

Legislative report

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 Budgets projects a total enrollment in state institutions of higher education for

1972 - 73 of 205,759 fiscal year equated students (FYES). This compares with 203,068 FYES 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.

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MSU News - Bulletin

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Michigan State University

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-Photo by Dick Wesley; print by Pete Schandelmeier

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)

Letters

Women's data needed

To the Editor:

Two years ago a group of members of the American Statistical Association formed a Women's Caucus, which is concerned with problems of the status of women in statistical professions and in statistics 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.

I would like to request the assistance of faculty members or graduate students in obtaining information about groups that 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. (Phone: 355-5230 or 353-3994).

Rita Zemach,
Assistant professor,
Electrical Engineering
and systems science

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 1909. The charts 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 admonitions to students.

How he disliked athletics. In my class was a guy . . . who played varsity basketball as a freshman. In so doing, he

was off campus a lot. He failed his winter botany course. I can well remember Beal calling him up front and going over 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 Bessey and Kedzie were helping hands more than once. Sometime you might write a story about these two fellows.

Keats K. Vining
Grand Rapids

Nominations open for teacher awards

Nominating forms for the Teacher - Scholar and Excellence in Teaching Awards are now in the hands of department chairmen. The deadline is March 3 for nominating junior faculty (instructors or assistant professors) for the Teacher - Scholar award and 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 in 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, 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 Jennens, business; Wanda Law, 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 colleges.

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 spring 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, 353 - 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.

Progress 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 in 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 monitoring the air, terrestrial environment, the oceans 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 one of 31 members of this country's Citizens Advisory Committee which advises on what should happen at the conference.

"Conservation groups, universities, industrial groups, and other interested

citizens are called upon for their ideas on environmental quality and human values," said Nellor.

Once pooled, such ideas from the U.S. - along with ideas of other member nations of the 27 - nation Preparatory Committee which plans the conference - are given to the Conference Secretariat for preparation of Conference Action Proposals.

"There will probably be somewhere around 40 or 50 international recommendations for things that we ought to do collectively as countries," said King. "They involve financial implications in nearly every instance. They involve a lot of political considerations, as well."

In return, the U.N. conference secretariat will give a revised form of the various nations' recommendations about human environmental problems to the Citizens Advisory Committee and representatives of other U.N. nations.

"We must take positions on . . . these recommendations," King said, "at least the international ones for sure."

King cautioned that, "It's very possible that Stockholm will most assuredly not produce enough for those who are genuinely concerned and emotional about the environment. We can say all we like. But our vote counts no more than 129 other countries' does. There are different kinds of interests in every regard."

"It's not an end. It's not a conference you go to and everybody goes home. It's going to be the beginning of an action program of some kind."

Yet, at Stockholm many U.N. countries will probably commit themselves.

"But the ultimate decision," said King, "is made by a general assembly of the U.N. which meets in New York, in regular session annually in November. So we can decide things in June but they must be certified in November."

The U.S. delegation for Stockholm will be drawn from the U.S. congress, executive branch, other U.S. government experts, and other members of the public to be selected by President Nixon around March. -PHILLIP E. MILLER

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 begin at 8:15 p.m. in the Erickson Kiva. Works presented on past programs have varied from more traditional 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 MSU 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 contralto 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 with more freedom in terms of 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).

EPC 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 or students may be made through Manderscheid or through their college representatives. Copies of the proposal may also be made available through the representatives, Manderscheid said.

Around the campus: A weekly review

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. Friday, Feb. 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 provide 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 those speakers who represent organizations (students, faculty, staff, etc.), with individual speakers following. Others attending the hearing who wish to present views 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 administration officials will have a better opportunity to consider proposals or complaints.

Speakers wishing a place on the prepared schedule may contact Perrin's office in person, in writing 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 publicly announced his decision to retire in simultaneous letters to the State News (Jan. 25) and to his department (romance languages). 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."

One of de Mars' major worries, he said, is that students are becoming apathetic, bored with the entire university educational structure. De Mars believes that this apathy, which has been portrayed as a return to more tranquil times on the campuses is occurring not only among students but their teachers as well.

Another reason he gave for his decision to leave teaching is money. According to the published faculty pay list, de Mars, who teaches 300-level conversational French, is the lowest paid member of his department at \$9,600 a year.

But de Mars said that money itself is relatively unimportant to him. More important, he pointed out, is the emphasis on publishing articles and getting advanced degrees, in terms of advancement.

De Mars cited a quote from an article written by Robert Nisbet on the future of the university: "Of what avail is it today to remind young instructors solemnly of their teaching obligations; of what use is it for students to assess faculty performance; and of what incentive to offer annual teaching awards when the evidence is clear that through research alone are reputations made?"

Eugene Gray, acting chairman of the department of Romance Languages, said that de Mars was assessed in the same manner as other faculty in the department when raises were determined. But he declined to discuss specifics of the matter until he could talk personally with de Mars. Gray said that the only contact de Mars had made with him so far on the resignation was the letter published in the State News.

De Mars also cited other problems, which he said existed within most departments, such as the lack of student-teacher relationship. "The biggest problem is that teachers just don't know their students," he said.

