

Are all vice presidents 'academic officers'?

Whether to include the executive vice president and the vice president of business and finance as "chief academic officers" in the proposed recommendations for selection procedures will be decided by the Academic Council.

This charge to the Council will be made by the ad hoc committee on procedures for selecting the chief academic officers of the University when the committee's proposals go to the Council at its 3:15 p.m. meeting today in the Con Con Room of the International Center.

John F.A. Taylor, professor of philosophy and chairman of the ad hoc

committee, will present a report which defines a chief academic officer as one whose office "issues decisions significantly affecting the academic program of the University..."

The committee includes both the executive vice president and the vice president for business and finance in its definition.

Taylor said that the Board of Trustees probably will not approve inclusion of these two positions on the list of academic officers since the executive vice president also serves as the Board secretary, and the vice president for business and finance is the Board treasurer.

According to Taylor, the disagreement over these two offices caused the long postponement of this report.

* * *

THE RECOMMENDATIONS ALSO call for establishment of a special advisory committee to the president "to represent the voice of the academic community."

The suggested committee would be composed of nine persons: Three appointed by the president (two from the nonadministrative membership of the faculty, the third an administrative officer, faculty or staff member familiar with the responsibilities of the position

to be assigned); three chosen by the Elected Faculty Council; a member of the Faculty Steering Committee elected by the Council; and two students to be selected by the student members of the Academic Council.

The committee's functions would include a review of the responsibilities of the office to be filled and of the special qualities that are to be sought in filling it; an exchange with the president to determine his concept of the role and the kind of persons needed for it and an exchange with the provost to determine his concept of any office that falls under his jurisdiction.

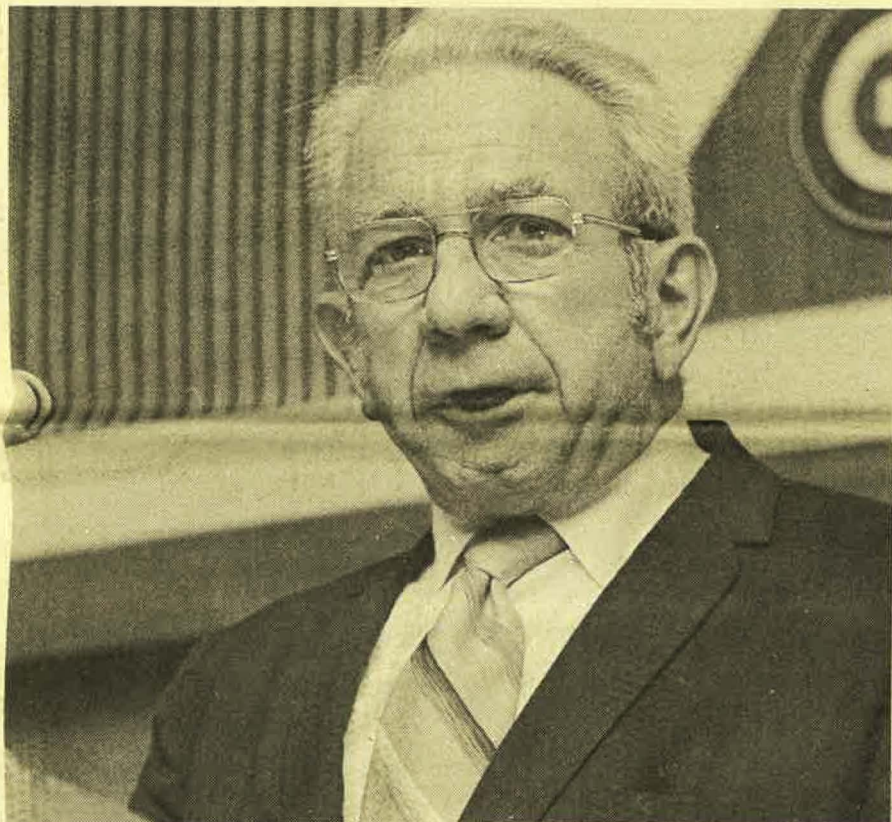
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MSU News-Bulletin

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Michigan State University

June 1, 1972



Hawley: Having 80 percent "want to."

Bill Hawley: Out to change percentages

A very special man at Michigan State is out to change the percentages.

From now on it is going to be 80 percent "want to" and 20 percent "ought to" rather than the other way around for Dean Bill Hawley.

After 18 years in industry and 34 years in education, the twinkling-eyed, ruddy-faced Hawley is about to retire.

An associate dean of the College of Education since 1968, Hawley delayed his retirement for one year to serve as acting dean of the college while a successor was sought to John Ivey who stepped down to return to teaching and research.

His colleagues have nothing but praise for the man who has been fostering critical self-examination and stimulating extensive review of existing programs in this transitional period.

It was only proper, then, for the Board of Trustees to name Hawley dean of the college. Soon, however, Keith Goldhammer, dean of the college of Education at Oregon State University, will assume the same position at MSU,

and Hawley can start working on the percentages.

After moving up to Lake City this summer, his first order of business will be a trip around the world. December will be spent in Florida in a trailer, and in January the Hawleys will leave for the West Coast. From there it is on to

(Continued on page 2)

Subcommittees list concerns of women

EDITOR'S NOTE: Following is the first of two articles dealing with major points addressed by the Women's Steering Committee. The first includes major observations in the subcommittee reports on student concerns, and employment policies and practices at MSU. Next week's article will review the steering committee's recommendations for a permanent structure to meet the needs of women. The subcommittee report on minority concerns also will be examined.

Recommendations ranging from housing options and women's athletics to employment benefits and pay policies for women have been included in the Women's Steering Committee report to be submitted to President Wharton this week.

The report, representing the culmination of three months' work, focuses on recommendations for a permanent structure to deal with women's needs. Subcommittee reports on the major issues are attached as appendices.

Sixteen major areas were identified as critical by the Subcommittee on Student Concerns.

In the area of admissions, the subcommittee stressed that the ratio of admissions staff members be equalized, suggested and that there be no quotas for admission. It also stressed that recruitment should involve students and counselors whose backgrounds reflect the community they are visiting.

Subcommittee members recommended, in financial aids, that when both spouses are students, each

should be considered as an individual and packaged accordingly.

They also noted that the requirement of a Parent's Confidential Statement is not appropriate for any student who has established a legal residence separate from parents. This means that married students who have not been obtaining financial aid from parents would qualify, and any student whose parents either refused to offer assistance or refused to cooperate with the University in filling out the form would not be penalized.

Under financial aids it is also recommended that all types of aid, including trustees' scholarships, be available to part-time students who qualify and that financial aids be coordinated by one department, the Financial Aids Office under the Vice President for Student Affairs.

