Governor starts budget on its way

Gov. William G. Milliken's recent recommendation to the Legislature of $533.8 million for state institutions of higher learning for 1972-73 represents an increase of $41.9 million over fiscal year 1971-72. Under the recommendation, MSU would receive $84,943,000, an $8,855,000 increase from last year.

In the total higher education budget, $24.6 million is being requested, a 6.5 percent increase, in the salary and fringe benefit level for all colleges and universities. The Bureau of Programs and Budget in the governor's office feels that the salary recommendation is consistent with nationally established guidelines and the State Civil Service Commission recommendation for state agencies of a 5 percent average base salary increase plus fringe benefit, step increase and retirement costs.

The Bureau adds that in the 1972-73 fiscal year, the state colleges and universities will be faced with increased social security and health insurance costs plus, for the first time, unemployment compensation costs as the result of recent federal and state legislation.

The Bureau of Programs and Budget projects a total enrollment in state institutions of higher education for 1972-73 of 205,759 equated students (FYSES). This compares with 203,068 FYSES appropriated for 1971-72. The recommendations reflect the state's policy of stressing growth at developing institutions and emphasizing unique program strengths at the larger colleges and universities within existing enrollment levels.

The new student: A closer look

MSU first-time students tend to be more liberal, more self-confident and higher ranked academically than their national counterparts, according to an American Council on Education report.

The ACE survey of entering freshmen and transfer students at 326 colleges and universities actually covered only 4,766 (or 66 percent) of MSU's first-time freshmen. Registrar Horace King explains that the data were collected from students who volunteered spare time during their summer orientation program.

The survey includes areas of high school and personal background, college plans, and beliefs, attitudes and goals, for both first-time freshmen and transfer students (1,396 transfers to MSU completed the survey).

(continued on page 4)
Women's data needed

To the Editor:

Two years ago a group of members of the American Statistical Association formed the Caucus on Women, in order to redress the situation concerning problems of the status of women in statistical professions and in graduate study. Since we have been unable to obtain recognition as an official Section of the Association, we are attempting to define alternative organizational definitions for our group within our professional field. We have no official publication, newsletter, or organization, except for information about ourselves which have formed within other professional organizations to work specifically on problems related to the status of women in their fields. I would appreciate it if anyone familiar with the organization of such groups would get in touch with me or would send me the name of a member (here or elsewhere) who could provide information.

In addition, I would like to have references to, or copies of, new items, announcements, statements of objectives, etc., that have appeared in publications of professional organizations or have been issued by the groups themselves. (P.O. Box 353-3994)

Rita Zemach, Assistant professor, Electrical Engineering and systems science

Nominations open for teacher awards

Nominating forms for the Teacher-Scholar and Excellence in Teaching Awards are now in the hands of department chairs. The deadline for submission is March 3 for nominating junior faculty (instructor or assistant professor) for the Teacher-Scholar award for graduate assistants for the Excellence in Teaching Award.

Candidates must be nominated by both students and faculty. There is no limit on number of nominations per department, though departments are urged to screen nominations and try to submit no more than three to the selection committee. That committee will select the final six winners in each category, who will be announced at a spring term convocation.

The two awards are a result of recommendations made at the 1968 Report of the Committee on Undergraduate Education. The first awards were made in 1969. They are designed to provide recognition to the importance of teaching and individuals who demonstrate outstanding ability in relating to students and teaching, and to provide balance in the relationship between public service and scholarly achievements and the less visible teaching function.

Members of the selection committee are Gary Frost, assistant professor in James Madison; Robert Hammer, associate professor of chemistry; Arthur Vener, professor of social science; Donald Weinshank, assistant professor of natural science; and students Robert Jenners, heading the law school, natural science, Edward Ice, communication arts, and James Covert, education.

THE DISTINGUISHED FACULTY AWARDS this year for the first time are not being selected by a central all-University committee. The Academic Council voted last fall to have the awards determined at the college level on a rotating basis, according to faculty size. Colleges selecting winners this year are agriculture and natural resources, arts and letters, natural science, social science, University College, education, business, human medicine, the residential colleges (as a group), and the Cooperative Extension Service and the Library. The latter two are, for purposes of the awards, to be considered as colleagues.

Deans have been notified that award winners are to be named by the end of winter term, and these will also be announced at the next convocation. That ceremony, to be coordinated by the steering committee and the provost's office, is tentatively scheduled for 8 p.m. May 23 in 109 Anthony Hall.