De Mars had been away from MSU from the beginning of the summer until January, finishing Peace Corps obligations and traveling.

"Ironically, since I submitted my resignation, I'm getting more out of my classes than before," he said. "I feel freer and I'm not hung up on 'productivity.'" —MIKE MANLEY

China Week begins Monday

MSU will usher in the Chinese New Year — "The Year of the Rat" — with a week of special events beginning Monday (Feb. 14).

A highlight of "China Week" will be a seminar and slide program by University of Wisconsin coed Spring Wang, one of five students granted an interview with China's Premier Chou En-lai.

Miss Wang will speak at 2:30 p.m. Thursday (Feb. 17) in Room 204, International Center, and show slides of China that evening at 8 in 106B Wells Hall.

Both Kresge Art Center and the MSU Museum will have Chinese exhibits, and the opening of the art exhibit Monday will include a continuously shown videotape of Chinese art from 3 to 5 p.m.

Also scheduled are:

Monday — "The Rise of Communism and the Thought of Mao Tse Tung," a

lecture by Joseph Lee, 7 p.m., 109 Anthony Hall.

Tuesday — Film, "Felix Green's China," 3 p.m., 102B Wells Hall; and a panel discussion on Chinese medicine, 8 p.m., 102B Wells Hall.

Wednesday — Film, "A Revolution Revisited," 2 p.m., 100E Vet Clinic; and a lecture, "Economic Problems, the Perennial Challenge..." Anthony Koo, 7 p.m., 109 Anthony Hall.

Friday — Special film, "Red Detachment of Women," 8 p.m., 158 Natural Resources.

Saturday — A live musical performance, Tai Chi Ch'uan, and a slide presentation on Peking by L.H. Battistini, 8 p.m., Peoples Church, 200 W. Grand River, East Lansing.

Union lanes have openings

The 16-lane bowling alley in the Union Building is available for groups, couples and individuals interested in bowling parties, leagues or open bowling, according to Jack W. Ostrander, assistant manager of the Union Building.

He said that if there is enough demand, free bowling instruction may be provided.

Ostrander suggested the following times for group, league and open bowling: Monday through Thursday — 10 a.m. to 6 p.m.; Friday — 8 a.m. to 11 p.m.; Saturday and Sunday — 12 noon to 11 p.m.

Further information is available from Ostrander, 355-3463, or Don Irish, manager of the Union lanes, 355-3357.

Two staff members die

John Thomas Blakeslee, chief engineer at WKAR, died Thursday (Feb. 3).

Mr. Blakeslee, 58, was appointed chief engineer in 1958 and was in charge of the technical operations of the radio station. He first joined the WKAR staff as a radio operator in 1934.

A native of Charlotte, he received a bachelor's degree in electrical engineering from MSU in 1937. He served in the U.S. Navy from 1941 to 1945.

Mr. Blakeslee is survived by his widow, Dorothy; a daughter, Susan; a son, Jeffrey; and a brother, Edward J. Blakeslee of Corpus Christi, Texas.

Guy E. Timmons, professor of secondary education and curriculum, died Tuesday (Feb. 1). He was 59.

A member of the faculty since 1948, Mr. Timmons was appointed professor in 1966. He served as supervisor of vocational agriculture in Pennsylvania public schools from 1935 to 1942 and was assistant to the associate dean of students at Washington State University from 1946 to 1948. From 1958 to 1959 he taught in the Philippines at Central Luzon Agricultural College.

Mr. Timmons received bachelor's and master's degrees from Pennsylvania State University, the bachelor of education degree from the State College of Washington, and the Ed.D. from Wayne State University.

He is survived by his widow, Willeen; two sons, Michael L. and David E.; a brother, Loren, and his mother, Mrs. Clyde Timmons.

Wharton to talk at Hubbard

A University residence hall will be the scene next Monday (Feb. 14) for the annual State of the University address by President Wharton.

The address will be at 8 p.m. in the dining room of Hubbard Hall at a special meeting of the Academic Council. It will be combined this year with the annual Faculty Convocation.

The change in the usual format is designed to give members of the Council, their spouses and faculty members a more intimate setting to hear the president's views on the central issues facing the University and its future.

An informal reception will follow Wharton's address. The meeting is open to the public.

A special bus shuttle service will be provided to transport people to and from Hubbard Hall for the speech.

Richard O. Bernitt, director of public safety said that due to the shortage of available parking places on east campus, those planning to drive to the event should park their cars in the vicinity of the intersection of Farm Lane and Shaw Lane.

Busés will leave from the planetarium entrance beginning at 7:30 p.m. They will return passengers to the planetarium following the event and continuing until about 10 p.m.

Frosh rule is endorsed

The University Athletic Council decided in a split vote this week to support varsity basketball and football competition for freshman athletes. The proposal conforms with the recent NCAA rule change that is now being considered by Big Ten member schools.

If approved by the conference, varsity football participation for freshmen would begin next fall, followed by basketball in the 1972-73 season. Freshmen now compete in all other varsity sports.

