MSU News-Bulletin

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Michigan State University

June 4, 1971

Council approves exam changes

The Academic Council approved Tuesday six recommendations from the Educational Policies Committee regarding use of final examination week (News-Bulletin, May 27).

The recommendations provide for a rotating schedule of two-hour sessions for all courses during the eleventh week of each term. The two-hour sessions may be used for final examination, evaluation, discussion "or any other appropriate activity designed to advance the student's education."

The recommendations also provide for no student having to take more than two examinations on any one day, for publication of the final examination policy, and for requiring faculty to schedule office hours or "in some other way make themselves accessible to their students" during the final week.

Discussion centered around exceptions to the rule, and what was called the "restrictive nature" of the recommendations. Exceptions may be approved by the appropriate chairman or dean.

Willard Warrington, professor and director of evaluation services and member of EPC, explained that the recommendations are an attempt to "build the last week of the term into the instructional process of the term."

And one of the problems on which the recommendations are based was summed up by Ombudsman James Rust when he said that final examination week "is the last week of the term, not the first week of faculty vacation."

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THE COUNCIL also heard a status report from E. Fred Carlisle, associate professor of English, on the development of faculty grievance procedures. Carlisle is chairman of an ad hoc committee studying faculty rights and responsibilities and grievance procedures. That committee was appointed in November at the request of the faculty steering committee and has been working since January on defining the several roles of faculty (as citizen, University officer and employee) and on the grievance procedure, Carlisle said.

But because of expressed need for the grievance procedure during the last few months, the committee has been concentrating on developing an interim procedure, a draft of which should be delivered to Council members "very soon," Carlisle said. And he said it would be presented to the Council for action at its first fall meeting.

The procedures are "interim," Carlisle said, because the accompanying statement on rights and responsibilities requires more time.

The committee's intents in developing the procedures are, Carlisle said: To develop a judicial structure widely available within the existing structure; to emphasize mediation and not adversary relationships; to provide for both the violation of faculty rights and the neglect of faculty responsibilities; to establish a judicial structure which will "parallel, review and support existing administrative powers."

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IN OTHER ACTION, the Council:

* Decided to have the "Bylaws of the Faculty," to "Bylaws for Academic Governance," to reflect the expansion of student participation.

* Decided to have the EPC discuss the use of the 4.5 grade, which may be adversely affecting student applications to graduate and law schools.

Athletic Council rejects rental of Big Ten facilities by pros

MSU's representatives to the Big Ten Conference will continue to oppose the regular use of any member university's athletic facilities by professional sports teams.

The Michigan State voting delegates are John A. Fuzak, chairman of the Athletic Council, and Athletic Director Biggie Munn. Their votes are based on instructions from the Athletic Council, which has met regularly to discuss the use of Big Ten facilities by professionals.

Earlier this year, Northwestern University - its athletic program troubled by rising costs and falling revenues - requested (and was denied) Big Ten permission to lease its football stadium to the professional Chicago Bears. Northwestern officials said the plan would give its athletic program a much-needed financial boost.

This spring, the regents at the University of Minnesota publicly challenged the Big Ten's authority to rule on the use of any member's athletic facilities. Minnesota has reportedly (Continued on page 2)

Faculty awards announced

The University's top teaching awards were presented last night to 18 faculty members and graduate assistants at the 1971 Awards Convocation.

Six recipients were named in each category: The Distinguished Faculty Award, for "outstanding contributions to the intellectual development of the University"; the Teacher Scholar Award, for "devotion and skill in undergraduate teaching," and the Excellence in Teaching Citation, for graduate assistants exhibiting "care and skill in meeting classroom responsibilities."

Names and photos of this year's winners are on pages 4 and 5.

Inside...

... Evans remembered, page 2
... Compensation data, page 3
... Faculty awards, pages 4 and 5
... Research grants, page 6

Over 5,000 get degrees

Degrees will be conferred on 5,153 students at spring commencement exercises Sunday (June 13). The ceremony begins at 4 p.m. in Spartan Stadium. Advanced degrees will be awarded at 10 a.m. in the Auditorium (See commencement instructions for faculty, page 2 of today's News-Bulletin.)

There are 3,928 bachelor's degree candidates and 1,125 advanced degree candidates. Also participating will be 1,111 summer term bachelor's candidates.

The commencement speaker will be Alan Pifer, president of the Carnegie Corporation and the Carnegie Foundation for the Advancement of Teaching. Dean Willis W. Armstead of the veterinary medicine college will address graduate degree winners.

