for (effective Sept. 1): Robert F. Blanks, associate professor, chemical engineering with additional

assignment as associate professor, engineering research; Dennis P. Nyquist, from associate professor, engineering research and electrical engineering and systems science to associate professor, electrical engineering and systems science; Chuan T. Wei, from professor, engineering research and metallurgy, mechanics and materials science to professor, metallurgy, mechanics and materials science; Ronald C. Rosenberg, from associate professor, mechanical engineering and Office of the Dean of Engineering to associate professor, mechanical engineering; Donald J. Montgomery, from research professor, Office of the Dean of Engineering, metallurgy, mechanics and materials science and physics to research professor, metallurgy, mechanics and materials science, engineering research and physics; and Alexander Tulinsky, from professor, chemistry and biochemistry to professor, chemistry.

The board also approved transfers and changes in assignment for (effective Sept. 1): Paul B. Ginsburg, from assistant professor, economics and health service education and research to assistant professor, economics and health service education and research to assistant professor, economics and community medicine; Robert C. Trojanowicz, associate professor, criminal justice with additional assignment as assistant dean for undergraduate education, College of Social Science; Einar Hardin, from professor and associate director, labor and industrial relations to professor, labor and industrial relations; James R. Anderson, from instructor, humanities and Honors College to assistant professor, humanities; Richard B. Feters, associate professor, health, physical education and recreation and swimming coach, intercollegiate athletics with additional assignment assisting in intramural affairs; and Robert C. Ball, from professor fisheries and wildlife and director, Institute of Water Research to professor fisheries and wildlife and associate director, Institute of Water Research.

Transfers and changes in assignment were also approved for: Robert M. Jaskiewicz, from 4-H youth agent, at large to 4-H youth agent, Allegan, Kent and Ottawa counties, June 15; Archibald R. Johnson, from county extension director, Genesee county to extension agricultural agent at large, June 1; Keith P. Anderson, from associate professor, secondary education and curriculum to associate professor, School for Advanced Studies and assistant to associate dean, College of Education, April 1; Ronald Gene Rex, professor, teacher education with additional assignment as coordinator, summer sessions, College of Education, April 1; Cyril M. Worby, from associate professor and acting chairman, psychiatry to associate professor, psychiatry, June 1; R. Judson Carlberg, from assistant professor, Lyman Briggs College and presidential fellow to assistant professor, Lyman Briggs College June 16; Terry L. Kuhn, from assistant comptroller room manager, data processing to comptroller room manager, data processing, June 1.

## Puppet festival brings over 500 e

From the ubiquitous Punch to the Kuklapolitans and Sesame Street's Oscar the Grouch, the world of puppetry has invaded the MSU campus.

More than 500 puppet enthusiasts from across the country have come to MSU for the annual convention of the Puppeteers of America. Lectures, workshops and other sessions are being held in McDonel and Akers Halls. Fairchild Theatre has been the site of matinee and evening puppet shows for the public.

Having the annual puppet festival here has been the dream of Phyllis Maner of Lansing and Rhea Dow of Okemos. Both are active in the "Pemrad Puppets," the local group sponsoring the 1973 Puppet Festival.

They look upon the festival as a way to heighten the appreciation and knowledge of puppetry within the state.

"We were amazed," Mrs. Dow said, "to find people from all over the state interested in puppets."

The two enthusiasts are quick to point out that puppetry is more than just children's entertainment. "It's

much broader than that," Mrs. Maner asserts. "There are many puppet shows for adults only."

"I don't believe that the knowledge and appreciation of puppetry has extended to the point of its use in education, therapy and in religious teachings," Mrs. Maner said.

"In Europe," Mrs. Dow added, "puppetry is considered fine theatre and is state supported as adult theatre, not just for children."

The puppeteers of America include members who work with the four basic types of puppets — hand, string, rod or shadow.

Hand puppets are the most common type. Hand puppet devotees feel it is the most expressive form of puppetry because the operator is in closest physical contact with the puppet.

Marionettes, the most common type of string puppet, are popular because they more closely represent human beings with their functional legs and arms.

