Final TIAA-CREF clinics set Nov. 29-30

Final TIAA/CREF enrollment clinics will be held for clerical - technical and hourly employees in the Con - Con Room of the International Center Nov. 29 and 30.

Employees who have been unable to attend the "Group B" clinics and who are between the ages of 35 and 55 (as of Jan. 1, 1973) with three years of service should make arrangements to attend a special set of clinics Wednesday morning, Nov. 29. Participation in TIAA/CREF for these employees is required.

Clinics have also been planned for employees for whom participation in TIAA/CREF is optional. These include full - time employees who will have three years of service and are under 35 years of age as of Jan. 1, 1973, and part - time employees (30 per cent or more) who have five continuous years of service as of Jan. 1, 1973.

Employees wishing to enroll must bring a birth certificate or other proof of age. Due to the large number of employees who wish to enroll in TIAA/CREF, the Personnel Office requests that employees attend clinics other than the one for which they are scheduled only if it is impossible to attend the assigned clinic.

All employees should check with their supervisors before attending a clinic.

**MSU Foundation approved**

The University took a major step toward attracting more private financial support Friday, Nov. 17, when the MSU Board of Trustees approved the creation of the Michigan State University Foundation.

Articles of incorporation will be filed with appropriate state agencies in the near future and the foundation is expected to begin accepting gifts on behalf of the University within a year.

"The MSU Foundation will provide our overall development effort with significantly more flexibility," says Leslie W. Scott, vice president for development.

"It will allow us to accept and manage assets that are not generally available to the University itself."

The private foundation would serve the University as its sole beneficiary, though legally it will be a separate entity. Such foundations are features of most other major state universities in the country.

The foundation will be able to accept such assets as land and trust funds, manage them, and turn them over to the University for research and academic programs.

Vice President Scott said a managing director and a 16-member board of directors for the new foundation would be selected in the near future.

**Groups face light agendas**

A friendly amendment to the interim grievance procedure will be on the agenda for both the Elected Faculty Council and the Academic Council when the groups meet Tuesday, Nov. 28. The Elected Faculty will meet at 3 p.m. and the Council at 3:15 p.m. in the Con Con Room of the International Center.

The amendment, to clarify the composition of the Appeals Panel, was proposed by Trustee Patricia Carrigan at the September meeting of the MSU Board of Trustees.

It modifies Section 3.8.7.4, and states that "three faculty members shall be selected by the Faculty Tenure Committee from its membership followed by the selection of two faculty members selected at random from the University Appeals Board so that the resulting Appeals Panel shall consist of three tenured and two non-tenured faculty members."

The amendment has been approved by the University Tenure Committee. The Council will vote on the amendment if it is approved by the Elected Faculty Council.

The remainder of the Council's agenda is light with a curriculum committee report and a report by President Wharton on the organization of the Elected Student Council.
Retirements approved for 15

The Board approved 15 retirements at its Nov. 17 meeting. These include: LOUIS A. DOYLE, professor and associate dean of continuing education and administration and higher education, one-year consultanship and retirement as professor emeritus effective July 1, 1974. Doyle has been a member of the faculty since 1954.

MARY FORTINO, cook, Union food service, effective Jan. 1, 1972. Mrs. Fortino has been employed by the University since 1950.

STUART A. GALLACHER, professor of German and Russian, one-year consultanship and retirement as professor emeritus effective July 1, 1974. He has been a member of the faculty since 1948.

W. A. GOLDBERG, professor of criminal justice, retirement as professor emeritus effective July 1, 1973. He joined the faculty in 1967.

JOHN H. HARRISON, professor of history, one-year consultanship and retirement as professor emeritus on July 1, 1974. He joined the faculty in 1944.

RALPH H. HENRIKSEN, professor of art, one-year consultanship and retirement as professor emeritus on July 1, 1973. Henriksen became a member of the faculty in 1946.

ROSALIND H. MILLER, professor and assistant dean of human ecology, one-year terminal leave and retirement as professor and assistant dean emeritus effective Sept. 1, 1974. She joined the faculty in 1948.

CHARLES C. MORRILL, professor and chairman of pathology, one-year terminal leave and retirement as professor and chairman emeritus effective July 1, 1974. He joined the faculty in 1948.

KEITH B. ODE, associate professor and director of overseas study, Continuing Education Services, one-year terminal leave and retirement as associate professor emeritus on July 1, 1974. Ode joined the faculty in 1949.

ESTELLA R. PORTER, clerk, office of the Registrar, effective Jan. 1, 1973. She has been employed by the University since 1956.