Honorary doctorates will go to: Pifer; A. Ray Chamberlain, president of Colorado State University; Lester J. Evans, a noted authority on medical education; and U. Thuml, United National Secretary General.

Distinguished alumni Awards will go to: Chamberlain; Eli Broad, president of Kaufman & Brood, Inc.; Edward E. Rothman, former official of Campbell - Ewald and now president of Plentype & Douglas Offset Co.; Russell B. Mawby, former extension specialist and now president of the W.K. Kellogg Foundation; and George B. Peters, board chairman of Aurora Metal Corporation.

Final spring N-B

Today marks the final spring term issue of the MSU Bulletin. The paper will be published bi-weekly during summer term, beginning July 1.

There are almost endless means of expression - and these students are part of a freshmen course that develops "experiments in expression." See the story, page 3.
Athletic Council... (Concluded from page 1) discussed leasing its stadium to the professional Minnesota Vikings football team.

Fuzak, professor and associate dean of the College of Education, said that the issue in the Northwestern-Minnesota episodes is not the Big Ten to usurp any university's autonomy; rather, it involves the willingness of member institutions to accept the regulations adopted collectively by the conference.

Any university relinquishes some of its autonomy when it becomes a member of an organization, he pointed out.

Fuzak said that pressure from several Big Ten presidents, and from representatives of Northwestern and Minnesota prompted the conference to modify its rules so any member could petition the Big Ten for permission to rent its facilities to a professional team. (The Big Ten had pointed out earlier a change to allow a member to rent its stadium for a professional exhibition game, provided such an arrangement would not occur within 10 days of the college season opener in the sport.)

Northwestern submitted its petition in March, asking to lease its stadium to the Chicago Bears for a $30,000 game or 12.5 percent of the gate after taxes, whichever was greater. The plan would have covered five years, although the Bears could have terminated the contract after four.

Northwestern would have retained concessions and parking revenues, but it would have had to install artificial turf and aluminum seats in the stadium at an estimated cost of $500,000. Fuzak pointed out that when Northwestern officials actually presented the petition to the Big Ten, it was withdrawn by the Champaign campus, which would establish organizational headquarters at Northwestern, require that offices be remodeled to accommodate the headquarters and would practice in the Northwestern stadium.

"Thus, a much closer relationship seemed in prospect than that presented in the Northwestern written petition," he said.

Faculty representatives and athletic directors from Indiana, Ohio State, Purdue and Michigan joined MSU in rejecting the Northwestern petition. Illinois and Minnesota supported Northwestern. The Iowa votes were split (the athletic director voted to deny, the faculty representative favored the petition), the Wisconsin athletic director voted in favor and the Wisconsin faculty representative abstained.

A later appeal by Northwestern was denied, with both Wisconsin representatives joining those voting against the petition.

Fuzak listed two major reasons for denying the Northwestern request:

"There is a deep conviction held by many that it is facisible to enter into any close relationship with a professional organization without affecting the intercollegiate competition and practices. College sports, particularly football and basketball, are competing with the professionals for attendance. In cases where two teams have shared a facility, and with college teams, the latter have suffered financially.

"THE MOVE by Northwestern to lease its stadium to a professional team has prompted a rash of regular leasing arrangements involving the U of M (by the Detroit Lions) and Ohio State (by the Cincinnati Bengals), Fuzak reported.

Such maneuvers "could not be resisted without a united front by the Big Ten Conference," he said. "If one or two more conference members made such arrangements, the pressure would be intense for each conference member to seek a professional team to play in its stadium."

Michigan State likes Lester Evans and Lester Likes MSU.

That is why the awarding of a doctor of medical science degree to the former visiting professor at spring commencement next Sunday (June 13) is going to be a pleasant occasion for all concerned.

For more than a half century, Evans has been deeply involved in making medical care and medical education more pertinent to the needs of patients, students and society.

When Michigan State began planning its College of Human Medicine curriculum in 1965, it supplied fertile ground for some of the seeds that Evans had been scattering for many years.

 Actually, it could be argued, Evans' influence on the College of Human Medicine started back in 1952 when he first met the dean, Andrew D. Hunt Jr., and the two men began idea sharing off each other.

Evans was then executive associate for medical affairs of the Commonwealth Fund and Hunt was at Hunterdon Medical Center in Flemington, N.J., trying out such new ideas as "rooming in" for mothers of hospitalized children.