CENTRALIZED ADVISING

Highlighting points under orientation, academic advising and counseling was a recommendation for centralizing academic advising and tutorial services so that they are available to all students, with a special emphasis given to freshman and all nonpreference students.

The subcommittee report on student concerns also emphasized that academic advisors should receive in-service training so they are familiar with job needs, curriculum, and major requirements, and are sensitive to the

(Continued on top of page 2)

Ad hoc group completes fact-finding task

The University is publishing this week a summary of its policies that cover such areas as sponsored research, overseas programs, purchases from contractors, the status of ROTC, investments and operation of the Placement Bureau.

The summary is part of the work of an ad hoc committee that will review and make possible recommendations in such policy areas. The committee was proposed in response to antiwar demonstrations last month, and its formation was approved by the Board of Trustees on May 19.

The University's 11 members of the fact-finding committee include: Administrative appointees — Milton Muelder, vice president for research development, and Elliott G. Ballard, assistant of the president; faculty members — John Reinhoehl, humanities, Harold Hafs, physiology and dairy science and Chitra Smith, James Madison College, students selected by Academic Council — Charles Poizel and Dan Smith, undergraduates, and Dan Masterson, graduate student; representatives from the antiwar demonstrators — Mitchell Stengel, assistant professor of economics, Charles Massoglia and Lois Gertz.

Women's subcommittees report . . .

(Concluded from page 1)

special needs of women and minority students.

Developing an awareness of sex-role stereotypes and personal and career development were listed as being of primary importance when dealing with women as counselees.

In terms of curriculum changes, the subcommittee report suggested that: Overall curriculum be studied in terms of its relevance to women students; general survey courses required for undergraduates be integrated with material pertinent to women students; and a mechanism be designed to allow students to develop programs to the extent desired in multidisciplinary studies related to women.

Addressing women's athletics and recreation specifically, recommendations were made for an athletic structure to best meet the needs of women. This structure includes a director of women's intercollegiate athletics, a women's intramural director and a proposal that these two women sit on the Athletic Executive Council. The report further recommended that student fees collected for athletics be divided equally between men's and women's athletics.

EMPLOYMENT PRACTICES

In employment, a second subcommittee proposed that women compose at least half of the total employment force at all levels at MSU.

The subcommittee report on employment policies and practices at MSU stated that as undergraduate and graduate women and women employees see more females in roles of higher status in areas previously closed to women, they will become aware of opportunities available to them. By the same token, it added, more males should be employed in areas traditionally dominated by women.

Thus, subcommittee members stressed, "equal access to positions in which there are no known requirements based on any known and/or proven physiological or psychological differences by sex, must become a reality."

Under hiring policies and practices, the subcommittee recommended adequate representation of women faculty at all levels in all colleges.

The group further suggested: "All administrative offices must employ women, including minority women, at professional levels, and eliminate the exclusively male-staffing in the offices of the president, vice president, provost, alumni, internal audit and public safety.

"Women should be employed," the report added, "in all 10 levels of administrative-professional positions and should no longer be concentrated in the lower section of the scale, vis-a-vis the current practices."

With respect to clerical-technical and labor personnel, the women emphasized that, "it should neither be assumed that women seeking employment should automatically be referred to a

clerical-technical opening or to the labor payroll, nor should it be assumed that they must start at the lower levels."

RECRUITMENT

The report recommended that part-time work be made available to women at equitable salaries commensurate with their training, ability and experience thus combining occupational skills with family permanence.

"Wives of faculty and other staff members represent a valuable resource for employment," the reports stated. "The present structure must provide access for them to become knowledgeable about positions in units which are seeking staff."

In recruitment, the subcommittee recommended that a centralized system be established "which will provide a well-organized structure where all positions in all levels of employment in the University can be announced and posted. This must not be limited to the levels of clerical-technical, administrative-professional and labor payroll jobs currently encompassed within the personnel office. The services and functions of the Placement Bureau should be a part of the total system of job information."

The women also stated that after providing promotional opportunities for all present employees at all levels — particularly women and minority women — the University should then recruit faculty and administrative personnel from throughout the state and nation. —BARBARA MC INTOSH

Hawley steps down . . .

(Concluded from page 1)

Asia, Africa and Europe to visit friends and family.

An avid hunter and fisherman, Hawley's love for the outdoors will play a major role in the 80 percent "want to."

Reflecting on his years in supervisory capacities and working with people, Hawley observed that "to the extent that other people you are working with get credit, your own stature increases... in order to work effectively with people, it is important to understand what they are after without making judgments about it.

"One of the most important things is to never belittle another man's work — never take from any man his song," he added.

"People are very intelligent, and the only way you can work comfortably with them is to always be honest and fair. Otherwise, how is anyone going to put faith in your proposals?"

Hawley left school after the 10th grade. While working as an apprentice diemaker, toolmaker and supervisor, he returned to school and went on to

college to learn a trade.

Going to school because he liked it, his trade turned out to be education.

After graduation Hawley taught in the Detroit public schools from 1938 to 1941. While working on his master's degree at Wayne State University he served as trade and industrial education supervisor, and assistant state director of vocational education in the Michigan Department of Public Instruction. From 1950 to 1953 Hawley was state director of vocational education and assistant superintendent of public instruction in Michigan.

Joining the faculty here in 1953, Hawley served as professor of education, head of the department of vocational education, head of the department of teacher education and as assistant dean of the College of Education.

From 1962 to 1963 Hawley was an educational consultant to the MSU/Guatemala Project and from 1963 to 1965 he was chief of party for the MSU advisory group to the University of Nigeria and campus coordinator for the Nigeria Project.

—BARBARA MCINTOSH

Selection committee report ...

(Concluded from page 1)

The choice of whether the body is a "committee of search" or a "committee of rating" would be decided by the president.

The search committee, as outlined in the recommendations, could be asked by the president to assemble and screen nominations, and to submit a recommended list to him.

Under the rating procedure, the committee would judge the acceptability of any persons whom the president has designated nominated.

The search and rating procedures provide the committee with active participation in the selection of a candidate for an office. But, the recommendations state that "the president is not bound by the ratings of the committee."

ACADEMIC OFFICERS that would be under the jurisdiction of the committee include: Provost, executive vice president, vice president for business and finance, vice president for research development, vice president for student affairs, and vice president for University relations.

Also: Dean of the School for Advanced Graduate Studies, dean of International Studies and Programs, director of libraries, director of the Honors College, director of Continuing Education Service, and the ombudsman.

The recommendations state — with respect to the positions of executive vice president and vice president for business and finance — that "since these positions respond to numerous demands that fall beyond distinctively academic concerns, it is understood that the president will seek advice in addition to the advice of the Academic Council."

The ad hoc committee was formed three years ago by the Council to make recommendations on faculty and student participation in selecting the president, and in selecting chief academic officers.