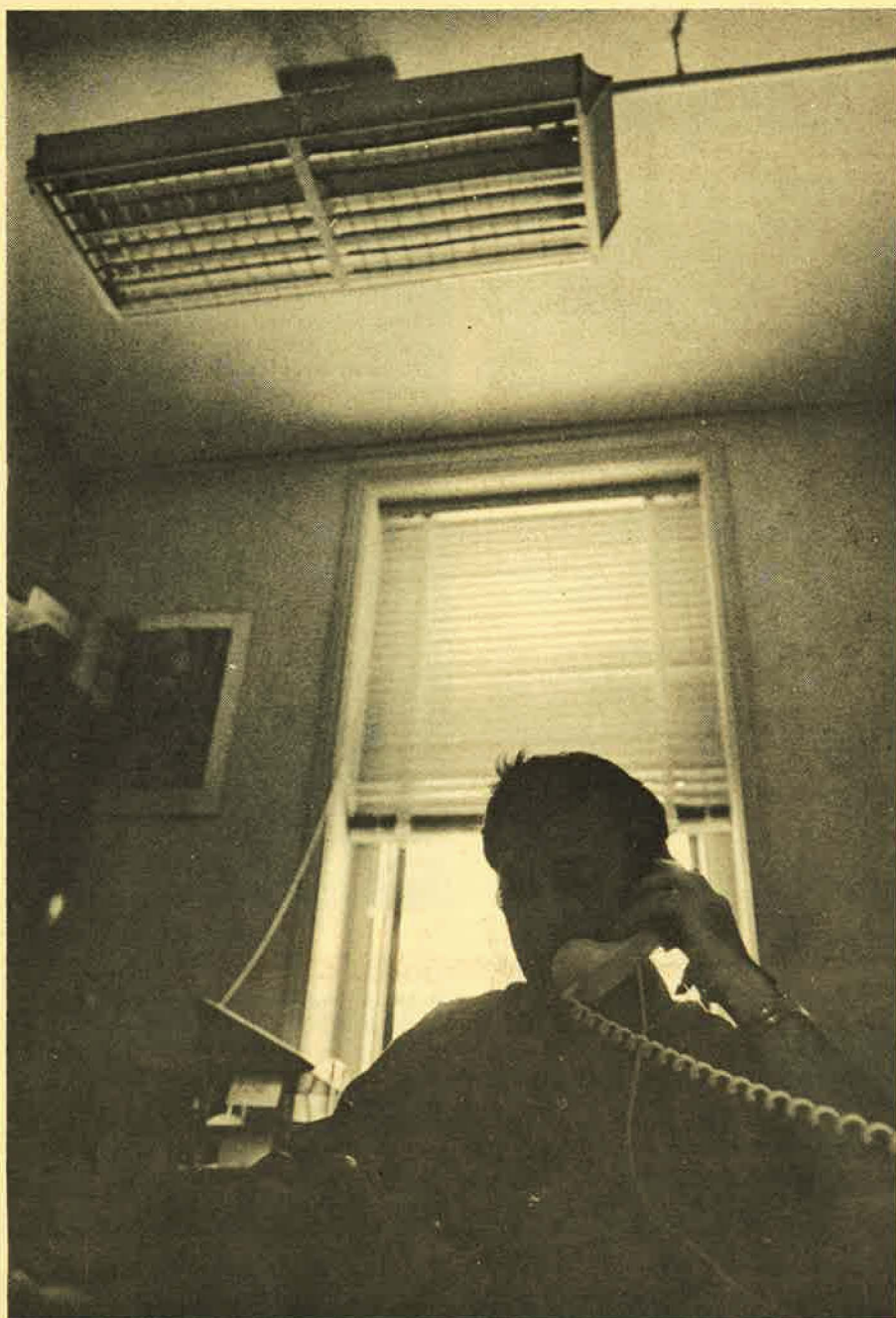
The term, marionette, is said to have originated in the nativity story



... Mark Twain, made by the famous American puppeteer, Tony Sarg.

performed in the church. A small puppet controlled by strings and





"Working in the dark" isn't a normal situation for University employees, but that's exactly what happened June 11 and 12. As fate would have it, a scheduled annual overhaul of the boiler in Power Plant 65 was in progress, when another boiler blew a tube. As a result, the University was running on approximately 19,000 kilowatts compared to the normal 25,000 kilowatts. Lights were dimmed and turned off throughout the University to conserve energy. And to make matters even worse, air conditioners and fans were turned off as temperatures rose to the mid - 80's.

## Study set of wives of faculty

Questionnaires are being mailed to a random sample of faculty wives at the University as part of a pilot study this summer to determine the level of their education and their employment aspirations.