Further information on the Teacher-Scholar and Excellence in Teaching Awards, is available in the office of the assistant provost for undergraduate education, 533 - 5380.

Science notes

Deciding about the world environment

Nations of the world will get together June 5 - 16 to decide what they can do together — about the world environment. Program toward the United Nations 1972 Conference on the Human Environment was described here last week by Donald King, scientific adviser for the U.S. international programs in environmental quality in the U.S. Bureau of Science and Technology.

The U.S. was asked, as were other member countries, King said, for ideas for the U.N. environmental conference to Stockholm, Sweden. "We said we ought to know what is going on around the world at the very least," King said. "Surely we can develop some kind of world monitoring system for such a question. And certainly we are interested in the ocean states and the atmosphere so that we'll have some idea of whether things are getting worse or better."

John Nellor, associate vice president of the office of research development here, is a member of the U.S. advisory committee of the United Nations Environmental Commission which advises on what should happen at the conference. "Conservation groups, universities, industrial groups, and other interested groups are being asked to make suggestions, and that's something we are doing."

Graduate music works to be premiered Friday

Graduate students in music theory and composition will present their original works at the seventh annual "Premieres of New Music" Friday (Feb. 11).

The program is sponsored by the music department and will be at 8:15 p.m. in the Erickson Kiva. Works presented on past programs have varied from solo instrumental compositions to works in multimedia and experimental music.

Michael Zinn, whose Quartet for Six Instruments will appear on the program, said the program is designed to present new music to MMO audiences and to give composers a chance to have the work performed and get audience feedback.

Zinn says the seven works which will be performed are "trying to say something musically that hasn't been said before."

Compositions featured on the program will use woodwinds, percussion, piano, harp, trombone, soprano and contraalto voices, one violin and two cellos. Also used in some compositions will be automobile brake drums, and unlined pot and pan covers. H. Owen Reed, head of the composition, characterized the program as consisting of "more experimental works for small ensembles. Composers in general, Reed said, are working in more experimental, less tonal directions, more freeform, in totally measured notation. There is also more exploration of new instruments, and more experimentation with the more traditional instruments."

DARIA SCHLEGA

Views asked on urban college

Persons wishing to comment on the proposed College of Urban Development and Social Change should do so by Feb. 15, according to Lester Manderscheid, professor of agricultural economics and chairman of the University Educational Policies Committee (EPC). The college has been asked by the provost to study the proposal in its advisory capacity to him, Manderscheid said. The committee's recommendations regarding the implications of such a new college are aimed to help the administration in forming its proposal to the Board of Trustees, he said.

The committee hopes to develop a draft report to the provost by March 2. Input from faculty and students will be made through Manderscheid or through their college representatives. Copies of the proposal will also be available through the representatives. Manderscheid said.

Botanist W. J. Beal recalled

To the Editor:

I enjoy the MSU News - Bulletin very much. In a recent issue (Jan. 20), I was very much interested in the story on ways to teach. I was particularly interested in the picture of my old Quaker teacher, William J. Beal. I had him for most of my freshman year. That was in 1899. The chartings hanging on the wall, if not the same, were much like those hanging there in that year. He was a most interesting man. "Keep a squinting" was one of his favorite admissions to students.

How he disliked athletics. In my class was a guy who, while playing varsity basketball as a freshman, in doing so was off campus a lot. He failed his winter botany course. I can well remember Beal calling him up front and giving his class book. There were so many absences, and Beal knew where he had been.

Then in 1910 came (Ernst A.) Bessey. He was a change. His slight lisp in his voice was so different from Beal. I learned to know Bessey very well. When I went to Fremont to teach the fall of 1913, both Beasy and Keizie were helping hands more than sometime. You might write a story about these two fellows.

Krats K. Vining
Grand Rapids

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Feb. 25 set for hearing

An open hearing on the status of women at MSU will be held by the Board of Trustees beginning at 2 p.m. (February 25).

President Wharton said the hearing will be held at Kellogg Center, following the regular February meeting of the Board Friday morning.

The hearing was proposed to the trustees at their January meeting. They agreed that women affiliated with the University – such as faculty, staff, students or wives – should have an opportunity to informally present their concerns and ideas in an open forum.

Wharton, who will preside at the hearing, said prospective speakers should telephone their names to the office of Robert Perrin, vice president for University relations, who will prepare the schedule.