The committee completed the first part of its charge in February, 1969, when the council established a search committee for selecting the president.

—SANDRA DALKA

History in sound

Fiorello and 'those bums'

By G. ROBERT VINCENT
Curator, National Voice Library

(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.)

My acquaintance with Fiorello LaGuardia goes back to the days when he was a Congressman from the 21st New York District. He was always an honest politician, but a natural-born rebel who never minced words.

To show his contempt for the hypocrisy of the then-existing Prohibition statute, he brewed beer on the steps of the U.S. Capitol Building, but no one came to arrest him. Later he became mayor of New York City and held that office for 12 years.

The National Voice Library holds many of his recorded reports to the people, including his readings of the comic strips during a newspaper strike. LaGuardia was particularly

incensed about gamblers, whom he called "tin horns." Here are some colorful quotes:

"Do you remember the case I told you about a couple of weeks ago — of one who had the gambling habit and was chiseled out of his winnings by a tinfohn? Well, he wrote me that, after betting several years with a tinfohn, thieving, chiseling bookie, he won \$235. . . And the bookie — the thief, the chiseler, the racketeer — of course wouldn't pay him. He said, 'If you don't pay me, I'll write to the mayor.'"

"The guy said, 'I don't care about the mayor' . . . Why, the big bum! I ordered the police to pick him up and they did pick the big bum up . . . Now, that just shows what chance anyone has who plays the horses. When you lose, they'll take your money and when you win . . . well, they try to get out of it . . ."

Well, the mayor made great progress in chasing the "tinfohns and gamblers" out of New York. So they set up shot across the Hudson River in New Jersey. But the mayor also wished to help his neighbor New Jersey apprehend the racketeers:

"Take down your pencils, here are some tinfohn telephone numbers in New Jersey that bets were phoned to on the games at Madison Square Garden . . . Are you listening New Jersey? . . . Are you listening Mr. District Attorney of New Jersey? . . . Pasaic 3-1043 . . . Pasaic 2-9333 . . . Linden 2-3763 . . ."

Fiorello loved the City of New York, and his dreams for the great metropolis turned into homes, hospitals, schools, markets and airports.



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Around the campus: A weekly review

Authorization cards verified

The MSU Faculty Associates (MSU-FA) has gathered enough signatures (30 percent) to call for a collective bargaining election among faculty, according to a decision by the Michigan Employment Relations Commission (MERC).

The campus chapter of the American Association of University Professors, while it has also filed signed authorization cards, does not have the 30 percent necessary to call for an election.

Representatives of the University and of MSU-FA will meet Friday to finalize the definition of the bargaining unit and to discuss the date for an election. The meeting was called by MERC. The University and MSU-FA have already tentatively agreed upon a unit definition.

Although the AAUP will not be able to participate in defining the unit, it has qualified as an intervenor and will be on the ballot when an election is held, possible next fall.

Faculty who vote will be able to choose either the MSU-FA or the AAUP as exclusive bargaining agent, or to vote for "no agent."

Administrative handbook studied

The MSU chapter of the American Association of University Professors (AAUP) has formed a committee to study the "Handbook for Administrators" prepared by the College of Social Science in November, 1971.

Charles R. Peebles, associate professor of natural science, reported at the AAUP's May 16 meeting that the handbook, which was written without faculty consultation, has been distributed to all departments.

Doris E. McNitt, administrative assistant to the dean of the College of Social Science, said later that the handbook was prepared in the dean's office with the help of associate and assistant deans, directors and chairmen of the college. It is designed for use strictly in the college.

"The handbook is intended as a means of improving communication among administrators of the policies and procedures."

Mrs. McNitt said that the finalized handbook was sent to Provost John Cantlon and to Herman L. King, assistant provost for academic administration, and that King sent it to other deans "as a point of information."

She said the handbook is a compilation of University policies, and includes such items as directives and memorandums from the president and the provost.

"The handbook is an effective way of putting all policies and other related matters in one form," she added.

Peebles had objected to the section in the handbook which states that "chairmen and directors shall maintain a restricted file on each faculty member."

In addition, the handbook states, "the individual faculty member cannot inspect his restricted file with regard to pre-employment confidential evaluations; evaluations of work of faculty members which have been solicited at the time of promotion consideration, except that such evaluations shall be made available when the evaluator's name can be withheld; and any material in the file gathered as confidential prior to enactment of the administrative handbook."

The section on restricted files also states that "any letters or other documents which are to be placed in the restricted files shall be made known to the individual faculty member."

The handbook contains 14 chapters covering such areas as budgets, faculty promotions in rank and salary, recruitment of faculty for appointment in the tenure system, central stenographic services, and MSU's anti-discrimination policy and procedures.

The book's introduction states that "nothing in this handbook or the policy bulletins of the college or memorandums of the college can modify codified policies, regulations or procedures of the University."

Student vote is heavy

University students let their voices be heard through voting during the state's May 16 Presidential primary.

In predominately campus precincts, 72 percent of the registered voters casted their ballots. This compares to a total voter turnout of 69 percent for East Lansing.

Precinct No. 4, which includes the Brody Halls group, and Precinct No. 2, which includes Case and Wonders Halls and Cherry Lane, had voter turnouts of 79 percent.

The total number of registered voters in East Lansing is 28,100. The number who voted in the primary is 19,323.

Campus precincts, including one precinct in Meridian Township, have 15,560 registered voters, and 11,207 voted.

Two cited for citizenship

The University's first Distinguished Citizen Awards were presented last week to Stephen S. Nisbet, former member of the Board of Trustees, and philanthropist Charles Stewart Mott.

Mott, the Flint industrialist and founder of the \$400 million philanthropic foundation that bears his name, was honored for his numerous efforts since 1926 on behalf of education in Michigan, especially at the community school level.

Mott made a rare public appearance to receive the award in person. He cited a close relationship between the Mott Foundation and MSU, and said, "I wouldn't have missed this for the world."

"I will be 97 years old in a few days," he noted. "But irrespective of that, while I'm a little handicapped in the matter of physical ability... it hasn't affected my brain one dam bit."

"I still know that 2 and 2 make 4, which is something a lot of people don't understand."

"We (the foundation) are so closely related to MSU, and we appreciate the wonderful job you have done with us and for us. I am thankful not only for the award, but for the cooperation MSU has given to carry on the objectives of our foundation," Mott added.

Nisbet was cited for his more than half-century of service as a teacher, administrator, Michigan Education Association executive, trustee of both Michigan State University and Alma College, and member of the State Board of Education.

In his response, Nisbet said the award comes not because of an "individual effort but because of association with great people."

And he added: "I think sometimes we don't realize the things that people do are the result of what others have done, and none of it is through individual effort alone."