Evans began his medical career in 1922 when he received the M.D. at Washington University. After completing residency in pediatrics, he became medical director of a child health demonstration project in North Dakota and later of a similar project in New York City.

He joined the Commonwealth Fund in 1928, a time when it was perhaps the nation's leading provider of funds for health care and medical research. For example, the fund supported construction of new hospitals in rural areas and basic research by such men as George Papanicolaou for whom the now-common "Pap smear" test is named.

It also supported the early research of one of MSU's most prominent scientists, Frank H. Huddle, and through him, the graduate education of Alfred Hershey, MSU's first alumnus to win a Nobel Prize.

After World War II, when new medical schools were started and a few older schools began making significant new changes in their curriculum, Evans became increasingly involved with medical education.

As the Commonwealth Fund helped to support the new schools and to initiate major changes at older schools, Evans became the well acquainted with and a leading exponent of new concepts in medical education.

Evans left his position from the fund in 1959, continued to visit and consult at several medical schools as well as the National Institutes of Health, the World Health Organizations and other agencies.

MICHIGAN STATE's entry into medical education was of special interest to Evans. When he gave the commencement address at the first occasion of the College in 1966, he said:

"Like many other land grant institutions, if (MSU has a long tradition of social leadership based on quality teaching and research. But unlike many institutions of higher education, land grant or other, public or private, it displays all the characteristics of a research institution, young, growing organism--iniquitousness, quickness, caution, constant change, he said.

He later demonstrated his loyalty at annual meetings of the Association of Medical Colleges where he was well known to all and could have identified himself in any number of ways.

But during the period 1966 to 1969 while serving as a visiting professor, he always arranged for his name badge to read "I'm Lester Evans, M.D., Michigan State University."

--CHARLES R. DOWNS

P.E. change implemented

The Assistant Dean Group has announced procedures to implement the action eliminating the three-credit physical education requirement for a bachelor's degree.

The procedures are:
1. Removal of the three-credit P.E. requirement is effective summer term.
2. "Instructional (activity)" courses taken as electives in the Department of Health, Physical Education and Recreation have been and will continue to be counted as part of the 180 credits for graduation. But any student who has completed before summer term, 1971, or any more IPR "instructional" courses to meet the University's physical education requirement may petition the assistant dean of his college to exclude the credits and grade points in these courses from the credit requirements for graduation and from consideration of the final grade point average.

Student fee change begins

The requirement that there be a charge for credits taken in excess of 20 per term becomes effective this summer term.

Previously, a student who took more than 20 credits a term paid only for 20. This will be no longer permitted under terms of an action approved in May by the Board of Trustees. Present fees are $13 a credit for Michigan residents and $31 a term for nonresidents.

Commencement instructions

Date: June 13, 1971
Advanced Degree Commencement: 10 a.m., University Auditorium
Baccalaureate Commencement: 4 p.m., Spartan Stadium (Rain Plan - Jenison Fieldhouse)
ADVANCED DEGREE COMMENCEMENT
ASSEMBLY AND PROCEEDS: Members of the faculty will assemble and assemble the Members of the audience and the M.S.U. The guest faculty will be seated in the audience and will be seated in the front of the auditorium. Esrots will direct the members of the faculty to appropriate seats in the auditorium.

BACCALAUREATE DEGREE COMMENCEMENT
ASSEMBLY AND PROCEEDS: Members of the faculty in academic costume will assemble at 3:30 p.m. at the northeast entrance to the stadium. Members of the audience will assemble through the tunnels entrance to the stadium after the last degree candidates are seated on the field. Faculty members will remain standing while the platform party enters and until the prayer has been offered. It will add much to the ceremony if each faculty member, when seated will arrange his hood to hang over the back of the chair.

NOTE: Because of the artificial turf, smoking cannot be permitted on the field.

PLAN: Immediately following the presentation of the new graduates, the faculty will be seated from the field. In the event that rain interrupts the exercises, the program will be discontinued, this faculty will be entitled to take shelter in the conservatory.

JENISON FIELDHOUSE
ALTERNATE PLAN: In the case of doubt as to whether the exercises will be held in the stadium or in the fieldhouse, a decision will be made by the Commencement Committee at 12 noon. If it is decided that the exercises will be held in the fieldhouse, officials announcements to that effect will be made by Radio station WKAR and WKAR-FM frequent interval thereafter.

If the exercises are held in Jenison Fieldhouse, a special announcement to the faculty only that will not be held. Rather, the faculty may proceed, as to, at will, to the seats reserved for them. Academic costume may be donned in the classrooms.