The study is being made under the auspices of the Dept. of Human

Relations and Office of Women's Programs to determine the "labor pool" which faculty wives make up.

Ruth Lezotte, a doctoral student in administration and higher education, and a faculty wife herself will conduct the pilot - study.

"It is anticipated that this will be of some value to the University's colleges

and departments in their search for qualified women for possible employment," she said.

"The second major implication of the study is to gather data for further research into acceptable employment conditions for both the faculty wife and the University."

According to Mrs. Lezotte, only one previous study of this kind has been done - that at Yale University last year. The study revealed that 57.7 percent of the Yale faculty wives had done some graduate work beyond the bachelor's degree, and 10.7 percent held doctorates.

That report states, "Nationally, one woman out of every 100 college graduates receives a Ph. D., while in this sample . . . the rate is almost 13 times as great."

"Just as it seems logical that there are few major, over - riding differences between the Yale University faculty and the MSU faculty, so too does it seem logical that the MSU faculty wives share similar education and employment qualifications and aspirations," Mrs. Lezotte says.

The sample of faculty wives to be polled will be randomly selected, based on the husband's rank in the University, including all ranks from instructor through full professor. The rank of professor emeritus will be excluded.

Mrs. Lezotte said she plans to begin analyzing the results before the first five - week summer session is over, and to complete the analysis by the end of the 10 - week summer term.

"From this data we hope to determine what kinds of options are designed and feasible for further study," she said.

## Report being readied on affirmative action

The annual report on the progress the University has made toward meeting its affirmative action goals is expected to be finished by the Department of Human Relations this fall.

Faculty hiring practices are to be monitored every six months, according to Mary Sharp, associate director of the department. The next check will be made in October or November, she said.

The University's affirmative action program was both praised and criticized by individual members of the Board of Trustees at a lively, sometimes heated, informal meeting of the board on June 14.

At the request of the trustees, the staff of the Department of Human Relations was available for questions on a progress report which had been presented at the May 25 meeting of the board (See News - Bulletin, May 31, 1973).

The staff confirmed earlier reports that the affirmative action goals set in November, 1971, will not likely be met.

That initial affirmative action plan set the hiring goals for female faculty in the tenure system at 14.6 percent by 1974. This would be an increase of 3.2 percentage points from 11.4 percent of 1971. Presently, women make up 12.2 percent of the faculty in the tenure system.

Robert Perrin, vice president for university relations, told the board, "We probably can't meet the goals on the timetable we set, but I hope that people who look at the material we have provided will realize we really have made a good faith effort."

Mrs. Sharp cited seven "barriers" which are making it difficult to hire women and minority faculty members:

1. The size of the labor pool from

which MSU can draw women with Ph.D.s who would like to teach is small;

2. MSU is in financial competition with other colleges and universities and industry for the few women available;

3. Some women are interested in taking a position at MSU only if there also is a position for their husband, which there often isn't;

4. There is a reduction in the number of openings on the faculty at MSU, due in part to less turnover and fewer retirements;

5. The number of openings at the assistant professor rank are even fewer;

6. Some of the women applicants do not have expertise in the specialized area in which there is an opening.

7. Minorities have not traditionally pursued studies in certain areas, such as the hard sciences, so there is a very small number of faculty candidates in those areas.

In addition to women and minority faculty members, questioning by the trustees focused on the number of women and minority graduate students.

Trustee Patricia M. Carrigan, saying that something must be done to increase the pace at which the University works toward its affirmative action goals, asked the Human Relations staff several times if they needed "more teeth" to help departments meet those goals.

Trustee Warren M. Huff also suggested that perhaps the board needed to consider sanctions for departments not meeting their goals, or that the board should look at such basic things as the tenure system (citing an editorial from the Chronicle of Higher Education which said tenure systems may be one of the largest stumbling blocks in meeting affirmative action goals).

Trustee Kenneth W. Thompson and several Human Relations staff members replied, somewhat strenuously, that time and recognition of the progress that has been made is what is needed, not more "teeth" or sanctions.

Thompson said, "When you change direction, you don't immediately get results. It takes quite awhile. As (Joseph) McMillan, director of Human Relations, points out, we're really getting this thing turned around...I think it's time we knuckle down and get behind people like Joe McMillan."

Mrs. Sharp also replied, "We are persuaded they (the deans and department chairman) are making extraordinary efforts. Every unit is aware of the Board of Trustees' interest in this."