The Distinguished Citizen Awards, presented by President Wharton, were created by the Board of Trustees last fall to honor Michigan citizens for their outstanding service to the people of Michigan in the land grant tradition.

U-Club elects officers

The University Club announced its 1972-73 officers and officials at the organization's annual meeting May 24. They are: John E. Marston, president; James W. Butcher, vice president; James D. Rust, secretary and Clair W. Huntington, treasurer.

Elected as directors - at-large to the Board of Directors were Mabel F. Peterson and Leslie W. Scott, and to the house committee, Doris E. McNitt and Edward J. Zabrusky.

Marston, who is the current vice president, succeeds W. W. Armistead. Butcher also will service for one year before succeeding Marston in 1973. Rust will service at two-year term, and Huntington completes a two-year term as treasurer.

The directors at large and the house committee members all will serve for three years.

The DA: A new degree grows

If a growing number of educators have their way, the doctor of philosophy degree may be replaced as the basic credential for college teachers by the new doctor of arts.

The doctor of arts (D.A.), first conferred by Carnegie-Mellon University in 1969, reflects a graduate emphasis on college level teaching rather than on the research associated with the Ph.D. At last count, 20 universities around the country are offering programs leading to the D.A. and as many as 60 others are considering the possibility of beginning programs.

Paul L. Dressel, director of institutional research at MSU, and Frances H. DeLisle, professor of institutional research, recently authored a monograph for the American College Testing Program - "Blueprint for Change: Doctoral Programs for College Teachers" - in which they outline the need for more doctor of arts programs and suggest models for their implementation.

In advocating the D.A. as a better preparation for college teaching, Dressel and DeLisle count themselves among those academicians who are challenging the traditional notion that deep disciplinary knowledge and demonstrated research competency are the sole qualifications for the classroom instructor.

"We see the college teacher as primarily concerned about the future of individuals and their roles in society," they say, "but he must also deal with the present in helping the individual to form that future."

They continue that "if college teaching is to be regarded - as we believe it should be - as a profession, then the education of a college teacher should include experiences which will develop the necessary insights and competencies."

Present Ph.D. programs, with their heavy emphasis on research, do not necessarily foster these insights and competencies, they contend.

Without questioning the importance of the research function of higher education, the authors point out, "In some respects the teaching task is more difficult."

"It requires acquiring and maintaining a broad base of knowledge and it also requires learning how to interpret this to the student. The researcher can narrow his field of concern and focus his communication on his fellow researchers in this narrow field."

For a number of reasons peculiar to the structure of most existing graduate programs, Dressel and DeLisle oppose simply reforming those programs to include more emphasis on teaching. Instead, they favor the adoption of the new doctor of arts concept.

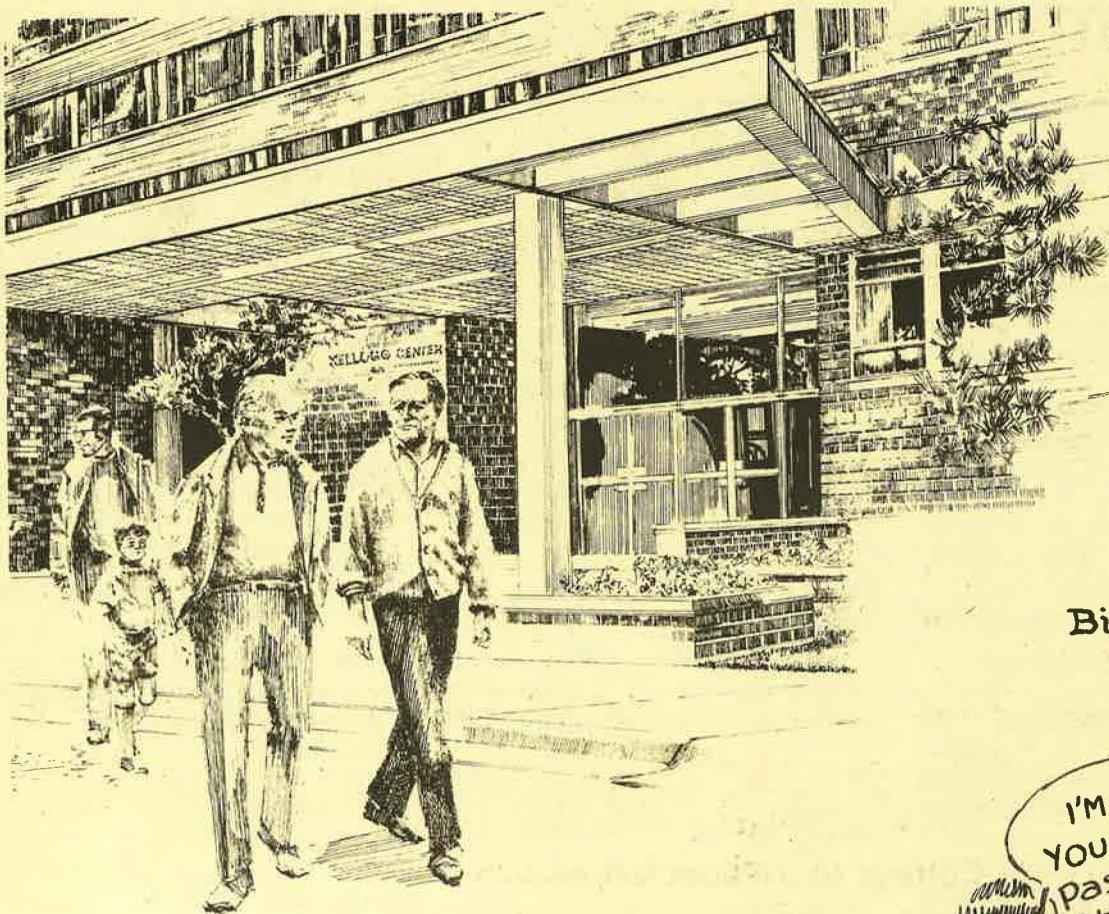
The MSU professors say the D.A. program should combine thorough study of a particular discipline with training in the professional knowledge and skills used by the classroom teacher and a solid background in research and scholarship.

And they say that a classroom internship should be a key element of any D.A. program. It should provide the potential college teacher with competencies in course design, management of learning skills, personal contact with students, self-evaluation and professionalism.

The authors also include in their monograph discussions of organizational problems and patterns, institutional interest and attitudes, and suggested models and program mixes.