KARI L. SCHULZE, associate professor of civil and sanitary engineering, retirement as associate professor emeritus as of July 1, 1973. He joined the faculty in 1955.

ARTHUR W. SIRIANNI, associate professor of Romance languages, one-year consultanship and retirement as associate professor emeritus effective July 1, 1974. Sirianni has been a member of the faculty since 1947.

STEPHEN G. STEVENS, assistant professor of engineering instructional services, one-year consultanship and retirement as assistant professor emeritus on July 1, 1974. He joined the faculty in 1955.

W. LOWELL TREASTER, professor and director of Information Services, one-year terminal leave and retirement as professor and director emeritus effective July 1, 1974. He joined the faculty in 1944.

VIOLET M. SMITH, kitchen sanitation technician, Mason-Abbott Hall, disability retirement, effective July 1, 1972. She has been employed by the University since 1949.
The State ranks 5th in funding

Michigan ranks fifth in the country in total state appropriations and 15th in per capita funds allotted to higher education, according to a nationwide survey of state higher education appropriations prepared by M. M. Chambers of Illinois State University for the Chronicle of Higher Education.

Like the country as a whole, the growth rate in state spending on higher education has dropped considerably in Michigan during the last two years, but not as dramatically as it has in most other states.

Michigan’s total higher education appropriation for 1972-73 of $417,815,000 placed the state behind only California (with a budget of slightly over $1 billion), New York, Ohio and Texas.

On a per capita basis, Michigan taxpayers contribute $46.68 to higher education compared to a national average of $41.46. Hawaii and Alaska have the highest per capita appropriations with $84.95 and $73.75 respectively, and New Hampshire ranks last with $16.79, more than $10 below 49th ranked Massachusetts with $26.79.

The most significant fact to emerge from Chambers’ analysis is the decline in the growth rate of state appropriations. Between 1968-69 and 1970-71, expenditures for higher education throughout the country expanded by 39 per cent. During the last two fiscal years, it grew by only 23 per cent, a 16 per cent drop.

Michigan’s appropriations growth rate for the same two periods declined 9 per cent, from 31 per cent to 22 per cent.

Among Michigan’s 13 state - supported colleges and universities, MSU experienced the third - lowest appropriation growth rate during the last two years - 17 per cent. Only Eastern Michigan University and Ferris State College with a 14 per cent change were lower.

Grand Valley State College with a 78 per cent increase in appropriations over the last two years and Oakland University with a 45 per cent increase experienced the highest appropriations growth rates in the state.

New text lists deficiencies

Professionals in agriculture throughout the world are usually well - outfitted with an "urban and academic background," and as a result they have a hard time constructing extension education programs that serve the needs of rural people.

This is the contention that two agricultural specialists - one of them from MSU - make in a new book that examines agricultural extension education in 12 nations, including the United States, Great Britain, Japan, India, Pakistan and Nigeria.

The authors are George H. Axinn, MSU professor of agricultural economics, and Sudhiraker Thorat, who earned the Ph.D. at MSU and is now professor at Mahatma Phule Agricultural University in Poona, India. Their book is called "Modernizing World Agriculture: A Comparative Study of Agricultural Education Systems" (Prager Publications, New York).

They say that agricultural professionals are versed in technology, and so they tend to work for "governments, schools, banks, and agricultural industry." "Throughout the world," Dr. Axinn says, "they tend to despise the farmer - the cultivator. This makes it very difficult for them to design and implement extension education programs that fit the needs and interests of rural people."

The two authors say that their focus is on "the hundreds of millions of people who till the soil and manage the livestock, and who literally feed and clothe us all."

"Most of the people on this earth live on the land and struggle to survive," they add. "Life is tough, work is hard, and amenities are few. But life has its quality too. The sun is warming, the air is clean, and the Gods seem near . . ."

Doctors support MSU study

The Michigan State Medical Society (MSMS) is supporting efforts by MSU’s College of Human Medicine to determine the feasibility of setting up community - based medical training programs in the Upper Peninsula.

At a recent meeting of the MSMS House of Delegates, the organization went on record to endorse and offer assistance to the feasibility study. The delegates also voted to encourage MSU to recruit qualified students from rural Michigan for the proposed program.

MSU recently received a federal grant to study the feasibility of using Upper Peninsula colleges, universities, hospitals, clinics and physicians to teach medical students and other health professionals to help alleviate a shortage of physicians.