She added, "We have had more success in visiting with deans than with making threats."

Trustee Don Stevens said, "I think we want to watch departments who have let their axes get dull."

After studying charts prepared by the Department of Human Relations showing progress toward meeting the 1974 goals, Mrs. Carrigan said, "There appear to be units which have met and exceeded goals. These are Human Medicine and Osteopathic Medicine. I think it's very important for public attention to be called to this. I commend them."

Both Human and Osteopathic Medicine have exceeded their goals for both women and minorities. In Human Medicine, 14.8 percent of the faculty in the tenure system are women (11.6 percent goal), and 10.4 percent are minorities (6.2 percent goal). Likewise in Osteopathic Medicine, 15.8 percent are women (11.6 percent goal) and 8.1 percent are minorities (6.2 percent goal).

Provost John Cantlon pointed out that these are two areas in the University which have been growing.

## 0 enthusiasts to MSU

portraying Mary became known as a marionette.

Although evidences of puppets have been found throughout history, one of the oldest puppet characters and one that is still with us is Punch.

Tomorrow night at 8 o'clock in Fairchild Theatre, Jay Marshall of Chicago will present his version of "Punch and Judy."

Punch and Judy began in Europe in the 1400s, then moved to England and then to the United States.

Punch and Judy presentations, says Mrs. Maner, have all the plot elements that make it a sure - fire success. There are surprises, violence - all of the elements encountered in life. Punch and Judy shows, however, include satire on contemporary events.

Punch has very definite characteristics. He always has a hooked nose, a bell on his cap, always carries a stick and is often hunchbacked.

Punch and Judy are usually hand puppets and are frequently operated by one person. The "Punch and Judy man" frequently traveled west with the early U.S. pioneers.

Festival '73 will present matinee's especially for youngsters at 1 p.m. today and tomorrow in Fairchild Theatre.

Today, George Latshaw, will present "The Great Escape" and Carroll Spinney of Sesame Street fame will present "Oscar the Grouch."

Friday, "The Sword and the Stone" will be presented by the Milkin Puppets of Oaklawn, Ill., and the Lampoon Puppet Theatre of Ontario will present "Clowning Around."

This evening at 8 o'clock in Fairchild, German puppeteer Albracht Roser will spin the tale of "Gustaf and His Ensemble."

Tomorrow, "The Chorus of the Gods" will be presented by the National Theatre of Puppet Arts of Great Neck, N.Y., followed by Jay Marshall's "Punch and Judy."

Tickets for the children's matinees and the adult shows are available at the door and at the ticket office in the Union Building.

--FRED BRUFLODT



# New AP classifications adopted

(Concluded from Page 1)

"Job appeals are those where individuals believe that particular job duties more appropriately conform to a classification description other than the one in which they have been placed."

Through July 6, any appeals relating to the new system should begin with a written statement to the employee's immediate supervisor, according to Grotz. Upon his approval, it will be submitted to the next higher administrative level, and so on.

If the appropriate vice president or the provost concurs with the appeal, he will ask the Office of the Assistant Vice President for Personnel and Employee Relations to conduct a further review. That decision will be forwarded to the employee and the administrators involved.

If, however, a decision is made at any of the administrative levels not to forward the appeal, the employee will be given a written statement explaining the decision.

At this point, the employee may forward any relevant documents to the Office of the Assistant Vice President for Personnel and Employee Relations and ask it to conduct a further review.

All appeals which are initiated after

July 6 must be made in writing to an employee's immediate supervisor, then forwarded to the director of personnel. This has been the customary procedure in the past.

If employees began an appeal before the system was approved, it is not necessary to renew that appeal, according to Grotz.

During the summer, the administration will study several areas in which recommendations have not yet been made.

## Books

A monograph by ROSE LEE HAYDEN, instructor in romance languages and assistant executive director of the Midwest Universities Consortium for International Activities, Inc., has been published by the Latin American Studies Center. The work, "An Existential Focus on Some Novels of the River Plate," deals with the works of four novelists from the River Plate cities of Montevideo and Buenos Aires.

Among those areas are adjustments for the 4.3 percent of the A-P employees whose salaries exceed the recommended maximum, a performance review and merit system to achieve salary equity within compensation grades, and salary increases where necessary to bring minorities and women into closer parity with men, consistent with length of service and ability.

In a memorandum to the trustees which the board agreed should be studied during the summer, Executive Vice President Jack Breslin pointed out the need to develop promotional "career paths" for lateral movements from one unit of the University to another.