Priority on the schedule will be given to those speakers who represent organizations (such as faculty, staff, etc.), with individual speakers following. Others attending the hearing who wish to ask questions will have an opportunity to do so after the scheduled appearances are completed. Wharton urged that where possible, speakers prepare written statements of their oral testimony so that board members and the entire campus will have a better opportunity to consider proposed opinions.

Speakers wishing a place on the prepared schedule may contact Perrin's office at 474 Administration Bldg., or by telephone, 355-6572.

The deadline is still Feb. 15. for women interested in serving on a steering committee to discuss organization of an advisory commission on the status of women at the University. Women interested in serving should contact Olga Dominguez in the Office of Equal Opportunity Programs.

A teacher says 'au revoir'

After six years as a French instructor, Roland de Mars is bidding "au revoir" to both the University and teaching this June.

He published and announced his decision to retire in simultaneous letters to the State News (Jan. 25) and to his department colleagues. He said his major reasons for quitting concern educational philosophy, money, and the "chaotic and joyless state" of his department.

De Mars said his decision is not "a question of sour grapes, but an expression of genuine concern."

He said he is not interested in finding a position at another university because he contends the situation would not be much different elsewhere.

"I’ve wanted to quit for the past two years," he said. "I love teaching but I think the university as it’s now constituted is a detriment to education, a dead end. It’s a factory that produces teachers and technicians but has very little to do with the mind. The options to structured education – reading, traveling, meeting different people – are beautiful."
Freshmen and transfers are being nationally, and more MSU freshmen students receive scholarships, grants or loans.

Men have a higher tendency to see college as a way to earn more money, prepare for graduate work or get a better job than women. Women's motivations are stronger in areas such as learning about their interests, meeting people becoming more cultural and contributing to their community. Compared to freshmen, transfer students are also more personally than materially motivated.

More MSU students selected their college on the basis of the school's reputation or special programs than their national counterparts. And fewer MSU students chose their school on the basis of low tuition or because they wanted to live at home.

**Goals**

Goals of men fall primarily into professional areas — such as success in business, becoming an authority in their fields, earning more money, being administratively responsible — than women. They women are more socially inclined and tend toward goals of having friends different from themselves, helping people, raising families and involving themselves in the field of art. And yet.

...but they reject violence.

Entering students here may be decidedly liberal in their political views, but few of them fit the mold of "the radical who is willing to join any cause." As a group, they "emotionally reject the most extreme position," and they disagree of violence and illegal means of making societal change. And a significant portion (about 45 percent) agree that federal antitrust legislation is overdue.

This is the conclusion of the Office of Evaluation Services' own study of fall's new freshmen and new transfer students. The study involved 89 percent of the some 7,000 new freshmen and 90 percent of the 2,900 transfer students, and it expanded on the data gathered for MSU's report to the American Council on Education.

In a report on the data, Arvo Juola, professor of evaluation services, says that while the new freshmen and transfer students include small minorities "who take extreme positions on every issue," the majority seem to support "orderly change when change is proposed."

College plans

A majority of the all students express concern over financing college, and MSU students express somewhat higher concern that those at the national level. More MSU students plan to work to help finance their education than is reflected in a report, detailing student views on societal and political issues, is the first in a series that profile this year's entering freshmen and transfer students.

* * *

**BOTH FRESHMEN** and transfers strongly support the idea that professors should be allowed to have diverse political beliefs, but they acknowledge that "certain limitations" on freedom of speech are necessary (46 percent agree, 30 percent disagree with the latter statement).

The two groups tend to identify more strongly with (or have most sympathy toward) ecology groups, according to the Juola report. Next in line are the peace movement and consumer protection groups.

Some support (in the 30 percent range) was reported for liberal political groups, the black student movement and anticommmunist groups. Both freshmen and transfers reported little sympathy (20 percent or less) for women's feminism, student activists, or world government and conservative political groups.

In one section of the study, students were asked to indicate their familiarity with and support for a list of 20 noted persons. Two widely diverging names were "well known and very popular." Ralph Nader and Bob Hope. Rated "well known and holding strongly" by many: "are Jane Fonda and Billy Graham.

Lesser known but "very popular" are Coretta King, James Taylor, Julian Bond, Aretha Franklin, and James Meredith.