PLEASE NOTE: It is IMPERATIVE that the faculty be in their seats BEFORE 4:00 p.m. when the procession of the platform party begins. Following the awarding of the last of the token diplomas to the new alumni, the faculty may leave at will.
Helping students "get in touch with their own creativity." 

Photo by Manmell and Greg Ryan, JMC freshmen.

EXPERIMENTS IN EXPRESSION is one in a series for JMC freshmen called Inquiry and Expression (I&E). The other three are writing courses, each with a different format as the student progresses.

All JMC freshmen are required to take the first course of the series (100) which concentrates on exposition, essays, reports, term papers, exams. They may then take two of the other three courses, including I&E 101, which is exposition, but "fresher, fresher," with essay writing and possibly some fiction, depending on student preferences and talents, according to Herman Struck, professor in JMC and director of the I&E program.

I&E 102 is also a writing course, but it is "wide open," Struck says, "limited only by what the instructor feels he can handle," which includes mostly fiction and personal essays and some poetry. (Sit in with instructor John C. Schroeder's class, discussing the current film, "Who's Afraid of Virginia Woolf?" They discuss their reactions to the movie - most found it depressing - and why they reacted in that way, remembering the sublimities, what they considered key moments and scenarios. Later they return to their own projects, primarily writing projects, with a classroom "show and tell" period, when they, too, use any medium they choose, including tape recordings and slides.

I&E 103 (Experiments in Use) provides the "widest form of expression," Struck says. Writing is included in script preparation, and expression may be involved in any way the students choose, including art, dancing, music, acting.

STRUCC STRESSSES what he calls "four somewhat remarkable features in combination" in the I&E series. These are:

1. A controlling theme for the year. This year's theme is values. Each term has a more specific theme. Fall was the year's theme of life and life styles, with such films as "Fon Jones," "Juliet of the Spirits," "The Knack," and "Who's Afraid of Virginia Woolf?"

3. Experiments in Expression, in the first course, using the videotape medium. There is no pretense at being professional with the medium, Struck says, "but we are just amature then we might be because of the two instructors, John Reid and Betty Dickinson, who have had a lot of experience with such classes." Three years ago Reid won a fellowship for a six-week program in videotape production at Wayne State University.

Small size of classes (maximum of 10 students per class), to "create an atmosphere of mutual help." College expenses are kept down by the willingness of the instructors to teach additional sections, Struck says.

The series also serves, Struck says, as a "super orientation program." Not only is it a basic program in which all freshmen are involved, but the films draw other JMC students, giving a basis of communication with other students in the college.

BEVERLY TWCHELL

Club opens membership drive

The University Club has launched a drive aimed at attracting the membership's membership to up to 1,200 - a total that would put the club on firmer financial ground.

Prison art on display

A group of 27 art works by inmates of the State Prison of Southern Michigan in Jackson is on display in the south corridor of Kellogg Center. The exhibit continues through June 18.

The year's show, the ninth annual, is the creation of 12 men, six of whom have shown their work in previous exhibits here. The show was arranged by William S. Gamble, associate professor of art who has been with the prison's art program since 1962. Items for the show were selected by Joseph Kuzair, associate professor of art.

To promote the membership drive, the board of directors voted to retain the present monthly dues ($17.50 plus, plus a monthly food and beverage minimum of $12.50), but to defer the present deposit of $225 for new members below the faculty rank of associate professor and the professionals - professional classification of A-P-6.

New members at associate professor and above or A-P-6 and above will continue to be assessed the $225 deposit, but payment of that amount may be spread over an extended period.

The membership drive will continue through Aug. 1, according to the board. The club also elected its officers for the 1971-72 season:

President - Barry Hildebrand; 
Vice President - W. W. Armisted, dean of veterinary medicine; 
Secretary - John Marston, professor of business administration; 
Treasurer - Clair Huntington, administrative assistant to the vice president for business and finance.
Distinguished Faculty Awards

MARTIN J. BUKOVAC, professor of horticulture, is a widely known teacher-scientist who has profoundly influenced the plant world by his fundamental studies of the foliar penetration of pesticides and the chemical modification. His research...has resulted in the granting of two patents on the control of tree growth. A popular and highly respected teacher and adviser of undergraduate students, he has also directed the programs of many graduate students."

M. RAY DENNY, professor of psychology, has "an outstanding record in the classroom and the research laboratory. As a specialist in the psychology of learning, he has applied many of his own research discoveries to the teaching process in his own courses. His discoveries have been applied with unusual success to the problems of training the mentally retarded."