The athletic council also moved to have a study made here of the consequences of freshmen competition during the next two years. MSU's faculty representative, John A. Fuzak, was directed to urge similar studies by the Big Ten office and other member institutions.

Fuzak, associate dean and director of the School of Advanced Studies in Education, said that council members "expressed concern and raised questions about possible effects" on freshmen athletes in such areas as "personal adjustments to college and academic performance."

Whether the Big Ten endorses the NCAA rule on freshman participation will be decided at the conference's next meeting March 6-8 in Chicago.

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Associate editor: Beverly Twitchell
Associate editor: Patricia Grauer

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Freshmen and transfers are b

Personal background

As the chart below indicates, parents of MSU students tend to have higher educational backgrounds than their national counterparts. Parents of both freshmen and transfers 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 somewhat less likely to change religious preference than men.

Personal Background	MSU						National			
	Freshmen			Transfer			Freshmen	Transfer	Total	Total
	Male	Female	Total	Male	Female	Total				
A. Age										
18			85.0			80.0	81.0	74.1		6.5
20 or older										
B. Father's Education										
College degree			41.8			28.3	39.9	27.7		
Some college, high school or less			58.3			71.7	60.1	72.4		
C. Mother's Education										
College degree			25.7			19.1	24.9	18.3		
Some college, high school or less			74.3			81.0	75.2	81.6		
D. Race										
White			92.1			96.0	94.5	91.4		
Nonwhite			9.6			5.6	7.3	10.2		
E. Parents' Income										
\$4,000-\$9,999			22.6			28.0	24.7	34.4		
\$10,000-\$24,999			61.5			60.1	59.6	54.7		
\$25,000-\$40,000+			15.9			12.0	15.7	10.9		
F. Religion Reared										
Protestant	52.6	53.7	53.1	53.1	57.9	54.9	51.2	49.8		
Roman Catholic	32.9	31.8	32.4	35.1	33.9	34.7	32.4	34.8		
Jewish	5.1	5.4	5.3	2.6	3.0	2.7	7.4	3.6		
Other	6.0	6.4	6.2	4.8	3.2	4.2	6.5	9.4		
None	3.3	2.8	3.0	4.4	2.0	3.5	2.6	2.3		
G. Religion Preferred										
Protestant	37.0	41.8	39.2	37.0	41.7	38.8	40.9	41.5		
Roman Catholic	26.0	25.5	25.8	26.7	25.8	26.4	25.6	29.5		
Jewish	4.1	4.7	4.4	2.1	2.5	2.2	5.8	2.8		
Other	8.7	9.9	9.3	9.1	6.5	8.1	9.1	11.7		
None	24.1	18.1	21.4	25.2	23.5	24.5	18.6	14.4		
H. Veteran										
No	98.7			88.0			98.2	95.0		
Yes, served in S.E. Asia	.7			7.4			.9	2.7		
Yes, did not serve in S.E. Asia	.6			4.7			.9	2.3		
I. Marital Status										
Married	1.0	.8		9.8	5.5		1.3	1.2	3.0	2.6
J. Distance From Home to College										
5-100 miles			69.0			70.8	51.8	64.6		
100 or more			30.9			29.2	48.3	35.4		

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 among both freshmen and transfer students.

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

And while 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.

According to figures from King's office, 99.7 percent of students whose high schools 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 below that.

High School Background	MSU						National			
	Freshmen			Transfer			Freshmen	Transfer	Total	Total
	Male	Female	Total	Male	Female	Total				
A. Grade Point Average										
A range	22.7	30.5	26.2	7.2	18.4	11.3	27.3	16.0		
B range	71.0	67.0	69.3	57.3	67.0	60.9	60.6	58.8		
C-D range	6.2	2.5	4.6	35.5	14.6	27.8	12.1	26.1		
B. Rank in Class										
Top quarter	68.3	78.1	72.7	31.6	52.8	39.3	64.3	41.8		
First and second quarter	93.6	96.6	95.0	70.8	84.0	75.6	90.3	73.1		
Third and fourth quarter	6.3	3.3	5.0	29.2	16.0	24.4	9.8	27.0		
C. School Achievements										
President student organization	24.5	19.8	22.4	15.9	22.0	18.1	22.8	18.4		
High rating state music contest	13.0	16.5	14.6	11.3	19.5	14.3	12.2	10.1		
State/regional speech contest	7.2	6.5	6.9	4.5	5.7	4.9	6.1	4.5		
Major part in a play	16.3	14.4	14.9	14.0	13.1	13.7	16.4	14.9		
Varsity letter (sports)	47.0	15.7	32.9	46.0	12.5	33.6	32.2	32.8		
Award in art competition	3.8	6.7	5.1	5.1	8.0	6.2	5.7	5.5		
Editor of school paper	9.2	16.9	12.7	7.2	13.8	9.7	14.1	11.5		
Original writing published	16.1	20.0	17.9	12.8	17.0	14.3	19.1	15.1		
NSF summer program	1.3	.8	1.1	.2	.6	.4	1.4	.7		
State/regional science program	2.7	1.4	2.1	2.0	1.6	1.9	2.8	1.9		
Scholastic honor society	37.9	52.0	44.2	15.1	38.8	23.8	40.3	24.5		
National Merit Recognition	20.8	15.9	18.6	8.0	10.1	8.8	13.6	7.7		
D. Year Finished High School										
1971			97.8			3.2	95.5	90.4		

College plans

Though not reflected in the chart below, today's students tend to divert their occupational goals from those of their fathers. More students plan to enter the fields of art, medicine, education, farming, law and research science than their fathers; fewer plan to enter business; and engineering remains about the same.