The resolution endorsing the MSU study was introduced by Eacanas physician Donald Fitch, who told the delegates that "there are many trained, experienced doctors and nurses who are qualified to establish medical training programs in the Upper Peninsula."

He also pointed out that, with only one physician for every 1,284 residents the Upper Peninsula is well below the national average of one doctor for every 761 persons.

Driving and drinking don't mix

We must educate today’s driver on how to drink and drive more safely.

That’s the paradoxical contention of Dr. J. Robert Howenstine, assistant chief of the Crime Prevention Laboratory, Michigan Department of Public Health.

Alcohol warps the judgment of even the experienced driver, and it poses great danger for the 488,000 Michigan 18 - to 20-year olds who are able to drink legally for the first time, Howenstine told Michigan women highway safety leaders meeting last week in Kegel’’s Center for Continuing Education.

"Safety experts are pretty much agreed that it is pointless to tell the public not to drink and drive, because people do it anyway; a more practical approach is to educate the public on how to drink and drive more safely," he declared.

He explained that a federally supported study shows that two - thirds of American adults drink; that 41 percent of them are light to moderate drinkers; 12 percent, heavy drinkers, and 15 percent, infrequent drinkers. And most adults drive, he said.

"The inexperienced driver needs to know what effect a given amount of alcohol will have on him and on his driving, before he drinks and becomes involved in a traffic. Howenstine told the safety leaders.

"Unfortunately, one of the first effects of alcohol is to impair their judgment, including the ability to evaluate one’s own actions or to make decisions on how much more to drink."

Howenstine underscored the danger to the young driver who "attempts to handle alcohol at the same time he is "learning to determine braking distances, proper acceleration, how to judge distances and passing speeds and how to react to complex traffic situations in split seconds."

Chorale to give concert

The Christmas season will be ushered in musically in mid-Michigan when the MSU Chorale performs Handel’s "Messiah" at 8:15 p.m. Monday, Nov. 27, in the Music Auditorium.

Under the direction of Robert Harris, the University Chorale will perform part one of the "Messiah" - the first 21 movements. This section, which runs about an hour, is complete in itself and deals with the prophecy and birth of the Christ child.

"The Messiah" is probably Handel’s most inspired and definitely his most popular work," said Harris. "It is seldom performed in the way Handel conceived it. It was not written for a large chorus and symphony orchestra, but rather for a smaller performing force."

The performance will involve the 25 - voice University Chorale and a 14 - piece chamber orchestra which will include oboes, bassoon, strings and harpsichord. But it will also employ some of the vocal techniques of the Baroque period.

"In the Baroque period," said Harris, "vocal soloists would ornament the arias written by Handel and other composers. This added a certain flourish and individuality to the performance and demonstrated the skill and vocal technique of the singer."

The ornamentation, Harris explained, is not a continuous improvisation as in jazz, but rather an occasional embellishment of the melodic line.

This is the University Chorale’s third season and Harris says he has seen growth and improvement each year. "Standards are higher, and I am more selective in choosing voices. I try to take a professional approach in training this ensemble."

The group includes mostly graduate students.

Several off-campus appearances are scheduled for the group this season, including concerts at Oakland University, the University of Western Ontario and a performance of the “Symphony of Psalms” with MSU’s State Singers and the Battle Creek Symphony.

The performance is open to the public without charge.

Subantarctic grant renewed

MSU botanist Henry A. Imshaug has received a $31,200 renewal grant from the National Science Foundation (NSF) for his research in the subantarctic, a region just north of the Antarctic Circle.

The continuing NSF grant has supported his trips to the subantarctic where he explores islands off New Zealand. He searches for and collects lichens, moss-like plants which are fungi mixed with microscopic algae.

The MSU scientist is seeking a relationship between the remote islands and continental drift by studying the plants as evidence for the link.

"We’re trying to view as many of these remote islands as possible," says Dr. Imshaug.

"The islands probably have been closely linked with South America and its islands. We have found that the plants of the islands of New Zealand and Chili are quite similar."

The National Science Foundation is also sponsoring drilling expeditions in the same region for supporting clues to the continental drift.

HENRY IMSHAUG
Teaching only one of Crane's hobbies

The Two Cultures — Flower’s Eye View

Art cuts rose at the stem
Waves, arranges, admires them
Science searches and collects
Cuts, splits open, and inspects
Art’s rose in splendid waste,
A marvelous joy and triumph.
The roses of science also die
That botanists must classify.
If truth is beauty I suppose
It’s little difference to the rose.
Though poets, roses must reflect,
Would rather murder than desist.