M. LOIS CALHOUN, professor of anatomy, whose "unusual abilities were early recognized...In 1948 she became chairman of the anatomy department...she served with distinction until 1967. Under her direction, a doctoral program was begun. Her work with disadvantaged American students and graduate students from underdeveloped countries has been especially successful."

ROBERT L. EBEL, professor of counseling, personnel services and educational psychology, "has achieved national recognition for his productivity and leadership in educational and psychological research, he believes his most important responsibility to be teaching...His classroom style is marked by humor, penetrating thought and a tolerant spirit..."

GERASSIMOS J. KARABATSOS, professor of chemistry, "has an international reputation in organic chemistry...has made important contributions to carbonium ion chemistry, nuclear magnetic resonance and other areas...a dedicated scientist who combines his knowledge with a humane spirit and a deep concern for both students and creative scholarship."

PAUL A. VARG, professor of history, "one of the leading scholars (on) the history of U.S. foreign relations...particularly noted for his penetrating studies of our foreign policy relations with China...to his students he is more than a man with extraordinary knowledge and experience; he is a friend and an advisor whose warmth and sympathetic regard they recognize and value highly."

Teacher-Scholar Awards

ALYNELLE S. AHL, natural science, "believes that the function of the instructor is largely one of inspiration and encouragement. She puts a great deal of energy into her work and has produced...experimental procedures designed to provide a genuine understanding of the nature of science and its application to society and the students' own lives..."

SAMPL S. CORL III, secondary education and curriculum, is "well-known...for transforming and revitalizing the general methods course for secondary education majors...In all his academic relationships, he is thorough, energetic and devoted to improving the work of teachers and future teachers..."

GEORGE E. DRUM, natural science, is a gifted teacher of general education science who is especially effective in illuminating the ties between science, philosophy and religion in the 17th century...constantly searching for new ways to communicate his enthusiasm and insight to undergraduates..."

RUTH HAMILTON, sociology, is "an unusually successful and popular teacher...an urban sociologist, she has also taught theory and minorities course...has communicated to her students her own commitment to serious learning and her enthusiasm for the classroom..."

PATRICIA JULIUS

CLIFFORD W. WELSCH, anatomy, "has made remarkable progress in the field of biomedical research in a relatively few years. His work is highly regarded by his colleagues...despite his busy schedule of cancer research, he gives every consideration to the educational welfare of his students..."
Excellence-In-Teaching

SUSAN ASCH, sociology, "conveys in the classroom an unmistakable sense of personal commitment to teaching. Her manner is one of enthusiasm and good cheer. Besides her excellent teaching, she has maintained a 4.0 grade point average throughout her graduate work..."

PHILIP BROXLEY, teacher education, "has had an important impact on the work of his department... particularly with psychological factors in the learning teaching situation and the teacher's role in motivating learning. His special concern has been to relate the educational experience of his students to a real life situation..."

JILL COHN, English, is "a remarkably talented, effective and imaginative teacher who develops an unusually high degree of student involvement... has helped to devise and teach an experimental freshman writing course as well as an advanced writing course and workshop for English teachers..."

PATRICK COURTS, English, is "an imaginative, extremely conscientious and unusually energetic teacher. He has made important contributions through the help he has given in the development of a new writing course for freshmen..."

JERRY HOWE, chemistry, is "a teacher-scholar who has already made notable progress in scientific research. As a teacher he has been especially effective in using his knowledge and scholarship to enrich his classes..."

JOHN K. SCHEIDT, statistics and probability, is "a superior teacher who genuinely enjoys his classroom experience. His patience in explaining and illustrating material and his concern with the individual student's progress contribute to a satisfactory classroom environment..."

Results of questionnaire sent to University faculty concerning distribution of salary monies. (Directions: Place in order of priority the three guidelines you feel should be utilized in distribution of any salary adjustment monies for 1971 - 72.):