Well - known but generally unsupported are G. Gordon Liddy, Mohammed Ali and Angela Davis. Less-known but also unpopular are Eldridge

### High school background

Although fewer MSU students had high school grades in the A range, more were ranked at the top of their classes than those at the national level in this survey. Women ranked higher than men academically both among freshmen and transfer students.

All students rate themselves higher for academic ability (see later chart), than are reflected by their high schools and grades and rankings, though they rate themselves lower in intellectual self-confidence.

According to the chart below indicates that nearly one-fifth of all students held student office in high school, only about 1 percent intend to be elected to a student office in college.

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**Personal background**

As the chart below indicates, parents of MSU students tend to have higher educational backgrounds than their national counterparts. Parents of both their freshmen and transfer students at MSU are in somewhat higher income brackets than their national counterparts.

MSU students generally stay closer to home when going to college than those at the national level, and they show a higher tendency toward change in religious preferences than those at the national level. Women, according to the data, are more likely than those at the national level in this survey. Students ranked positions were in the top half of their classes. King's figures also indicate that of those, 88.4 percent were in the top quartile, 11.3 percent in the second quartile, and only .3 percent in the third and fourth quartiles.

<table>
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<th>Freshmen</th>
<th>Transfer</th>
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<th>Freshmen</th>
<th>Transfer</th>
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right, liberal, self-confident

According to a later chart, women rate themselves higher than men in their "drive to achieve."

And more than one-fifth of all students want "never to be obligated to people."

Beliefs

MSU students tend to be more liberal in their beliefs (on broad issues) than students at the other 325 institutions, except on legalization of marijuana. Women tend to be more liberal than men in the areas of abolishing grades, women's equality, population control and college opportunity for all. Women tend to be more conservative than men on legalization of marijuana and rights for criminals, and more liberal on women's rights. Women also tend to be more optimistic about their ability to change society. And transfer students tend to be more liberal down the line than freshmen.

This follows closely their political preferences — more students place themselves left of center than either middle of the road or to the right.

On college issues, students felt most strongly that the college should not regulate students off campus, that the benefit of college is monetary, that the college does not have a right to ban speakers, that students help evaluate faculty, that students at the other 325 institutions, except on legalization of marijuana, should be administratively responsible. The students also feel strongly that women should get job equality and be elected to an honor society.

MSU students rate themselves higher than their national counterparts in all areas except sensitivity to criticism, stubbornness and political conservatism. They come across as a relatively confident group — rating themselves high in academic ability (particularly MSU male freshmen), mathematical ability, leadership ability, intellectual self-confidence, drive to achieve, understanding of others and cheerfulness. But they rate themselves relatively low in area of athletic, artistic and mechanical ability, self-confidence and popularity.

The women, again, rate themselves higher than men in more personal areas, such as cheerfulness, stubbornness and understanding.

illegal means of change

Clearer, William Buckley Jr. and George Meany.

In his conclusion, Juola notes very little difference between freshmen and transfer students. The similarity of the data suggests that "political and societal views of students are not primarily a product of the college campus," he said.

"Students apparently enter college with the general views already established."

A RELATED REPORT — on the academic proficiency of new freshmen last fall — shows that the tested abilities of the 1971 freshmen "are detectably lower than freshmen in 1970."

A major reason for this, says Juola, is that factors other than test scores are given close consideration as MSU moves to extend its educational opportunities to minority and disadvantaged students.

But he emphasizes that "while the differences in tested abilities are detectable from 1970 to 1971, the magnitude of difference is much too small, and the major shifts in the composition of the freshman classes of the past two years."

— GENE RIETFORS

Expectations

For the most part, the surveyed students expect success — and again, MSU students expect more than their national counterparts. Fewer MSU students expect to fail a course, but fewer expect to enroll in honors courses and more MSU students than the national level expect to need extra time to graduate. More MSU students expect to graduate with honors (and even more expect to get a "B" average). Generally though, few students expect academic honors, even though they rate themselves high academically.

And fewer MSU students expect to join a social fraternity or sorority than their national counterparts.
Where all the questions come

What's the world's record for staying in the shower? What time is the carillon to ring it? Williams said that students also raise queries like: "Who's the yolk or white of an egg produces the chicken - such are services that have not..." and "Do you have a list of books you don't have?"