—MIKE MORRISON

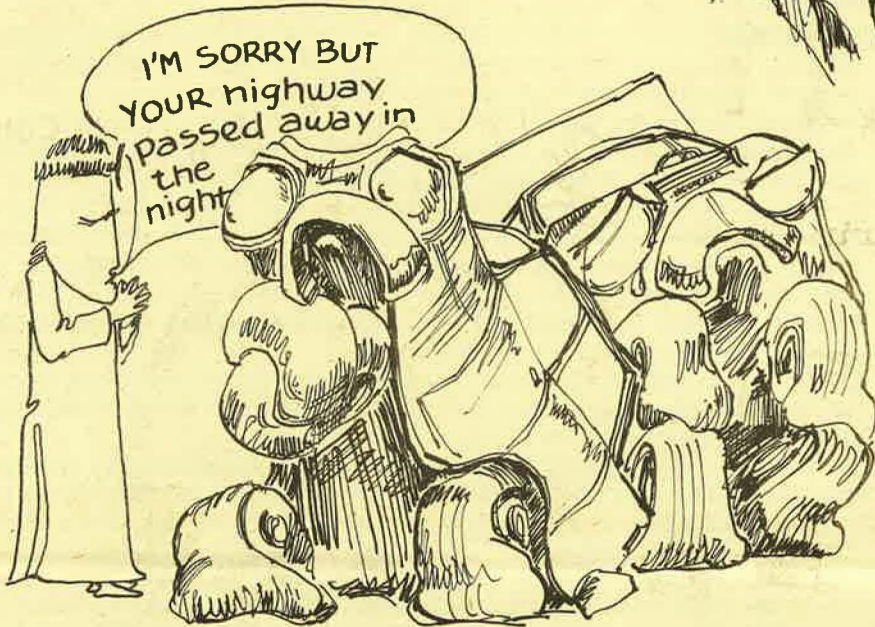
Another year



the first Kellogg Center is 20 years old



Biggie Munn has stroke



Cross-Campus highway hearing held



1st. class in Osteopathic medicine enters



Leslie Scott, the new Vice President for Development



Raises finally approved; retroactive to July 1



Eldon Nonnamaker, Vice President for Student Affairs

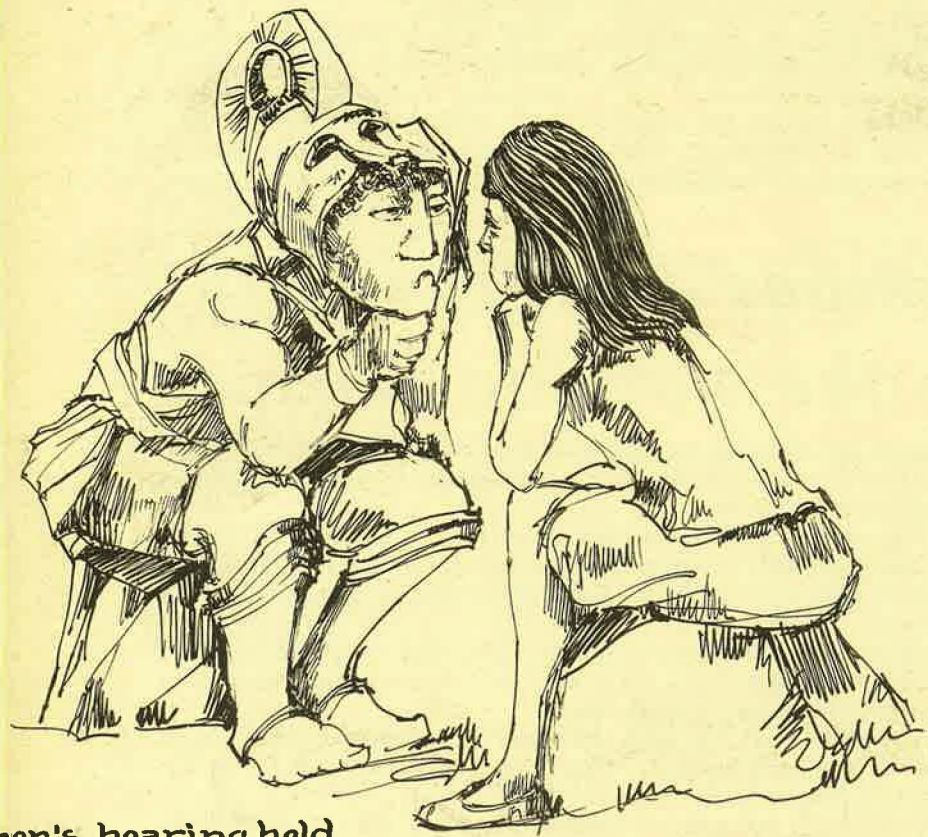


Alan Ver Planck is named a Rhodes Scholar



Admission commission report issued

Year marked by change



men's hearing held



Robert Green is named
Acting Dean of the new
College of Urban Development



Robert Banks,
the new Dean of
James Madison College



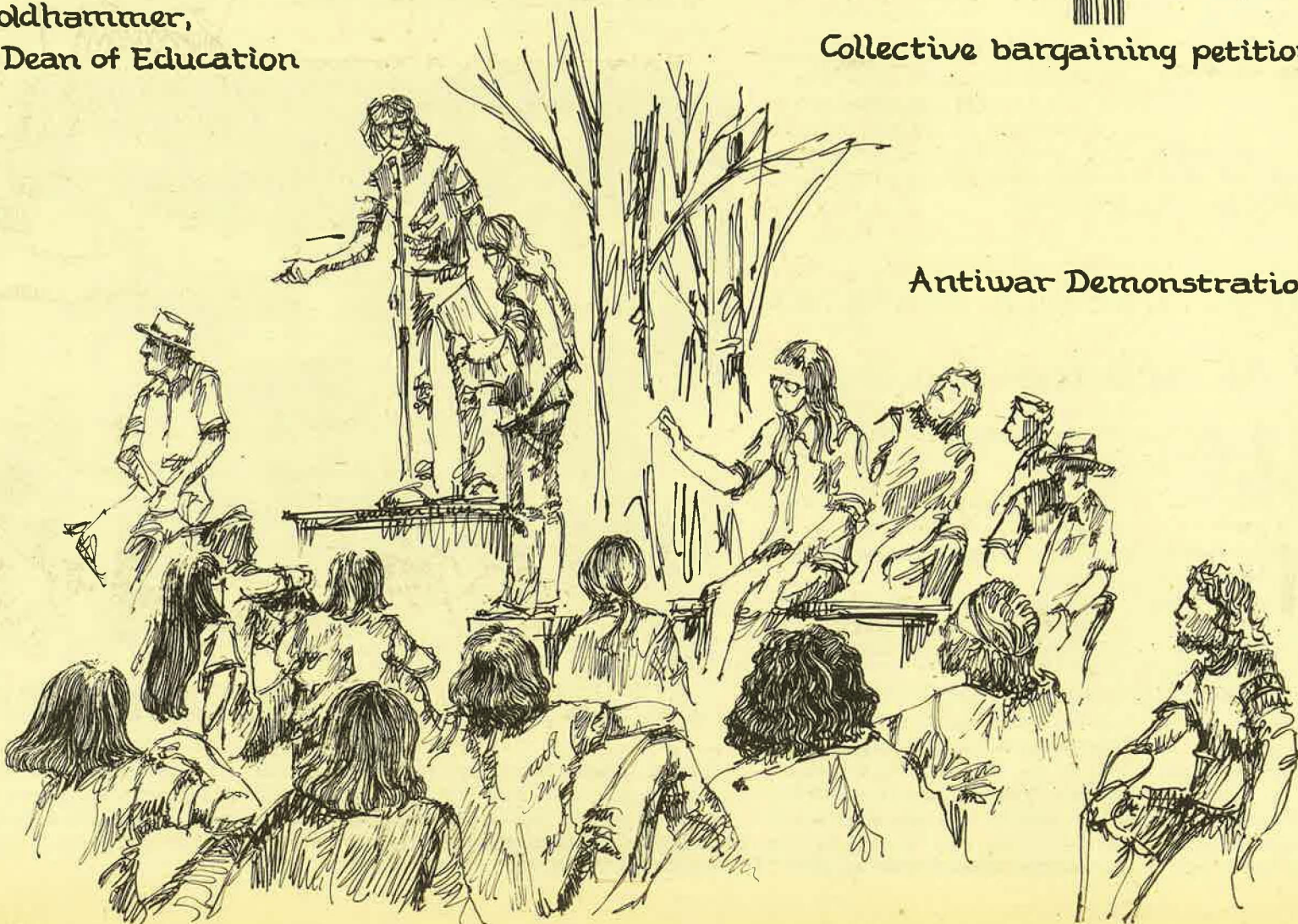
Keith Goldhammer,
the new Dean of Education