<table>
<thead>
<tr>
<th>Choice</th>
<th>Weighted Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>2nd</td>
</tr>
<tr>
<td>Distribute across-the-board, equal dollar amounts for all faculty to help meet the cost-of-living increase.</td>
<td>146</td>
</tr>
<tr>
<td>Distribute across-the-board, fixed percent adjustments for all faculty to help meet the cost-of-living increase.</td>
<td>245</td>
</tr>
<tr>
<td>Improve the standing of the senior ranks (associate and full professors) relative to other Big Ten universities.</td>
<td>356</td>
</tr>
<tr>
<td>Improve the standing of 12-month appointments relative to 10-month appointments.</td>
<td>117</td>
</tr>
<tr>
<td>Reward on the basis of merit.</td>
<td>264</td>
</tr>
<tr>
<td>Improve fringe benefits.</td>
<td>12</td>
</tr>
<tr>
<td>Make no University-wide distinctions and allocate according to prevailing departmental and college practices.</td>
<td>25</td>
</tr>
</tbody>
</table>

1/ Derived by giving 3 points for 1st, 2 for 2nd, 1 for 3rd choice. 1295 returned of 2387 sent for 54%.
Grant and contract expenditures at Michigan State have gradually shifted over the years but have remained at a uniform level of approximately $22 million, according to the director of research and contract administration.

Howard G. Grider explained that international studies programs have experienced a major drop in support programs. In 1967-68 its expenditures were more than $3 million. The drop was doubled, however, to approximately $1 million last year.

The slack created by this drop was taken up by increases in health related research and natural science expenditures.

Grider noted, "Over the same three-year period, expenditures by the College of Agriculture for the new faculty appointment doubled, jumped from $906,000 in 1967-68 to more than $2 million in 1969-70."

"In the College of Natural Science, expenditures total $64 million in 1967-68 and are expected to exceed more than $6 million in 1969-70."

He explained that in other areas--

**Service divisions are merged**

As Michigan State has grown in the past 10 years, its service divisions have been hard pressed to keep pace with the expansion. One step to improve operations was taken June 1 with the reorganization of the University Services Division.

The new University Services Materials Management Division was created by merging the administrative base for purchasing, stores, messenger service, university printing department and central steamplant department.

Director of the division is John Lewis, former administrative assistant of business procedures at the finance and Tre Simon, director of physical plant.

In November, 1970, Emery G. Foster, assistant vice president of business operations, appointed a task force to submit recommendations for the future of the university's service divisions.

One recommendation was the close coordination of purchasing, stores and delivery into a total materials management concept. This would create a continuous administrative structure from the ordering of a product to its delivery to the user.

**Health survey returns due**

The 1,250 persons who have received the questionnaire regarding medical service are urged to return those questionnaires to the Urban Survey Research Center as soon as possible. The questionnaires were sent to a stratified sample of persons involved with the University, including students, faculty and employees, to aid in a study of the feasibility and desirability of a prepaid health program at MSU.

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CONFERENCES

EARLY REGISTRATION Readmitted students and students who participated in early enrollment for the 1971 Summer term are eligible to complete early registration, including the payment of fees. Students with continuing University Scholarships and, or loans will receive credit upon payment of fees. Early registration will be held June 8, 9 and 10 in the Men's I.M. Bldg. Course sections required on the Registration Section Request Form will be reserved through early registration only.

WOMEN'S BOWLING Openings are available for Fall term bowling with the MSU Women's Bowling League. Competition for beginning to advanced bowlers starts 5:45 p.m., Wednesday, Sept. 29. For additional information, contact Pat Timmer, 339-8176.

GRAD ASSISTANT FORMS Graduate Assistant Appointment Recommendation forms for summer term are due in the Budget Office, 423 Administration Bldg. by noon, Tuesday, June 15. All forms received before the deadline will be processed for the July 15th payroll.

HORIZONS ON WKAR On Horizons this week, the MSU Broadcasters' Guild presents 'Vietnam Veterans Rehabilitation' in which the problems of the Veteran's readjustment to civilian life, home, and job are examined. Horizons is aired at 5:30 p.m. Saturdays on WKAR-AM (870 khz).

VOICE AUDITIONS Those interested in participating in a production next fall by MSU's Opera Workshop may audition from 7 to 10 p.m. Wednesday, June 9, in the Music Auditorium. Specific audition times can be reserved by signing a reservation sheet posted by Room 105 Music Bldg. Those wishing to participate in the productions must sign up for the Opera Workshop next fall term. For further information, contact Mrs. Leona Witter or Dennis Burkh in the music department.

EXHIBITIONS

Kresge Art Center

Main Gallery: Works from the permanent collection.

Entrance and North Gallery Through June 13: Works in various media by Master of Fine Arts candidates at the conclusion of two years of graduate study.

Gallery Hours: Monday-Friday, 9-12 a.m. and 1-5 p.m.; Tuesday, 7-9 p.m.; Saturday-Sunday, 2-5 p.m.