- PATRICIA GRAUER

Bargaining report is ready to go

The report of the ad hoc committee on collective bargaining is being distributed this week to all faculty members currently listed with the Academic Senate. Nonfaculty members, such as librarians, who wish to receive the report may obtain it from Herbert Jackson, professor of religion, and chairman of the ad hoc committee.

The ad hoc committee was established more than nine months ago by the Elected Faculty Council. Since then the committee of five has gathered material, attended conferences and interviewed people on collective bargaining in higher education.

Although authorized to do so, the committee did not recommend how the MSU faculty should go on the question of unionization; their report is instead provided for the information of the faculty.

No recommendation was made, Jackson said, because there was no agreement within the committee - on whether to make a recommendation, or on what the recommendation would be.

The committee considered presenting their report to the Elected Faculty Council before distributing it to faculty, but rejected that idea because of the importance in timing, Jackson said.

Two factors are important here. One is the increased effort the Michigan Education Association and the MSU/Faculty Associates are making on campus this week to increase the number of authorization cards they have received from 23 per cent to the required 30 per cent to petition for an election.

The second factor is the recent Michigan Employment Relations Commission decision to authorize elections at Wayne State and Eastern Michigan Universities. That act alone has already made the committee's report outdated, since there are references to the WSU and EMU provisions in the report.

The report is in nine parts. The first chapter, written by Jackson, in a general overview of unionization in higher education. The other eight parts tend to relate the concept more to the MSU situation, Jackson said.

There are chapters on bargaining models for faculties; constituting bargaining unit; election procedures; impact of bargaining on compensation and work overload; relationship to academic governance; grievance and job security; the position of potential bargaining agents; and a chart of current status of collective bargaining in four-year colleges and universities.

Committee members are: Jackson; Lorna Bieber, associate professor of biochemistry; Jacqueline Brophy, associate professor of labor and industrial relations; Donald Come, professor of social science; and William Hinze, former professor of geology now at Purdue.

Governor's budget proposal outlined

(Concluded from page 1)

This YEAR, THE governor is recommending an increase of $3,770,000 for financial aid to disadvantaged students, based on a general objective to expand opportunity to persons who have not previously had access to post-secondary education because of economic, social or other limitations.

The governor's office has indicated that in recent years all institutions of higher learning in Michigan have demonstrated concern in this area. His recommendation recognizes this concern and augments such efforts to the extent of three - fourths of one percent of each institution's 1971-72 gross general fund budget. The governor has expressed his intention that the increased funds be primarily set aside for financial aid to necessary supplementary academic and counseling programs.

Included in the governor's recommendation for higher education is $3,7 million for expansion of medical programs. This continues the policy of the last five years of committing significant annual increases for Michigan's four medical schools and one college of dentistry. The Bureau of Programs and Budget estimates MSU enrollment to increase by 259 FYES over this year's allocated level, fee revenue is estimated to increase by only $5,000, since there is a decrease in out-of-state students is projected. In conformance with executive and legislative policy, fee-out of-state fee income is increased by $765,000.

The governor's recommendation to increase expansion of medical programs at MSU is a continuation of the long-range development of both the College of Human Medicine and the College of Osteopathic Medicine. The recommended increase for the College of Human Medicine is $994,000, of which $500,000 is for the expansion in total medical students resulting from past enlargements of entering classes and $494,000 for community outreach. These outreach programs will provide coordination and administration of clinical teaching for 120 medical students in hospitals in Grand Rapids, Flint and Saginaw. Additional programs are also planned for Detroit and Kalamazoo. The recommended increase for the College of Osteopathic Medicine is $200,000 to fund the fourth class to enter the College. The class will have 48 students, an increase of 12 students from 1971-72.

Following the governor's recommendations to the Legislature will be several months of study and hearings by the appropriations committees of both the Senate and House. Staff specialists in the fiscal agencies of both houses will play an important role in the analysis of higher education needs and the eventual appropriation.

M. BORN

Council meet set for Feb. 22

The Academic Council will reconvene Tuesday, Feb. 13, at 3:15 p.m. in the Com Con Room of the Center for International Programs to continue discussion of propsed general education modifications.

The next regularly scheduled meeting of the Council will be March 7.

The Elected Faculty Council will meet March 14 in the International Center to consider how people may participate in the theorectical procedure proposal (News-Bulletin Feb. 3). Any questions concerning the report of the ad hoc committee on collective bargaining may also be considered at that time, according to EFC member Herbert Jackson, professor of religious and chairman of that committee.