Burt Smith is selected
Director of Athletics



Collective bargaining petitions filed



Antiwar Demonstrations

The safety job: Making nothing happen

The more Carl Eigenauer does, the less there is to show for it.

Eigenauer is the University's safety engineer, and his job involves, among other things, spotting and correcting safety hazards on the campus. And that means seeing to it that things don't happen: Installing hand rails on a loading dock to eliminate falls . . . putting a ventilation system in a garage to minimize the chances of exhaust fume inhalation . . . periodically inspecting buildings and equipment to insure against fires, accidents or mechanical failures.

The only problem, as Eigenauer says, is that when you spend money in the name of safety, you don't produce anything — sometimes, in fact, "you can't even prove than an accident was prevented."

But there is ample evidence that efforts in campus safety have paid off. Each year since 1965 MSU has won the top Award of Honor from the National Safety Council.

In 1970 - 71, for example, there were fewer total work-related accidents than the year before, and both the frequency and severity rates of accidents decreased.

Based on Eigenauer's annual report, last year's typical occupational accident — if a composite could be constructed — would be: A laceration or puncture of the finger as a result of work with a machine. Also common were sprains and bruises that employees suffered while working with building fixtures or hand tools.

IN ADDITION TO his role as safety engineer, Eigenauer supervises several aspects of the Office of Safety Services, a division of the Department of Public Safety.

A variety of activities make up safety services: Fire safety, pest control, sanitation, chemical waste disposal, disaster planning and safety equipment maintenance.

Specialists in safety services routinely inspect food service sanitation procedures, waste disposal facilities, and the campus water supply and swimming pool operations. Richard Huckins is the campus sanitarian.

Under Jack Hodge, pest control officer, programs are conducted to control rodents, insects and other pests. Among his duties, Fire Safety Officer Sam Gingrich inspects MSU's some 6,500 fire extinguishers and checks building sprinkler systems, evacuation alarms and breathing masks.

And safety services is also responsible for disposal of chemical and other hazardous wastes; recording and

reporting of all campus accidents, and even maintaining MSU's parking meters.

Faculty and staff in the Department of Chemistry have worked with safety services to develop one of the best internal safety programs on the campus, Eigenauer says. And he adds that Olin Health Center also has an exemplary safety plan.

EDUCATION IS THE KEY to occupational safety, Eigenauer emphasizes. Part of that role is handled by several different campus safety committees that operate with his advice and counsel. Among them is a group in physical plant, and a committee of representatives from management and 1585 of AFSCME.

Eigenauer provides safety articles for *Serving State*, a publication for dormitories and food services personnel, and for a newsletter in physical plant. And he makes himself available to any group or department that wants safety information.

"Although we have plenty of work to keep us busy," he says, "we are anxious to help any campus resident solve safety problems, and to educate employees and students in safe procedures."

"No one ever gains much from an accident."

There is an ever-growing list of federal and state regulations relating to occupational safety. Eigenauer points out that they apply to such things as the care and use of abrasive wheels and specifications for ladders.

Checks set for June 9

The Payroll Division has announced that checks for graduate assistants and fellowship holders — normally issued and distributed on June 15 — will be sent to departments next Friday morning (June 9), the last day of final exams.

The payroll date has been advanced for students with checks due on June 15 but who are leaving after commencement on Sunday, June 11. The Payroll Division will be unable to expedite requests for issuance of checks before June 9.

But regulations also specify safety standards in academic situations, he adds, particularly in laboratories, physical education, industrial arts and in some areas of Kresge Art Center.

"People have a primary job to do," Eigenauer observes. "But too often that is the only thought on their minds; they

forget to take a look at safety considerations."

With study in electrical engineering at Michigan Tech and a degree in psychology from MSU, Eigenauer served as a safety specialist for several companies before joining the University staff.

Campus plan is ready for the tornado season

The people who design the University's disaster plans hope they'll never have to be used, but it's a good bet that at least once every year the campus tornado warning system will be tested.

April, May and June are considered tornado months.

So far this spring, MSU has had one tornado warning (on May 15), but that was an unusual situation, explains Safety Engineer Carl Eigenauer, because the area was never under a tornado watch.

A watch, which can be issued only by the U.S. Weather Bureau at Kansas City, Mo., means that conditions exist for possible tornadoes; a warning means that funnel clouds have been sighted in the area.

Since a tornado watch was never issued and because the sky didn't appear especially menacing, says Eigenauer, many persons weren't concerned when the three campus sirens sounded.

But he emphasized that when the sirens are activated, it is a call for everyone to proceed to shelter.

He cites two major problems in a tornado warning:

* Making sure that the warning is communicated. Occasionally, atmospheric conditions or noise inside a building can muffle the sirens. To help insure that the warning is spread, a telephone "fanout" system is used in which University operators call key offices and residence halls when a warning is issued. Residents in married housing are directed to the several primary on-campus shelters, and campus police provide traffic control when residents are moving to those shelters.

* Communicating the "all clear" signal. The same "fanout" system is followed, Eigenauer says, but there has to be reliance on people listening to local radio stations, since sirens are not used to sound the "all clear."