Beal Garden

Rhododendrons and azaleas north of Library and Sleepy Hollow.

CONFERENCES

FRIDAY, JUNE 4, 1971

Sonomatotopic organization of mechanoreceptor projections to the cuneategracile nuclear complex in the opossum, *Didelphis marsupialis*. Thomas C. Hamilton. 1:30 p.m., 136 Chemistry. (Biophysics).

Particle capture reactions at astrophysical energies. James Toews, Hope College. 4:10 p.m., Cyclotron Seminar Room. (Physics).

Autoregulation of oxygen supply in hypovolemic shock. Denis F.J. Halmagyi, U. of Sydney, Australia. 11 a.m., 216 Giltner Hall. (Physiology).

MONDAY, JUNE 7, 1971

New potentials in medical research. Thomas Jenkins. 7:30 p.m., 102 North Kedzie. (Navel Research Reserve).

DIPLOMAS

Diplomas for Spring term graduates will be available for pickup as follows:

- Advanced Graduate degrees — beginning June 28 — 150 Hannah Admin. Bldg.
- Master degrees — beginning July 6 — 150 Hannah Admin. Bldg.
- Bachelor degrees — beginning July 19 — 50 Hannah Admin. Bldg.

Diplomas will be released only to the degree recipients upon presentation of identification. Diplomas not picked up by August 2 will be mailed.

"COEDS" ON CAMPUS The annual College Week for Women will be held June 15-18. Theme of this year's event, open to any Michigan woman, is "Living Creatively with Change."

The temporary coeds may live in Hubbard Hall or commute to mini-classes and special programs. They may choose any three classes from 20 topics. For more information, contact Wilma Miller, 5-7685.

NAVAL RES. SEMINAR Former Naval Officers are invited to become members of the Naval Reserve Seminar to attend meetings twice month on scientific and educational matters. Retirement points are obtained through attendance and opportunity is provided for 2 weeks active duty a year in government scientific offices or laboratories. For information, call Dr. Maynard Miller, Department of Geology, 3-7862.

GAMUT ON WMSB The MSU Broadcasters' Guild presents "The Second Coming, Part II" on Gamut Saturday. The film, 'Throwing Off,' produced by Jack Epps, a local MSU student, will be shown. The film was the first place winner in the recent film festival. Blythe Cayler will interview Epps and Ali Issari, head of film production at the instructional media center. Gamut can be seen at 10:30 a.m. Saturdays over WMSB-TV, channel 10.

I.M. LOCKER RENEWAL Faculty and staff intramural lockers may be renewed until June 10. Those lockers not renewed will be cleaned out after June 10.

FEATURED CAMPUS PLANTINGS

Rhododendrons and azaleas at International Center and Wells Hall.

HIDDEN LAKE GARDENS, Tipton, Michigan

Flax is prominent among the wildflowers blooming in the meadows. Plants native in the tropics and in the arid regions are year around features in the plant conservatory. Open daily 8 a.m. to sundown.

SEMINARS

FRIDAY, JUNE 4, 1971

Sonomatotopic organization of mechanoreceptor projections to the cuneategracile nuclear complex in the opossum, *Didelphis marsupialis*. Thomas C. Hamilton. 1:30 p.m., 136 Chemistry. (Biophysics).

Particle capture reactions at astrophysical energies. James Toews, Hope College. 4:10 p.m., Cyclotron Seminar Room. (Physics).

Autoregulation of oxygen supply in hypovolemic shock. Denis F.J. Halmagyi, U. of Sydney, Australia. 11 a.m., 216 Giltner Hall. (Physiology).

MONDAY, JUNE 7, 1971

New potentials in medical research. Thomas Jenkins. 7:30 p.m., 102 North Kedzie. (Navel Research Reserve).

Effects of drugs on growth of DMBA-induced mammary tumors. James L. Clark. 4 p.m., 216 Giltner Hall. (Physiology).

TUESDAY, JUNE 8, 1971

Mercury toxicosis in calves. R. Herigstad. 4:10 p.m., 346 Giltner Hall. (Pathology).

Studies on the teratogenicity of the herbicide 2-sec-butyl-4, 6-dinitrophenol in mice. James E. Gibson. 4 p.m., 334 Giltner Hall. (Pharmacology).

Self-decomposable probability measures on Banach spaces. Arun Kumar. 4:10 p.m., 405A Wells Hall. (Statistics & Probability).