The chart below does indicate that MSU students aim at higher level degrees than their national counterparts, more men plan for higher degrees than women, and more transfers plan for higher degrees than freshmen.

A majority of all the students express concern over financing college, and MSU students express somewhat higher concern than those at the national level. More MSU students plan to work to help finance their education than is reflected

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 cultured 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.

College Plans	MSU						National			
	Freshmen			Transfer			Freshmen	Transfer	Total	Total
	Male	Female	Total	Male	Female	Total				
A. Highest Degree Planned										
None	3.4	2.8	3.1	1.9	2.4	2.1	3.0	6.5		
Associate	.3	.6	.4	1.4	1.2	1.3	1.2	10.2		
B.A., B.S.	28.2	45.5	35.9	24.9	38.4	29.9	39.2	37.5		
M.A., M.S.	27.4	31.1	29.0	37.7	45.9	40.7	29.2	25.9		
Ph.D., Ed.D.	15.1	7.8	11.9	14.6	7.5	12.0	11.3	7.6		
M.D., D.O., D.D.S. or D.V.M.	15.3	7.8	11.9	10.0	3.3	7.6	9.0	4.9		
Other	10.4	4.3	7.6	9.4	1.4	6.4	7.0	7.4		
B. Concern About Financing										
None	26.3	25.5	25.9	23.4	23.7	23.5	31.1	33.9		
Some	60.1	57.3	58.8	58.9	55.8	57.8	57.7	55.6		
Major	13.6	17.2	15.2	17.6	20.5	18.7	11.2	10.4		
C. Major Source of Financial Support for College										
Full time or part time work	45.6	26.7	37.1	68.2	45.4	59.9	35.8	38.4		
Parent's or own military service	2.8	1.1	2.1	10.6	1.0	7.1	2.5	4.4		
Scholarships, grants or loans	39.1	42.7	40.7	34.1	44.8	38.0	39.4	40.2		
Parents or family aid or gifts	61.9	71.1	66.0	37.8	55.2	44.2	65.6	54.5		
D. Reasons Noted as Very Important in Deciding to go to College										
Parents wanted me to go	20.6	23.9	22.1	21.2	23.8	22.1	21.3	22.9		
Nothing better to do	2.5	2.0	2.3	1.9	2.4	2.1	2.5	2.2		
Make more money	49.4	33.9	42.5	49.9	33.9	44.1	43.6	49.9		
Prepare for grad or prof school	45.0	30.8	38.7	45.9	33.9	41.5	36.3	34.5		
Get a better job	73.2	65.6	69.8	74.3	65.4	71.1	68.7	73.8		
Contribute more to my community	14.7	21.5	17.8	18.9	26.7	21.7	19.1	18.7		
Gain a general education	55.9	71.4	62.9	61.8	73.1	66.0	62.9	59.5		
Improve reading/study skills	18.9	18.9	18.9	18.3	18.2	18.3	18.2	22.2		
Become more cultured	20.8	32.2	25.9	24.4	35.7	28.5	27.7	28.9		
Learn more about my interests	68.5	80.3	73.8	70.2	77.8	73.0	72.4	68.8		
Meet new/interesting people	44.6	63.4	53.0	40.7	58.0	47.1	48.4	45.1		
E. Reasons for Selecting This College										
College has a good reputation	47.2	49.8	48.4	49.6	46.7	48.5	43.7	36.1		
Special educ. program offered	35.1	41.1	37.8	43.4	49.0	45.4	32.6	32.6		
Relatives wanted me to go	3.6	4.7	4.1	3.0	4.6	3.5	6.5	7.8		
Most friends going to this college	3.6	2.8	3.2	5.0	6.6	5.6	3.8	4.5		
Advice of someone who attended	12.5	16.9	14.5	13.8	13.9	13.9	14.2	15.7		
Advice of guidance counselor	5.3	5.3	5.3	5.0	4.0	4.6	4.2	7.2		
Not accepted anywhere else	1.6	.9	1.3	1.4	0.0	.9	2.2	3.1		
Wanted to live at home	2.6	1.2	2.0	4.4	4.6	4.5	7.5	12.2		
Low tuition	5.5	5.5	5.5	3.9	7.3	5.1	16.6	18.8		

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 "emphatically reject the antiestablishment position," and they disapprove of violence and illegal means of making societal change. And a significant portion (about 45 percent) agree that federal antiriot legislation is overdue.

This is the conclusion of the Office of Evaluation Services' own study of last fall's new freshmen and new transfer students. The study involved 89 percent of the some 7,000 new freshmen and 59 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."