Both Breslin and Wharton also asked that the definitions of administrative and professional be refined so that classifications can be made as accurately as possible.

The administration will also study comments from the Office of Women's Programs and the Administrative Professional Association.

Hayes and Associates was employed by the Board of Trustees in August, 1972 to study and recommend a new A-P system. It condensed the 450 former classifications into 323.



Dale Arnold

## Information director is named

The appointment of Dale J. Arnold as director of information services was announced June 19 by Robert Perrin, vice president for university relations.

Arnold, 44, an alumnus of MSU, has been assistant press secretary to Gov. William G. Milliken for the past four years. He will replace W. Lowell Treaster who is retiring July 1 after 28 years of service at MSU.

After military service with the Army, Arnold began his reportorial experience with the Albion Evening Record, followed by four years each with United Press International in Detroit and Lansing, and the Detroit Free Press. While with the Free Press, he received an American Political Science Association Congressional Fellowship and spent a year working in Congressional offices in Washington.

From 1964 to 1966, Arnold was news bureau director of the National Music Camp at Interlochen. After a year as legislative analyst with the Speaker of the Michigan House of Representatives, he became director of public information of the Michigan Department of Education in December 1966. Arnold then joined Governor Milliken as assistant press secretary in February 1969.

Arnold, his wife Joycelyn and their four children reside in East Lansing.

## MSU Positions Available

**IMPORTANT:** Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353-4334 by July 3, 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. or asst. prof. in Special Education Instructional Materials Center (M.A.) Media Specialist with experience in "non-exotic" studio equipment, educational media design, educational media production, and work with teachers. Field use and field testing of experimental instructional systems desired.

Contact: Peter Sorum  
Special Education Instr.  
Materials Center

Instr. or Asst. Prof. in Special Education Instructional Materials Center (B.A.) Materials Development Specialist with experience in teaching, writing, curriculum development training. Specialization (B.A. major or minor) in content field of language arts, math, or social studies.

Contact: Peter Sorum  
Special Education Instr.  
Materials Center

Instr. or Asst. Prof. in Special Education Instructional Materials Center (B.A. or grad. degree in business, management or administration) Operations coordinator with management experience including fiscal planning, bookkeeping, personnel administration and supervision. Writing and / or editorial experience.

Contact: Peter Sorum  
Special Education Instr.  
Materials Center

Dept. of Health, Educ. & Recreation. Rank depends on experience / (M.A.) Coach the women's intercollegiate swimming team. Sponsor synchronized swimming club. Competitive and coaching experience in swimming and diving, credentials in Life Saving and Water Safety, some background in kinesiology sufficient to assist in laboratory teaching.

Contact: Gale Mikles, Chmn.  
Dept. of Health, Education  
and Recreation

Asst. Prof in School of Social Work (Ph.D. or near completion) Background in Clinical Social Work.

Contact: Gwen Andrew, Director  
School of Social Work  
Science Reference Librarian in the Library (M.A. in Library Science) Academic background in sciences of science library work experience.

Contact: Richard E. Chapin  
Director of Libraries

Science Cataloger in the Library (M.A. in Library Science) Academic background in sciences or science library work experience.

Contact: Richard E. Chapin  
Director of Libraries

Administrative Assistant to the Director of the College of Education (M.A.) Duties will include development and quarterly reporting of the budget, supervision of classified

personnel, maintenance of all personnel records, teaching one class per quarter in the general area of teacher education, and other duties as assigned by the director.

Contact: T. Clinton Cobb,  
Assistant Dean  
College of Education

### ADMINISTRATIVE - PROFESSIONAL

501. Senior Research Associate 16 - To develop and coordinate health related social research studies and / or projects. Requires the academic knowledge of a discipline plus advanced study and accumulated knowledge of application that is generally associated with a Doctoral degree in Public Health Education, Health Administration, Health Economics or a related field. Considerable experience in statistical evaluation and health related research design is necessary. \$17 - 23,800.

502. Food Service Manager 10 - (B.A. in Food Preparation and Service) Will be responsible for the total cafeteria and snack shop operation in a Univ. residence hall service. Must have reasonable experience and knowledge of general business. \$10,300 = 14,500

503. Senior Research Assistant / Social Science 9 - (Academic knowledge generally associated with a B.A. in Sociology, Psychology or Health Education) To participate in the design, execution and control of health related social studies and / or projects. Reasonable progressively responsible experience in the conduct of health related social science research is necessary. \$9,500 - 13,300

504. Senior Programmer 9 (Assoc. degree or equivalent education and experience) Reasonable programming experience is necessary to develop, write and modify application program for computer. Ability to translate defined details into language of the installation.