WEDNESDAY, JUNE 9, 1971

Latest developments in comparative bone healing. Terrance Braden. 7:45 a.m., 5123 Veterinary Clinic. (Small Animal Surg. & Med.).
### CREATIVET WRITERS
The Faculty Folk Creative Writers will hold its luncheon and final meeting of the year at 12:30 p.m., Monday, June 7 at the University Club.

### FINAL GRADES
Final grades for basic courses will be picked up by the Office of the Registrar 11 a.m. Monday, June 7. All other final grades are due in the office of the Registrar, 150 Hannah Administration Bldg. 36 hours after the final examination is given. All grades are due by 11 a.m., Tuesday, June 15. The Office of the Registrar will make pickups from departmental offices each morning after 9 a.m. and each afternoon after 2 p.m. beginning Thursday, June 10. The final pickup will be made starting at 8 a.m., Tuesday, June 15.

### FELLOWSHIP PAYROLL
Since many fellowship students will be leaving Campus soon after final exams, the fellowship payroll, due on June 15, 1971, will be issued and distributed at 8 a.m. Friday, June 11.

### FOOD STORES INVENTORY
Food Stores will be closed Friday, June 25, for inventory. Orders for merchandise to be charged to departmental accounts for the current fiscal year must be received not later than Wednesday, June 23, for processing before inventory begins. Merchandise dispensed to all departments beginning Monday, June 28, will be billed as July business.

### U. CLUB CHANGES
Effective June 6, the University Club will discontinue the Saturday noon luncheons in the main dining room. The club will, however, continue to serve noon luncheons on Mondays.

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**BULLETINS**

**INTERIM INFO.**
A Calendar of Events (calendar items, bulletins, seminars, etc.) will be delivered June 17 to cover the period June 18-July 3, inclusive. Notices for that issue must be submitted to Sue Smith, 109 Agriculture Hall no later than 5 p.m., Tuesday, June 15. This one-page sheet will cover events between issues of the News-Bulletin. The first issue of the summer paper will be published July 1. Material for that issue should be submitted by June 29.

**LIBRARY MATERIALS**
Lists of assigned reading materials for the summer session should be submitted as soon as possible to the appropriate section of the library. Timely submission of lists for the five week summer half term is particularly important since those received after classes begin may not be completed in time for the midterm examination period.

**YEARBOOK AVAILABLE**
Departments and individuals who have not yet ordered their copy of the 1971 Wolverine may do so until Friday, June 11. Send orders to Wolverine Sales, 30 Student Services Bldg.

**BOARD MEETING**
The Board of Trustees will hold its June meeting at 10 a.m., June 18 in the Board Room, Hannah Administration Building.

**BOARD MATERIAL DUE**
Items to be included in the agenda for the July meeting of the Board of Trustees must be in the Provost's Office or the Executive Vice President's Office by noon, June 25.

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**Calendar of Events**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Friday, June 4, 1971</td>
<td>Performing Arts Company (PAC)—One of three plays in repertory will be &quot;The Country Wife,&quot; Tickets, $2, available at the Fairchild boxoffice weekday afternoons and one hour before performances. Fairchild Theatre.</td>
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<tr>
<td>Friday, June 4, 1971</td>
<td>Planetarium Program—&quot;Stardust&quot; looks at scientific ideas regarding the origin of elements, tracing events to the surface of the earth. Abrams Planetarium.</td>
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<td>Friday, June 4, 1971</td>
<td>Concert—&quot;Evening of Graduate Premier Compositions&quot; will feature the Symphony Orchestra and Jazz Band. Loris Chabanian will appear as soloist for his composition, &quot;Concerto for Guitar and Orchestra.&quot; Union Lounge.</td>
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<tr>
<td>Monday, June 7, 1971</td>
<td>Submission of lists for the midterm examination period must be submitted to the Union Ticket Office, Marshall's, State Discount and Lam's. Shaw Little Theatre.</td>
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<tr>
<td>Tuesday, June 15, 1971</td>
<td>Planetarium Program (see June 4). Abrams.</td>
</tr>
<tr>
<td>Friday, June 11, 1971</td>
<td>Planetarium Program (see June 4). Abrams.</td>
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<tr>
<td>Monday, June 14, 1971</td>
<td>Planetarium Program (see June 4). Abrams.</td>
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<tr>
<td>Wednesday, June 16, 1971</td>
<td>Planetarium Program (see June 4). Abrams.</td>
</tr>
<tr>
<td>Thursday, June 17, 1971</td>
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<td>Friday, June 18, 1971</td>
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