He notes that the best shelter in a tornado is under ground.

If a building has windows, persons should move to the interior, lower portions of that building in a warning. A windowless area is safe unless it is in a room with a large, unsupported roof, such as at Jenison Field House. Most campus buildings are sturdy, Eigenauer says.

He also says that since the chances of being struck by a tornado are slim, opening windows to equalize pressure is not advocated on the campus. Persons in the open or in a vehicle should seek shelter inside a substantial building or in the nearest depression in the ground.

In cases of tornado warnings, campus bus drivers are instructed to park their vehicles and send their passengers (and themselves) into the nearest building.

In severe thunderstorms, people are urged to stay indoors, away from doors or windows, fireplaces, radiators, stoves, metal pipes, sinks and plug-in electrical equipment. The telephone shouldn't be used, except in emergencies, since it could be a conductor.

A short program on severe storms is available through the Department of Public Safety, 355 - 2208.

—GENE RIETFORSS

Symphony Orchestra features premiere of Schurmann work

The U.S. premiere of a major orchestral work by Gerard Schurmann is a highlight of this season's final concert by the MSU Symphony Orchestra at 8:15 tonight in Fairchild Theatre.

The Schurmann work is "Six Studies of Francis Bacon." Sharing the program will be Mahler's "Symphony No. 1 (The Titan)."

Dennis Burk, conductor of the symphony, explained that Schurmann's work is the composer's impressions of the works of Francis Bacon, widely known contemporary painter.

The subjects of Bacon's paintings have become the titles of the sections of Schurmann's work — "Figures in a Landscape," "The Series of Popes," "The Portraits of Isabel Rawsthorne,"

"Scenes of the Crucifixion," "George (Dyer) and the Bicycle," and "Self Portrait."

Burk explained that the work shows extreme intensity just as the paintings of Bacon exhibit brutality and gauntness.

"This is one of the first contemporary works of a major dimension that I have been excited about," he said.

Mahler's "Symphony No. 1" is also a large work and requires additional wind instruments. It was written when Mahler was in his 20s and, Burk said, it exhibits "Viennese charm and youthful naivete coupled with very subtle use of the orchestra even though he has tremendous orchestral power available."



'Biggie's' recovery continues

Clarence "Biggie" Munn, director emeritus of athletics, has been receiving visitors and is keeping up with the University's sports activities during his recovery from a stroke he suffered last October. Here he is at home with his wife, Vera. He is undergoing therapy to improve his speech and to overcome physical paralysis, and recently attended a Spartan baseball game.

EXHIBITIONS

Kresge Art Center

Main Gallery: Works from the permanent collection.

Entrance Gallery, North Gallery (through June 11): Works by the Master of Fine Arts candidates at the conclusion of two years of graduate study. Included will be ceramics, printmaking, painting, graphic design and sculpture.

Hidden Lake Gardens Tipton, Michigan

Five miles of marked hiking trails and more than six miles of paved drive provide access to both native and introduced plants. Open daily 8 a.m. until sundown.

Campus Plantings

Mollis azaleas of varied hue brighten the area north of the cafeteria wing of the International Center.

Beal Garden

Rhododendrons and azaleas in variety are in peak bloom north of the Library and Sleepy Hollow.

Kellogg Center

South Corridor, through June 17: The 10th annual Inmates' Art Exhibition of paintings and sculpture by the inmates of Southern Michigan Prison.

BULLETINS

LAST BULLETIN

The News-Bulletin for next week, June 8, will be the last for spring term. The first issue for summer term will appear June 29. Events and announcements to be included before June 29 should be sent to Patricia Grauer, 109 Agriculture Hall, before noon, Tuesday, June 6.

BOTANICAL CLUB

The Michigan Botanical Club will meet at 7:30 p.m., Tuesday, June 6, in 204 Horticulture. Basil Stergios will present the program, "Aquatic Habitats."

ACADEMIC COUNCIL

The Academic Council meeting originally scheduled for Tuesday, May 30, will be held at 3:15 p.m., Thursday, June 1, in the Con Con Room of the International Center.

LECTURE-CONCERT

There is a limited selection of good seating in the \$18 and \$17 price ranges for the 1972-73 Lecture-Concert subscription season. Top-priced reserved seats for both the University Series (Series "A") and the Lively Arts Series (Series "B") are sold out. Season tickets for the Fairchild Theatre Chamber Music Series and the World Travel Series are still available. Master Charge and BankAmericard are accepted. Contact the Union Ticket Office, 8:15 a.m. — 4:30 p.m., weekdays, 5-3361.

EARLY REGISTRATION

The course sections that students requested in enrolling on the Registration Section Request form will be reserved for them only through Early Registration which will be held in the Men's Intramural Building on June 6, 7, 8 (Tuesday, Wednesday, Thursday). All students who register at Regular Registration on June 19 and 20 must obtain class cards for each course.

ACADEMIC ADVISING

Students planning to attend the 1972 Summer and or Fall term who have not yet updated their "academic progress plan" should see their academic advisers according to arrangements in the colleges and departments. College and departmental mimeographed materials will be available for use by academic advisers in working with advisees during Spring term. The printing of the Fall Term Schedule of Courses and Academic Handbook is delayed until after the final meeting of the Academic Council in June.

FALL ENROLLMENT

In July, the Fall Term Schedule of Courses and Academic Handbook with a blank Registration Section Request form enclosed will be mailed to students enrolled Spring term who plan to return for the 1972 Fall term. (1) Students at that time should refer to their "academic progress plan" developed with their academic advisers, and complete their Registration Section Request form in accordance with that plan. (2) The completed Registration Section Request form should be returned by mail to the Office of the Registrar no later than August 15. (3) The completed Registration Section Request forms will be processed through data processing, and preliminary class lists and tabulations will be prepared and distributed to assistant deans and departmental chairmen, following the procedure of the Winter and Spring terms this year.

FALL REGISTRATION

Students should complete registration and pay fees during the period Monday through Wednesday, September 18-20. The alphabetical Schedule of Registration will be included in the 1972 Fall Schedule of Courses and Academic Handbook.

DAY CARE CENTER

The Married Student Activities Day Care Center in Spartan Village has openings for preschoolers, age 2½-5 years, for summer classes (starts June 19). Call 3-5154 for information.

ADVANCED DEGREES

Spring term advanced degree commencement will be held on Sunday, June 11, 1972 at 10 a.m. in University Auditorium. Tickets for guests will not be needed.

POOL HOURS

The outdoor pool will be open from 11:30 a.m. to 5 p.m., Monday through Friday, June 12-16; and 1 p.m. to 5 p.m., Saturday and Sunday, June 17-18. Students, faculty and staff may bring guests over 13 years of age. The Men's IM indoor pool will be open from 11:30 a.m. to 5 p.m., June 12-16, and 1 to 5 p.m., June 17-18.