By MIKE BORN
BULLETINS

RETIRED CLUB
The Retirees Club will meet for lunch in the Union Grill at noon, Monday, Feb. 14. At 1 p.m., Harold Weaver, tax accountant, will discuss income tax matters in the Club Room.

RYDER SCHOLARSHIP
Applications for the Georgia and Edward Ryder scholarship for undergraduate study abroad are now being accepted by Paul Varg of the Department of History. The award carries a value of approximately $400. For information call 5-3417.

ABELESKIVERs!
The Faculty Women's Association annual Aebleskiver Luncheon will be held from 11 a.m. to 2 p.m., Saturday, Feb. 12, at All Saints Episcopal Church, 800 Abbott. Tickets are available at the door or from members. Proceeds provide scholarships for women students at MSU.

EXHIBITIONS
Kresge Art Center
Main Gallery: Works from the permanent collection.

CONFERENCES
Feb. 13-18 Industrial Ventilation
Feb. 14-18 Basic Life & Health Insurance Institute
Feb. 17 Seminar for Large Animal Practitioners—Mastitis, Vet. Clinic

SEMINARS
FRIDAY, FEBRUARY 11, 1972
Studies on the turnover of protein glycoprotein and gangliosides in brains of chicks fed toxic levels of D-calcitose. James Blosser, 10 a.m., 11 Biochemistry (Biochemistry).

MONDAY, FEBRUARY 14, 1972
Role of cell membranes in the freezing of living cells. Peter Mazur, Oak Ridge National Laboratory, 4:10 p.m., 101 Biochemistry (AEC Plant Research Lab).

State Iowa research in unemployment in Latin America. Erik Thorbecke, Iowa State U., 1 p.m., 309 Agriculture (Agricultural Economics).

Simple systems and complex functions. William Cornings, U. of Waterloo, Canada, 4 p.m., 136 Chemistry (Biophysics).


National pesticides problems—the Washington scene. George Hutton, Former Chairman, Pesticides Working Group, Council on Environmental Quality, 4 p.m., 244 Natural Science (Entomology).

The authentic involvement approach to science teaching: innovate or perish. Dr. Lee Harrisberger, U. of Texas, 4:10 p.m., 118 Physics—Astronomy (Physics).

Seminars on hemodynamic effects of acute electrolyte changes produced by hemodialysis. Walter H. Hoppes, 4 p.m., 216 Giltzer (Physiology).

TUESDAY, FEBRUARY 15, 1972
Repair of ultraviolet light-induced damage to DNA of Neoplasma corn. T.E. Worthy, Oak Ridge National Laboratory, 10:30 a.m., 106 Plant Biology (AEC Plant Research Lab & Genetics Group).

Modern methods for determination of organic functional groups. Sidney Siggis, U. of Massachusetts, 4 p.m., 136 Chemistry (Chemistry).

Production of enterotoxin by Staphylococcus aureus grown in association with selected lactic acid bacteria. Bill Haisen, 4:10 p.m., 110 Anthony (Food Science & Human Nutrition).

Glucose tolerance in obese rats. Doris Hu, 12:30 p.m., 102 Human Ecology (Food Science & Human Nutrition).

Physiological and genetic basis for herbicide tolerance (methylester of chloroanilines) in Cucumis sativus. C. Miller, 4 p.m., 206 Horticulture (Horticulture).

Why congruence? Fritz Herzen, 4 p.m., 304A Wells (Mathematics).

Immunity to Chagas’ disease. William Hanson, U. of Georgia, 4:10 p.m., 146 Giltzer (Microbiology & Public Health).

Mystification and drug misuse: hazards in the use of legal and illegal drugs. Henry L. Leonard, U. of California, San Francisco, 10:30 a.m., 205B Life Sciences (Psychiatry).


WEDNESDAY, FEBRUARY 16, 1972

High precision gas chromatography. B. Rogers, Purdue U., 3 p.m., 136 Chemistry (Chemistry).

Teaching and learning the “Art of veterinary Medicine.” Sam Getty, 8 a.m., 149 Veterinary Clinic (Large Animal Surgery & Medicine).

Minority sensitivity training for foremen. Harry Hall and Frank Ferguson, Michigan Chamber of Commerce, 3 p.m., 116 Eppley Center (Management and School of Labor & Industrial Relations).

THURSDAY, FEBRUARY 17, 1972
Health care evaluation. Sidney Katz, 3:30 p.m., 213 Agriculture (Agricultural Economics).