The report, detailing student views on societal and political issues, is the first in a series that profile this year's entering freshmen and transfers.

* * *

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 most 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 anticommunist groups. Both freshmen and transfers reported little sympathy (20 percent or less) for women's liberation, student activists, one - 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 emerged as "well - known and very popular:" Ralph Nader and Bob Hope. Rated "well - known" and holding "accepted views" 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 unpopular are George Wallace, Mohammed Ali and Angela Davis. Less-known but also unpopular are Eldridge

Bright, 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."

Goals	MSU						National	
	Freshmen			Transfer			Freshmen	Transfer
	Male	Female	Total	Male	Female	Total	Total	Total
<i>Objectives Considered to be Essential or Very Important</i>								
Achieve in a performing art	9.6	13.5	11.4	9.7	13.4	11.1	12.7	11.9
Be an authority in my field	67.2	58.1	63.1	71.1	63.1	68.2	59.7	60.0
Be an expert in finance	16.6	6.4	12.0	20.4	5.4	15.0	11.4	13.5
Create works of art	10.6	22.6	16.0	11.3	29.0	17.7	17.6	15.4
Succeed in my own business	49.4	28.2	39.9	45.4	21.4	36.8	37.8	41.9
Influence political structure	22.3	13.4	18.3	19.6	13.7	17.5	16.4	14.1
Influence social values	29.6	30.0	29.8	30.6	38.6	33.5	29.1	28.0
Be administratively responsible	23.9	12.0	18.6	36.2	11.7	27.4	16.8	19.7
Be very well-off financially	46.8	24.6	36.8	45.6	25.5	38.2	37.0	40.1
Contribute to scientific theory	17.9	7.9	13.4	16.2	6.7	12.8	12.3	9.0
Write original works	14.7	18.6	16.4	14.6	17.3	15.5	15.8	13.2
Keep up with political affairs	54.3	49.8	52.3	52.0	46.0	50.1	48.8	42.8
Obtain recognition from peers	46.3	33.6	40.6	52.1	38.0	47.0	38.1	37.3
Have active social life	56.7	52.7	54.9	56.2	51.7	54.6	52.7	55.0
Have friends different from me	58.3	68.0	62.7	57.2	61.7	58.9	61.0	60.4
Become a community leader	17.6	10.3	14.3	20.6	9.2	16.5	13.1	13.3
Help others in difficulty	56.2	71.4	63.0	62.4	73.7	66.5	61.5	62.7
Participate in Peace Corps/VISTA	13.1	24.6	18.3	13.3	22.8	16.7	16.2	16.2
Help clean up environment	49.5	48.2	48.9	52.5	49.0	51.2	43.9	42.9
Participate in community action	24.9	30.4	27.3	27.7	31.9	29.2	25.7	25.9
Marry within next five years	17.8	26.6	21.8	36.5	41.6	38.4	23.6	29.8
Raise a family	53.7	59.0	56.1	60.4	62.0	61.0	56.6	60.2
Never be obligated to people	24.0	20.3	22.4	24.8	24.6	24.7	20.7	21.3
Develop a philosophy of life	74.3	81.6	77.6	77.3	80.6	78.5	73.4	68.1

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'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 fell 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, and that there should not be an open admissions policy. MSU transfers would add to that list that grades should be abolished. The students also feel strongly that the same degree standard should be used for all, and, following that, that disadvantaged students should not receive preferential treatment.

Women tend to be somewhat more liberal than men in the areas of abolishing grades, the college's right to ban speakers, and regulate student publications and the monetary benefit of college.

illegal means of change

Cleaver, 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 to infer major shifts in the composition of the freshmen classes of the past two years."

* * *

BOTH JUOLA AND Willard Warrington, professor and director of

evaluation services, stress that the data on this year's new students reinforces some major changes in freshmen over the past decade.

An MSU comparison of freshmen between 1958 and 1967 revealed that first-year students were becoming "brighter, more articulate, more relativistic in his moral values . . . and (they have) some rather definite opinions concerning what rights the student should have with respect to the curriculum, the faculty, the administration, and the rules and regulations of the University."

Warrington adds that this year's data suggest that freshmen want more involvement in society, and that they have a "real social conscience."

But he also notes that new students here may be a little more conservative than their counterparts of the past two or three years.

And Warrington points to another major shift: In 1958, only four of 10 freshman males planned to go on to graduate or professional schools — today the figure is almost seven of 10. And in 1958, just 17 percent of freshman females aspired to more than a bachelor's degree, and this year's comparable total is close to 50 percent.