505. Assistant News Editor 8 - (B.A. in Journalism, English, or related field) Some knowledge and experience in the areas of reporting, writing, editing, layout and design is necessary. Must be able to work with all media. \$8,700 - 12,300

### CLERICAL - TECHNICAL

506. Computer Specialist IX - (B.S. in Computer Science, with background in systems, statistics and Biology are necessary) Responsible for maintaining a computerized data record for the Apple Pest Management Project. Have at least 3 years experience as computer programmer and data analyzer. \$4,03 - 5,01 / hour.

507. X-Ray Technologist VIII - Must be registered Radiologic Technologist (ARRT). Experience helpful. Must be willing to work varied shifts and take call. \$7,473 - 9,576

508. Computer Operator VIII - Two years minimum experience with MSU CDC 6500, MISTIC2, and CISSR routines. One year minimum experience processing medical and health-related data. Knowledge of programming languages FORTRAN, COBOL, COMPASS, SCOPE Control language, JCL, MAP, etc. Knowledge of basic statistics, modelling, etc. \$3.59 - 4.60 / hour

509. Sr. Laboratory Technologist VIII -

Experience in Electron Microscopy - (Will not train) To work full time for summer. Hours negotiable after summer. \$3.59 - 4.60 / hour

510. Executive Secretary VIII - Compose letters; manage office personnel; maintain inventory control; maintain department budget and accounts; schedule curriculum and teaching assistant assignments; and serve as secretary to important dept. committees. \$7,474 - 9,576

511. Dept. Secretary V - Accurate typist. Deal with faculty, staff and students. \$6,267 - 7,389

512. Sr. Clerk Typist V - Accurate typist. Scheduling services and monthly billings. \$6,267 - 7,389

513. Dept. Secretary V - Excellent typist. Dictaphone work for four professors. \$6,267 - 7,389

514. Senior Clerk - Stenographer V - Excellent typist. Knowledge of shorthand. Dictaphone work. \$6,267 - 7,389

515 - 519. Senior Clerk (5 positions) Various skill requirements. \$5,735 - 6,926

520. Accounting Clerk III - Good math and typing ability for invoice auditor. \$5,511 - 6,562

521. Typist - Dictaphone Operator III - Accurate manuscript typist. Mimeograph. \$5,511 - 6,562

522. & 523. Clerk - Stenographer III (2 positions) \$5,511 - 6,562

524 - 526. Clerk - Typist III (3 positions) \$5,440 - 6,422

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## Deaths

Bill Leroy Kell, professor in the Counseling Center and psychology died June 11. He was 55.

Nationally known for his counselor training programs, he had been with the MSU Counseling Center since 1957 and, formerly served as assistant director for training.

He was largely responsible for the development of the doctoral level internship and practical training programs in the Counseling Center.

Prior to joining the MSU faculty, he had served as an assistant professor at the University of Texas, 1950-53; lecturer in psychology at the University of Chicago, 1953-57; and also was assistant professor of psychology and the Counseling Bureau at the University of Illinois, 1954-57.

He held the A.B. and M.A. degrees

from Ohio State University and the Ph.D. from the University of Chicago.

He had held various offices in the American Psychological Association and was author of a number of works in the field of counseling.

Others deaths include:

Vaneti Carlson, who worked as a food supervisor in Landon Cafeteria from 1950 until her retirement in 1966, died May 18 at the age of 69.

Elie Adkins, who worked as a custodian in the Health Center from 1952 until his retirement in 1968, died June 1 at the age of 70.

Mary M. Benson, who worked as a custodian in Physical Plant from 1959, died June 10 at the age of 61.

Charles L. Garrison, who worked as a carpenter in the physical plant from 1946, died June 17 at the age of 55.



## CONFERENCES

- June 23-30 High School Engineering Institute  
 June 24-29 Festival 73—Puppeteers of America, Dormitory  
 June 24-30 Institute for Organization Management

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.