Structure of bacterial cell walls. Mary Jane Osborne, 4 p.m., 101 Biochemistry (Biochemistry).

High pressure chromatography. L.B. Rogers, Purdue U., 3 p.m., 136 Chemistry (Chemistry).

Growth response of green sunfish to sublethal concentrations of ammonia and cadmium. David Jude, 1:30 p.m., 221 Natural Resources (Fisheries and Wildlife).

Non-Euclidean versions of a line problem and a circle problem. J. Wilker, U. of Toronto, 4:10 p.m., 304A Wells (Mathematics).

Aldosterone, aldosterone release and aldosterone escape. D. Rorvay, 4 p.m., 449B Life Science 1 (Pharmacology).

Dipole transitions from analog and giant resonance states. P. Paul, Stony Brook, New York, 8 p.m., Cyclotron Seminar Room (Physics).

FRIDAY, FEBRUARY 18, 1972

Nutritive value of proteins and amino acids in legumes. J.F. Kelly, Pioneer Research Lab., Campbell Institute for Ag Research, 10:30 a.m., 209 Horticulture (Horticulture).

Developmental immunobiology, cellular engineering and cancer. Robert A. Good, U. of Minnesota Medical School, 1:30 p.m., Erickson Kiva (Microbiology & Public Health).

Estrogen control of masculine behavior in the golden hamster. Donald Paup, 11:30 a.m., 140 Natural Science (Zoology).

For general information about MSU, call 353-8700.
Calendar of Events

Friday, February 11, 1972
7 p.m. Auburn Film Group—"For a Few Dollars More." 108B Wells.
7 p.m. Auburn Film Group—"The Hunchback of Notre Dame." 102 B Wells.
8 p.m. "U.F.O.—Probing the possibility of life existing on other planets, this program portrays stories of mysterious flying saucer encounters. Tickets at door. Abrams Planetarium.
8:15 p.m. Premiers of New Music—MSU graduate students in composition will premiere some of their latest works. Erickson Kiva.
8:35 p.m. Auburn Film Group—"Crime and Punishment!" 102B Wells.
9:20 p.m. Auburn Film Group—"For a Few Dollars More." 108B Wells.
10 p.m. "U.F.O." (see above). Abrams.
10:15 p.m. Auburn Film Group—"The Hunchback of Notre Dame." 102B Wells.

Saturday, February 12, 1972
10 a.m. Bred Sow and Boar Show. Livestock Pavilion.
1 p.m. Bred Sow and Boar Sale. Livestock Pavilion.
1:30 p.m. Track—Michigan State Relays. Jenison.
2 p.m. Swimming—MSU vs. Ohio State. Men's IM Pool.
2:30 p.m. "U.F.O." (see Feb. 11). Abrams.
7 p.m. Auburn Film Group—"Hunchback of Notre Dame," 102B Wells.
7 p.m. Auburn Film Group—"For a Few Dollars More." 108B Wells.
7:30 p.m. Track—Michigan State Relays. Jenison.
7:30 p.m. Wrestling—MSU vs. Michigan. Men's IM Sports Arena.
8 p.m. "U.F.O." (see Feb. 11). Abrams.
8 p.m. World Travel Series—"Chicago—Believe It or Not!" is the topic of Fred Keifer's presentation. Auditorium.
8:35 p.m. Auburn Film Group—"Crime and Punishment." 102B Wells.
9:20 p.m. Auburn Film Group—"For a Few Dollars More." 108B Wells.
10 p.m. "U.F.O." (see Feb. 11). Abrams.
10:15 p.m. Auburn Film Group—"Hunchback of Notre Dame." 102B Wells.

Sunday, February 13, 1972

BULLETINS

THE IDIOT
The Russian and East European Studies Group will present a film of Dostoevsky's "The Idiot" on Tuesday, Feb. 15, at 7:30 p.m. in 106B Wells Hall.

SKY SCANNING
Many bright stars and planets are visible in the early evening for sky scanning at 8 p.m. Thursday, Feb. 10 at Abrams Planetarium. Star-gazers will learn to identify "Orion and Friends." There is no charge for admission.

ACROPOLIS LECTURE
C.A. Patrides of the U. of York, England, will present illustrated lectures on the Acropolis and its role in Athenian history from ancient times to the modern wars that almost destroyed it. He will speak at 8 p.m., Wednesday and Thursday, Feb. 16 and 17, in Kresge Art Center.