— GENE RIETFORS

Beliefs	MSU						National	
	Freshmen			Transfer			Freshmen	Transfer
	Male	Female	Total	Male	Female	Total	Total	Total
<i>A. Agree Strongly or Somewhat</i>								
Gov't not controlling pollution	92.4	93.6	92.9	94.1	93.9	94.0	92.4	90.5
Gov't not protecting consumer	77.0	78.4	77.6	82.7	83.8	83.1	78.8	76.6
Gov't not desegregating quickly	54.7	57.8	56.1	55.4	59.4	56.8	51.9	51.7
Too many rights for criminals	49.2	39.4	44.8	50.6	42.4	47.6	45.5	48.1
Should abolish death penalty	62.6	69.7	65.8	64.6	71.9	67.2	61.1	57.6
Women's activities best in home	41.9	21.7	32.9	43.2	21.4	35.3	34.0	42.2
Barely communicate with parents	21.2	17.6	19.6	19.8	18.2	19.2	17.9	18.6
Should legalize marijuana	52.4	46.1	49.6	55.9	54.1	55.3	45.5	38.7
Should discourage large families	77.9	78.8	78.3	83.7	80.9	82.7	75.6	68.5
Women should get job equality	85.7	97.1	90.8	88.5	95.9	91.2	91.1	87.8
All should get college opportunity	47.7	55.2	51.1	65.5	68.0	66.4	60.0	68.5
Can do little to change society	47.2	40.2	44.0	51.4	44.7	49.0	42.8	42.9
<i>B. Agree Strongly or Somewhat</i>								
College regulate students off campus	9.2	9.0	9.1	8.6	10.8	9.4	10.1	13.8
Benefit of college is monetary	59.0	44.7	52.6	53.8	42.6	49.7	50.5	59.2
Students help evaluate faculty	78.9	80.4	79.6	82.3	83.7	82.8	79.8	76.0
Abolish college grades	40.7	48.5	44.2	51.9	60.9	55.1	44.7	42.6
De-emphasize organized sports	28.7	26.3	27.6	30.4	30.9	30.6	28.9	26.0
Regulate student publications	23.3	20.3	22.0	24.8	21.2	23.5	23.2	32.5
College has right to ban speaker	20.1	14.9	17.8	24.3	16.2	21.4	23.1	27.8
Give disadvantaged preferential treatment	34.1	33.2	33.7	36.1	38.4	37.0	34.7	40.1
College too lax on student protest	37.3	31.5	34.7	42.0	34.2	39.2	39.9	46.5
Adopt open admissions at public colleges	18.0	18.6	18.3	31.7	30.9	31.4	28.5	37.2
Use same degree standard for all	76.0	75.1	75.6	81.6	79.8	81.0	78.9	77.5
<i>C. Current Political Preference</i>								
Left of center	51.3	46.4	49.1	49.5	40.5	46.2	44.1	38.1
Middle of the road	35.5	43.1	38.9	36.4	45.9	39.9	41.9	46.8
Right of center	13.3	10.4	12.0	14.1	13.7	13.9	14.1	15.2

Self ratings

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, social self-confidence and popularity.

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

Self Ratings	MSU						National	
	Freshmen			Transfer			Freshmen	Transfer
	Male	Female	Total	Male	Female	Total	Total	Total
<i>Self Ratings of Better Than Average On Personal Traits</i>								
Academic ability	80.5	75.8	78.4	67.2	63.6	65.9	72.1	50.6
Athletic ability	47.5	27.1	38.4	43.5	22.8	36.0	36.9	36.0
Artistic ability	16.6	24.3	20.0	17.7	27.0	21.1	20.9	17.7
Mathematical ability	63.9	41.5	53.8	38.9	24.7	33.7	46.5	32.0
Mechanical ability	35.1	13.4	25.4	36.6	13.5	28.2	24.8	22.6
Writing ability	40.6	40.5	40.5	38.8	39.4	39.0	36.2	27.7
Leadership ability	50.0	41.8	46.3	46.7	31.9	41.3	42.9	34.9
Public speaking ability	33.6	24.2	29.4	28.9	20.5	25.8	25.1	19.4
Originality	45.9	41.6	44.0	43.1	37.9	41.2	42.0	34.2
Self-confidence (intellectual)	59.5	45.0	53.0	52.8	43.9	49.6	47.5	34.8
Self-confidence (social)	36.3	30.2	33.6	36.4	30.1	34.1	30.2	27.4
Drive to achieve	64.0	67.5	65.6	64.2	65.3	64.6	61.6	52.4
Popularity (general)	39.0	32.1	35.9	34.2	30.6	32.9	32.3	29.2
Popularity with opposite sex	36.3	30.9	33.9	33.8	31.5	32.9	29.7	27.2
Understanding of others	63.0	69.1	65.7	64.3	70.2	66.4	65.3	62.5
Cheerfulness	48.1	55.2	51.3	48.4	58.1	51.9	51.4	51.6
Sensitivity to criticism	25.9	31.0	28.2	26.4	31.1	28.1	29.1	25.4
Stubbornness	34.4	39.7	36.8	36.7	40.5	38.1	39.1	36.3
Political conservatism	12.0	6.8	9.7	9.1	7.7	8.6	10.6	8.6
Political liberalism	58.3	30.0	34.6	37.4	27.1	33.6	30.9	23.0
Defensiveness	28.3	28.9	28.6	31.5	26.7	29.7	27.6	26.8

Expectations

For the most part, the surveyed students expect success — and again, MSU students expect it 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.