## BULLETINS

**ICE ARENA** The MSU Ice Arena will be open for skating from 3:30 to 5 p.m. Mondays through Sundays, and 8:30 to 10 p.m. Mondays through Saturdays during July and August. During the summer the Arena will have group instruction for toddlers and school children on weekday afternoons and for adults on Monday night. For information and applications, call the Ice Arena Office, 5-2380.

**DIPLOMA PICKUP** Diplomas for spring term graduates will be available for pickup at the Administration Bldg. as follows: advanced graduate degrees, beginning July 2, Room 150; master's degrees, beginning July 9, Room 150; and bachelor's degrees, beginning July 23, Room 50. Diplomas will be released only to the degree recipients upon presentation of identification. Diplomas not picked up by Aug. 3 will be mailed.

**SOCIAL SECURITY** The Office of the Comptroller advises that University employees at or over the age of 62 may be eligible for Social Security benefits if they are not going to be working during the summer months. Even though salaries may be paid in 12 monthly installments, services may only be rendered for nine or ten months of the year. This "earnings test" is used to determine eligibility for benefits based on the period in which salaries and wages are earned rather than when they are paid. Employees should contact the local Social Security Office, 838 Louisa St., Lansing, 372-1910, even if they have no intention of retiring, for more details.

**FOOD STORES CLOSING** Food Stores will be closed for the annual physical inventory beginning noon Thursday, June 28. Operations will resume Monday, July 2.

**UNIVERSITY CATALOG** The 1973-74 Academic Programs Section of the University Catalog is now available. Copies may be obtained from the Office of the Registrar, 64 Administration Bldg.

**SCHEDULE OF COURSES** The 1973 fall term Schedule of Courses and Academic Handbook will be available on July 9. Departmental representatives may pick up a supply in 64 Hannah Administration Bldg.

**WOMEN'S IM HOURS** The Women's IM Bldg. will be open from 10 a.m. to 8 p.m. Mondays through Fridays, 11 a.m. to 3 p.m. Saturdays and 1 to 4 p.m. Sundays during the summer. Pool hours will be 11:30 a.m. to 2 p.m. and 5 to 8 p.m. Mondays through Thursdays, 11 a.m. to 8 p.m. Fridays, 11 a.m. to 3 p.m. Saturdays and 1 to 4 p.m. Sundays. Evening hours Monday through Friday are available to men and women. The minimum age for guests is 8 years. All guests must be registered and pay 50 cents fee at the IM equipment room. Only one guest may come at one time.

## EXHIBITIONS

### Kresge Art Center

Through July 2: Historic "Punches," the "Ostrich Ballerina," and "Kermit the Frog" from "Sesame Street" are among the puppets and marionettes on exhibit from the Paul McPharlin Collection of Puppetry and Theatre Arts of the Detroit Institute of Arts. The exhibit is part of the 1973 Puppet Festival of the Puppeteers of America.

Beginning July 7: Recent acquisitions in the permanent collection will be displayed in the north and entrance galleries.

### Museum

A new case in Artisans Hall, "Armorer to Ironworker," features examples of the ironmaker and smith's art as compared to armor which disappeared with the advent of gunpowder.

## SEMINARS

### TUESDAY, JULY 3, 1973

Haploid plant cell lines and their differentiation into plant structures. Peter M. Gresshoff, The Australian National U., 12 p.m., 106 Plant Biology. **Plant Research Laboratory.**

### TUESDAY, JULY 10, 1973

Cardiovascular physiological studies in the Apollo space program. Roger A. Wolhuis, project leader, NASA Manned Spacecraft Center Cardiovascular Research Laboratory, 4 p.m., 216 Giltner. **Physiology.**

### WEDNESDAY, JULY 11, 1973

Minority education in Israel. Sami Kh. Mar'i, 1 p.m., W-2 Owen. **Urban and Metropolitan Studies.**

For general information about MSU, please call 353-8700.



Two carved and painted wood statues of saints from 18th century Brazil are among the recent gifts to the permanent collection that will be on display at Kresge Art Center beginning July 7. On the left is an anonymously sculptured eight-inch form of St. Francis and on the right the 10 1/2-inch "Our Lady of Conception," the artist of which is also unknown.