COMM ARTS LECTURE
Walter B. Emery of the Department of Speech at Ohio State University will speak on "Broadcast Censorship in the Communist World" at 7:30 p.m., Thursday, Feb. 17 in 116 Natural Science Bldg. This is the third presentation of the College of Communication Arts Lecture Series.

REVISED CLASS LISTS
Revised class lists, including all the names of students enrolled in each course and section as of Feb. 16, will be delivered to departmental offices on Friday, Feb. 18. The lists should be checked immediately and questions directed to the Office of the Registrar, 3-0731 or 5-3300, ext. 67. Final grade cards corresponding to the students listed on these class lists will be distributed and all discrepancies must be cleared prior to Feb. 24.

Monday, February 14, 1972
8 p.m. Jazz—The MSU Jazz Band in concert is sponsored by the Music Department and the Union Board. Tickets at door. Union Ballroom.

Tuesday, February 15, 1972
4 p.m. Women's Swimming—MSU vs. Central Michigan and Oakland. Women's IM Pool.
8 p.m. Folk dancing—International folk dancing is taught for singles and couples. St. John Student Parish, 327 M.A.C.

Wednesday, February 16, 1972
8:15 a.m. Performing Arts Company—"Joe Egg," a piercing comedy that centers on a schoolteacher, his wife, and their 10-year-old spastic child, has been substituted for "The Effects of Gamma Rays on Man-in-the-Moon Marigolds." For ticket reservations call 5-0148. Fairchild Theatre.

Thursday, February 17, 1972
8:15 p.m. "Joe Egg." (see Feb. 16). Fairchild Theatre.

Friday, February 18, 1972
7:30 p.m. Hockey—MSU vs. Minnesota-Duluth. Ice Arena.
7:30 p.m. Swimming—MSU vs. Northwestern. Men's IM Pool.
8 p.m. "U.F.O."
8:15 p.m. "Joe Egg." (see Feb. 16). Fairchild Theatre.
10 p.m. "U.F.O." (see Feb. 11). Abrams.

Saturday, February 19, 1972
10 a.m. Fencing—MSU vs. Ohio State, Notre Dame. Men's IM Sports Arena.
1 p.m. Swimming—MSU vs. Ohio. Men's IM Pool.
2 p.m. Track—MSU vs. Michigan. Jenison Field House.
2:30 p.m. "U.F.O." (see Feb. 11). Abrams.
4 p.m. Wrestling—MSU vs. Wisconsin. IM Sports Arena.
7:30 p.m. Hockey—MSU vs. Minnesota-Duluth. Ice Arena.
8 p.m. "U.F.O." (see Feb. 11). Abrams.
8:15 p.m. "Joe Egg." (see Feb. 16). Fairchild Theatre.
8:15 p.m. Concert and Activity Bands. Admission free. Okemos Fine Arts Center.
10 p.m. "U.F.O." (see Feb. 11). Abrams.

EARLY ENROLLMENT
Early enrollment for spring term begins Thursday, Feb. 17 in the Sports Arena of the Men's Intramural Bldg. and continues through Wednesday, Feb. 23. For detailed information concerning enrollment, see pages 9-11 of the spring term Schedule of Courses and Academic Handbook.

ITALIAN PAINTINGS
The Central Michigan Archaeological Society will present an illustrated public lecture at 8 p.m., Tuesday, Feb. 15 in 108 Kresge Art Center. R. Ross Holloway, central Mediterranean archaeologist at Brown University, will speak on "New Marvels of Ancient Painting from Italy."

SEMINAR ON AGING
Frederick Swartz, the national chairman of the American Medical Association Committee on Aging, will speak on "The Myth of Aging as an Illness: The Social Role of the Elderly Person" at 7 p.m. Tuesday, Feb. 15 in 30 Union. The presentation is part of a series on "Aging in America" sponsored by the MSU Volunteer Bureau.

PSYCHOLOGY
John Money of Johns Hopkins University will present a workshop on "Determinants of Human Sexual Behavior." On Saturday, Feb. 12. He will discuss genetic, hormonal, and developmental factors in gender identity differentiation and erotic imagery in sex education. The University community is invited at 10 a.m. in 304 Odds, the public at 2:30 p.m.

"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 an 8-day period, Friday through Saturday."