Expectations	MSU						National	
	Freshmen			Transfer			Freshmen	Transfer
	Male	Female	Total	Male	Female	Total	Total	Total
<i>Students Estimate Chances Are Very Good That They Will</i>								
Get married while in college	7.3	9.0	8.1	16.2	13.7	15.3	8.9	8.4
Marry within a year after college	17.5	22.0	19.4	22.3	26.2	23.7	19.8	19.8
Vote in 1972 presidential election	83.4	85.7	84.4	87.1	89.4	87.9	82.1	76.1
Transfer to another college	6.8	8.6	7.6	1.7	5.1	2.2	8.8	11.4
Be satisfied with my college	53.3	66.6	59.3	59.3	65.5	61.5	57.1	57.0
Drop out temporarily	1.3	2.0	1.6	.9	1.8	1.3	1.7	1.4
Drop out permanently	.4	.9	.6	.5	.2	.4	.7	.8
Be more successful than most	17.0	7.7	12.8	15.9	7.1	12.8	9.8	8.7
Enlist in armed services before grad	1.2	.5	.9	.8	0.0	.5	1.6	1.9
Change career choice	17.0	20.6	18.6	7.3	8.0	7.6	18.2	12.9
Change major field	19.2	22.4	20.7	7.7	8.3	7.9	17.6	12.5
Fail one or more courses	1.8	.8	1.3	1.3	1.0	1.2	1.9	2.1
Need extra time to get degree	4.2	4.8	4.5	12.9	18.0	14.7	3.7	3.8
Get tutoring help in courses	3.1	4.6	3.8	4.3	3.5	4.0	5.9	6.0
Work at outside job	29.2	34.2	31.4	37.6	44.4	40.1	31.1	33.2
Seek vocational counseling	13.2	17.0	14.9	14.4	18.5	15.9	13.0	11.4
Seek personal counseling	7.2	7.2	7.2	5.6	6.0	5.7	6.3	6.3
Enroll in honors course	9.9	7.8	8.9	4.5	4.7	4.6	10.5	5.7
Graduate with honors	10.1	6.4	8.4	8.2	7.0	7.8	6.4	4.7
Make at least a "B" average	38.2	36.4	37.4	35.4	40.0	37.0	31.4	23.6
Be elected to an honor society	5.3	4.2	4.8	3.0	4.6	3.6	4.8	3.1
Author a published article	6.8	4.9	6.0	4.7	5.8	5.1	5.0	3.8
Join social fraternity or sorority	9.2	11.9	10.4	8.1	9.4	8.5	15.5	

Where all the questions come

What's the world's record for staying in the shower? What time is the carillon concert? If I drop this class now, will I get a full refund?

It's a rarity to find 11 persons with more than 11 master's degrees among them standing behind an information counter. But this is the situation at the reference desk at the MSU Library, where the staff is pelted with questions from campus, county and country.

Of course, their chief function is academic, directing students and faculty toward the sources they need for research.

But often it is the curiosity-seeker who calls the desk.

"We're constantly besieged by people who want to look up a long-lost girlfriend or roommate," said Bob Williams, a reference librarian, "and we usually can do it. We have directories as far back as they go, and before that, reports of the president to the trustees that listed all the students and all the faculty.

"We also get a lot of questions about campus and Lansing area entertainment," he said. "Not only do they want to know what movies are playing, but also a run down on the plot and the reviews they got when they were first released, which might have been all the way back to 1934."

WILLIAMS FEELS THAT students are more "amusing" than "misusing" of the reference service.

"Sometimes, when the same question pops up four or five times on the same day," he said, "we can be pretty sure it's on some professor's take-home exam."

Williams said that students also raise queries like: "Who's my advisor?" and "I have a book overdue at the University of Kentucky. Can I return it to you?"

Martha Meaders and Jane Arnold agree that often the biggest part of their job is actually finding out what an information-seeker wants.

"We've learned not to give people what they ask for, but what they want," Miss Arnold said. "Too often we've directed someone who's asked for the Reader's Digest, only to find out what he wanted was the Reader's Guide."

"Or, they'll ask very simply for 'a history book' or 'a new red reference book,'" Mrs. Meaders said.

ALL OF THE LIBRARIANS agreed that too many students do not know how to use a library, even to alphabetizing and use of call numbers.

Elena Miller outlined some of the services offered by the Reference Library.

"We maintain files of travel information, guide books, maps, and telephone directories of major cities," she said, "plus college catalogs from around the

world, a list of campus periodicals, and some biographical material that might not be found in the standard sources."

The reference librarians also conduct tours of the library at 4 p.m. each Tuesday and 2 p.m. each Wednesday. A librarian at the reference desk is always on duty until 10 p.m.

Obtaining genus and species names of the chimpanzee, compiling a list of hotels in Seattle, settling an argument between two bank employes on whether the yolk or white of an egg produces the chicken — such are services that have been provided by those at the MSU Reference Library.

But they couldn't help the person who asked: "Do you have a list of books you don't have?"

—PATRICIA GRAUER



—Photo by Dick Wesley

Providing some of the answers: Librarians Florence Hickok and Robert Williams.

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 by reason of economic, social or educational deprivation.