## FRIDAY, JUNE 29, 1973

- 1 p.m. Puppet Festival—Sponsored by the Puppeteers of America, the last matinee of the festival features "The Sword and the Stone," by the Melikin Puppets of Oaklawn, Ill. and "Clowning Around" by the Lampoon Puppet Theatre of Ontario. The matinee shows are primarily for children. Tickets may be purchased at the Union Ticket Office or at the door. Fairchild Theatre.
- 8 p.m. Puppet Festival—The evening performances of the puppet festival feature sophisticated adult entertainment. Tickets are available at the Union Ticket Office or at the door. Fairchild Theatre.
- 8 p.m. "Sun: Star of Life" emphasizes that no physical object in the universe beyond earth has been so significant to man as the sun. A 15-minute skywatching session follows the 8 p.m. performances, with outdoor observation when weather permits. Abrams Planetarium.
- 10 p.m. "Sun: Star of Life" (see above). Abrams Planetarium.

## SATURDAY, JUNE 30, 1973

- 2:30 p.m. "Sun: Star of Life" (see June 29). Abrams Planetarium.
- 8 p.m. "Sun: Star of Life" (see June 29). Abrams Planetarium.
- 10 p.m. "Sun: Star of Life" (see June 29). Abrams Planetarium.

## SUNDAY, JULY 1, 1973

- 4 p.m. Graduate recital—Ernest Lloyd, cellist. Music Auditorium.
- 4 p.m. "Sun: Star of Life" (see June 29). Abrams Planetarium.

## MONDAY, JULY 2, 1973

- 7 p.m. An outdoor "pops" concert will be the first of five presented by gifted high school musicians during MSU's Summer Youth Music Festival. There is no charge for admission. Gardens east of the Music Building.

## TUESDAY, JULY 3, 1973

- 12 p.m. University Club luncheon—Donald Henley, associate professor of marketing and transportation administration, will speak on "An Investor's View of Current International Political and Economic Forces" as part of a continuing colloquy on personal investments in an atmosphere of political and economic uncertainty.
- 7:30 p.m. Summer Youth Music Festival student recital. Music Auditorium.
- 8 p.m. Carillon concert—Wendell Westcott will perform 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 from the tower to hear the bells most effectively.

## THURSDAY, JULY 5, 1973

- 7:30 p.m. Summer Youth Music Festival student recital. Music Auditorium.
- 8 p.m. Carillon concert (see July 3). Beaumont Tower.

## FRIDAY, JULY 6, 1973

- 7:30 p.m. Summer Youth Music Festival faculty recital. Music Auditorium.

- 8 p.m. "All Spaced Out," a new program in the sky theatre, features 15 years of space exploration and discusses prospects, problems and finances. The 8 p.m. performances will be followed by a skywatching session with outdoor observation if weather permits. Tickets are available at the door. Abrams Planetarium.
- 10 p.m. "All Spaced Out" (see above). Abrams Planetarium.

## SATURDAY, JULY 7, 1973

- 1:30 p.m. Final concert of Session I of the Summer Youth Music Festival. Performing will be chorus, band and orchestra. Auditorium.
- 2:30 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 8 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 10 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.

## SUNDAY, JULY 8, 1973

- 4 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 4 p.m. Carillon concert (see July 3). Beaumont Tower.
- 4 p.m. Graduate recital—Diane Skentzos, soprano. Music Auditorium.

## MONDAY, JULY 9, 1973

- 8:30 p.m. Graduate recital—Sephen R. Lange, organist. Hart Recital Hall.

## TUESDAY, JULY 10, 1973

- 12 p.m. University Club luncheon—Robert Fisher, vice president of Michigan National Bank, will discuss "Investment Opportunities" as part of a continuing colloquy on personal investment.
- 8 p.m. Carillon concert (see July 3). Beaumont Tower.

## WEDNESDAY, JULY 11, 1973

- 7 p.m. "Whatever Happened to Baby Jane?" will be featured as part of a new MSU film series, "Director's Choice." Bette Davis and Joan Crawford present a tour de force as two once-idolized and wealthy females now living as virtual recluses. Admission is \$1.25. Fairchild Theatre.
- 7:15 p.m. Duplicate bridge—Faculty and staff are welcome to participate as either individuals or couples. For information call Raymond F. Johnston, 5-6483.
- 9:15 p.m. "Whatever Happened to Baby Jane?" (see above). Fairchild Theatre.

## THURSDAY, JULY 12, 1973

- 8 p.m. Carillon concert (see July 3). Beaumont Tower.

## FRIDAY, JULY 13, 1973

- 8 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 10 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.

## SATURDAY, JULY 14, 1973

- 2:30 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 8 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.
- 10 p.m. "All Spaced Out" (see July 6). Abrams Planetarium.