GRADES DUE

Final grades for basic courses are due in the Office of the Registrar, 150 Hannah Administration Bldg., at 11 a.m., Monday, June 5. All other final grades are due 36 hours after the examination is given, but not later than 11 a.m., Tuesday, June 13. The Office of the Registrar will make pickups from departmental offices each morning after 9 a.m., and each afternoon after 2 p.m., beginning Thursday, June 8. The final pickup will be made starting at 8 a.m., Tuesday, June 13.

DIPLOMAS

Diplomas for Spring term graduates will be available for pickup as follows: Advanced graduate degrees, beginning June 26 at 150 Hannah Administration Bldg.; Master degrees, beginning July 5 at 150 Hannah Administration Bldg.; and Bachelor degrees, beginning July 17 at 50 Hannah Administration Bldg. Diplomas will be released only to the degree recipients upon presentation of identification. Diplomas not picked up by August 1 will be mailed.

COMMENCEMENT

Spring term baccalaureate commencement will be held at 4 p.m., Sunday, June 11, 1972. If weather permits, the ceremony will be held in Spartan Stadium, where no tickets will be needed. If rainy weather necessitates using Jenison Fieldhouse, seating will be limited to two guests for each candidate. Additional guests without tickets may view the ceremony from the University Auditorium and Bessey Hall via closed-circuit television.

VERBOTONAL SYSTEM

The "Verbotonal System in the Rehabilitation of Speech and Hearing" will be presented by Petar Guberina, director of the Institute of Phonetics, Faculty of Arts, and director of the Center for Rehabilitation of Speech and Hearing, Zagreb, Yugoslavia, at 10 a.m., Wednesday, June 7, in 284 Engineering. The lecture is sponsored by the Department of Audiology and Speech Sciences and the College of Communication Arts.

MEN'S IM HOURS

The Men's Intramural Building will be open from 10 a.m. to 7 p.m., Monday through Friday, June 12-16 and 1 to 5 p.m., Saturday and Sunday, June 17-18 for summer break recreation. Towel, locker, and equipment service will not be available. Reservations for each day may be made by personally signing up at the reservation desk starting at 10 a.m. that day only. Reservations by phone will not be available. The weightlifting room will be open from 3 to 5 p.m., June 12-16.

Thursday, June 1, 1972

- 7:30 p.m. Village Plays of India—An experimental production, the village plays of India, presented outdoors by the MSU Department of Theatre, will include authentic costuming, lighting, and rituals. Participants will sit on the ground and will sample foodstuffs before the performance. It is believed that this is the first time Indian village plays have been staged in the western world. Between the Red Cedar River and the International Center; in case of rain, in Arena Theatre.
- 8:15 p.m. Concert—The MSU Symphony Orchestra will present the U.S. premiere of "Six Studies by Francis Bacon" by Gerard Shurmann. Also on the program is Mahler's "Symphony No. 1 (The Titan)." There is no charge for admission. Fairchild Theatre.

Friday, June 2, 1972

- 7:30 p.m. Village Plays of Indian (see June 1). Between the Red Cedar River and International Center; in case of rain, in Arena Theatre.
- 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.
- 8 p.m. Folk concert—Folk, bluegrass, rock and ragtime will be featured with some of the best in local talent. Admission is \$1. McDonel Kiva.
- 8:15 p.m. Graduate recital—Truby Clayton, tenor, will perform. Music Auditorium.
- 10 p.m. "The Last Question" (see above). Abrams Planetarium.

Saturday, June 3, 1972

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

- 7:30 p.m. Village Plays of India (see June 1). Between the Red Cedar River and International Center, in case of rain, in Arena Theatre.
- 8 p.m. "The Last Question" (see June 2). Abrams Planetarium.
- 10 p.m. "The Last Question" (see June 2). Abrams Planetarium.

Sunday, June 4, 1972

- 4 p.m. "The Last Question" (see June 2). Abrams Planetarium.

Tuesday, June 6, 1972

- 12 p.m. University Club luncheon—Gerald Faverman of the College of Osteopathic Medicine will speak.
- 8 p.m. International folkdancing—Instruction is followed by dancing from 9 to 10:30 p.m. St. John Student Parish, 327 M.A.C.

Friday, June 9, 1972

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

Saturday, June 10, 1972

- 2:30 p.m. "The Last Question" (see June 2). Abrams Planetarium.
- 8 p.m. "The Last Question" (see June 2). Abrams Planetarium.
- 8 p.m. College of Veterinary Medicine Commencement Convocation. Kellogg Auditorium.
- 10 p.m. "The Last Question" (see June 2). Abrams Planetarium.

CONFERENCES

- June 1 Legal Problems in an Urban Environment
- June 2-3 Michigan Society of Orthodontists
- June 4-6 Purchasing Management Seminar NAPM
- June 4-6 Spring Mental Health Meeting
- June 6-7 Effective Dietary Management

- June 6-15 Basic Fire & Casualty Insurance Institute

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.

SEMINARS

THURSDAY, JUNE 1, 1972

- Unemployment as a world problem—the damage of inappropriate technologies in various sectors; channels of transfer (Private investment, aid, education, etc.). **Dudley Seers**, Institute of Development Studies, U. of Sussex, 3 p.m., 301 Agriculture (Agricultural Economics).
- Pasteurization vs. sterilization. **Peter Little**, 4:10 p.m., 110 Anthony (Food Science & Human Nutrition).
- Some physico-chemical aspects of unsalted and salted cheese. **Mani K. Thakur**, 4:10 p.m., 110 Anthony (Food Science & Human Nutrition).
- Relationship between algebra and topology. **Richard O. Hill**, 4:10 p.m., 304A Wells (Mathematics).
- Differential effects of chlorpromazine and its free radical on membrane phenomena. **Cheng-Yi Lee**, 4 p.m., 449B Life Sciences (Pharmacology).

- Pre-equilibrium model of nuclear reactions. **M. Blann**, U. of Rochester, 8 p.m., Cyclotron Seminar Rm. (Physics).

FRIDAY, JUNE 2, 1972

- Unemployment as a world problem—implications for transforming policies and theories in the development field. **Dudley Seers**, Institute of Development Studies, U. of Sussex, 3 p.m., 301 Agriculture (Agricultural Economics).
- On the molecular characterization of the sodium-potassium adenosinetriphosphatase. **Lowell Hokin**, U. of Wisconsin, 4:10 p.m., 101 Biochemistry (Biochemistry).
- An analysis of cellular adhesion and surface membranes in a small amoeba. **Richard L. Hoover**, 3 p.m., 204 Natural Science (Zoology).

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.