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 1 percent of each institution's 1971 - 72 gross general fund budget. The governor has expressed his intention that the increased funds be used primarily not only for financial aid programs but also 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 reports that as the result of these efforts, the state's actual output of physicians and dentists will be substantially increased for the first time in 1972 - 73. * * *

IN HIS SPECIFIC recommendations for MSU, the governor based his figures on a net increase in student fees of \$770,000 and a decrease in surplus income of \$130,000. Although 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 a decrease in out - of - state students is projected. In conformance with executive and legislative policy, 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.

—MIKE BORN

Council meet set for Feb. 22

The Academic Council will reconvene Tuesday, Feb. 22 at 3:15 p.m. in the Con Con Room of the Center for International Programs to continue discussion of proposed general education modifications.

The next regularly scheduled meeting of the Academic Council is March 7.

The Elected Faculty Council will meet March 14 in the International Center to consider the revised grievance 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 religion and chairman of that committee.

D.O. film

The film depicting the convocation of the College of Osteopathic Medicine, "Prologue to a New Beginning," will be shown at 2:30 p.m. Sunday, Feb. 13, on WMSB - TV.

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 copies may obtain them 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 petitions 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; Loran 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.

BULLETINS

RETIRES 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.

AEBLESKIVERS!

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.

BLOODMOBILE

The Red Cross Bloodmobile will be located at Shaw Hall lower lounge from 2-8 p.m., Monday through Thursday, and 10 a.m. to 4 p.m. Friday, Feb. 14-18.

CHINA WEEK

Films, lectures, seminars and special exhibits highlight the 1972 China Week, at MSU Feb. 14-19. For schedule information contact the Asian Studies Center.

USERS MEETING

The Operations Advisory Subcommittee will hold a "Users Meeting" at 7:30 p.m., Tuesday, Feb. 22 in 402 Computer Center. This Committee provides input to the computer laboratory on day-today computer operational problems. The purposes of the meeting are to insure that Committee members are familiar with the needs of users, to answer questions, to explain system developments, and to identify user problems.

EXHIBITIONS

Kresge Art Center

Main Gallery: Works from the permanent collection.

Entrance Gallery (thru Feb. 27): Prints by New York artists Minna Citron and Jan Gelb.

North Gallery (thru Feb. 27): Contemporary paintings and prints from the collection of the Flint Institute of Arts.

Museum

First floor: Tombstone rubbings by Chet Trout.

CONFERENCES

Feb. 13-18 Industrial Ventilation

Feb. 14-18 Basic Life & Health Insurance Institute

Feb. 17 Seminar for Large Animal Practitioners—Mastitis, Vet. Clinic

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

FRIDAY, FEBRUARY 11, 1972

Studies on the turnover of protein glycoprotein and gangliosides in brains of chicks fed toxic levels of D-calactose. **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).

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

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

Genetic selection in dairy cattle—experience with institutional herds. **J.E. Legates**, North Carolina U., Raleigh, 12:30 p.m., 126 Anthony (Dairy Science).

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 of the Permian Basin, 4:10 p.m., 118 Physics-Astronomy (Physics).

Hemodynamic effects of acute electrolyte changes produced by hemodialysis. **Walter J. Hoppe**, 4 p.m., 216 Giltner (Physiology).

TUESDAY, FEBRUARY 15, 1972

Repair of ultraviolet light-induced damage to DNA of *Neurospora crassa*. **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 Siggia**, U. of Massachusetts, 4 p.m., 136 Chemistry (Chemistry).

Production of enterotoxin by *Staphylococcus aureus* grown in association with selected lactic acid bacteria. **Bill Haines**, 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 (methyl ester of chloroamiben) in *Cucumis sativus*. **C. Miller**, 4 p.m., 206 Horticulture (Horticulture).

Why congruences? **Fritz Herzog**, 4 p.m., 304A Wells (Mathematics).

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

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

Some problems in epidemic theory. **J. Gani**, Sheffield U., Sheffield, England and U. of Waterloo, Waterloo, Canada, 4:10 p.m., 405A Wells (Statistics & Probability).

WEDNESDAY, FEBRUARY 16, 1972

Remote sensing of plant diseases. **Gene R. Safir**, 4:10 p.m., 168 Plant Biology Lab (Botany & Plant Pathology).

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).

Development prospects in Bagladesh and Pakistan. **Robert Stevens, Rais Uddin Ahmed, Islam Tarafder**, 7:30 p.m., Con Con Room, International Center (Asian Studies Center).

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. Rovner**, 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

Human capital: the choice between earnings and investment. **William Haley**, 3 p.m., 3 Marshall (Economics & Agricultural Economics).

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.

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. Premieres 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 Keiffer'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

- 8:15 p.m. State Singers. Music Auditorium.

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. Folkdancing—International folkdancing 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." (see Feb. 11). Abrams.
8:15 p.m. "Joe Egg." (see Feb. 16). Fairchild Theatre.
8:15 p.m. Richards Quintet. Admission free. Music Auditorium.
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.

BULLETINS

THE IDIOT The Russian and East European Studies Group will present a film of Dostoevski'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. Stargazers 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.

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 Fredrick 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 Olds, 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.