— Maurice Crane, “Overture,” June, 1971

Maurice Crane considers himself “the luckiest guy in the world.” The reason, he says, is because he doesn’t have a “job.” Although University records have him labelled as a professor of humanities, Crane says the title doesn’t indicate work, but a hobby.

“Teaching, music and writing poetry are my hobbies,” he says. And by all indications, especially from students, he is successful in all of his hobbies. “I get excited about Biblical characters and update them for the students into modern terms,” he says. “I also teach musicals, plays, and jazz history all in one lecture.”

Additionally, according to Crane, he doesn’t believe in talking down or up to any of his students. “But each student should get something out of my lectures whether he has an I.Q. of 84 or 184,” he adds. “Each student comes to the University with a vessel to be filled. And no matter if it is a short glass or a 12-gallon jug, the student should leave the University with it full.”

Crane says that not only does he like students, but he believes them to be human beings.

LINDA WAGNER, professor of English, has recently been elected to the Board of Directors for the Midwest Literary Association. She also published two essays on Hemingway’s novels, one in the current Journal of Modern Literature, the other in Journal of Narrative Technique.

WENDELL WESTCOTT, associate professor of music and MSU Carrylsson, has completed a full complement of seven campanological articles to appear in the next edition of the Encyclopedia Britannica. He has recently appeared in Carroll concerts at the University of Eastern Kentucky; Rees Memorial Carillon at Springfield, Ill.; Green Bay, Wis.; New Britain, Conn.; and in Bloomfield Hills, Mich.

KARL T. WRIGHT, professor emeritus of agricultural economics, is currently in Tokyo, Japan, helping to plan a symposium on developing agricultural productivity in Asian countries.

OLAF MIKELSEN, professor of food science and human nutrition, was honored recently for his active interest in water as a basic element of human nutrition that dates back to World War II. Mikelsen received the newly established Emmet J. Culligan Award for “outstanding contributions and dedication to the preservation and improvement of water quality for the benefit of man and his environment.”

SUE ANN VOYANOVIC, field services coordinator for the regional Instructional Materials Center for Handicapped Children and Youth, has been selected to appear in the 1972 edition of “Outstanding Young Women of America” in recognition of outstanding ability, accomplishments and service.
Investor, consumer policy outlined

At its Nov. 17 meeting, the MSU Board of Trustees approved a policy spelling out the University's role as an investor and consumer. The full text of that policy is printed below.

The University as Investor and Consumer: Social Responsibility in Business Affairs

The University as a corporate entity carries on business affairs including investing, purchasing, employing people, acting as a landlord for University housing, and deciding (University) land use policy. These and other necessary business activities affect the neighboring community, the state, and the nation. It is essential that the University consider these effects on the community as it manages its affairs.

Elements of a General Philosophy on University Business Affairs

The major purposes of Michigan State University are education, research, and public service. The University has an obligation to seek and disseminate knowledge and understanding. In carrying out these primary functions, the University will inevitably have an impact on the social, economic, and political institutions within the society of which it is a part, but the University's functioning can be neither motivated nor directed by political ends.

The major aim of the University in its business affairs is to support the academic role of the University. The University must seek to maximize cost effectiveness relationships to best support these primary functions. To do otherwise is to negate the role that society at large has prescribed.

As a publicly chartered institution, Michigan State University should exhibit social conscience and should act accordingly in the conduct of its own business affairs.

Individuals or groups within the University community who wish to question University business actions or influence its business policies should have an opportunity to do so.

Most decisions, of course, are routine in nature and should be expedited to serve the University community. Yet, provision needs to be made for careful consideration of special cases and circumstances whenever they arise.

Public interest questions are typically complex and often impossible for obtaining consensus. Information required for treating such questions is difficult and costly to obtain, and, often, is highly subjective.

The University is a very large and complex community--its constituency is even more so, as many competing interests are represented. For Michigan State University to become an advocate of a particular group opinion carries risk of loss of effectiveness in its research, teaching, and service functions.

Recommendations on University Investments. A. Guidelines.

1. The University cannot and should not be expected to police a large number of public corporations in which it has investments. It can and should seek to avoid any visibly negative investments; and it can and should evaluate holdings in rare cases when evidence is presented that re-evaluation is appropriate.

2. The performance of investment counselors who advise the University on the investment of its funds should be reviewed periodically. Performance should be assessed primarily upon optimal investment criteria such as returns and risks. The investment counselors shall be informed of these guidelines. However, the University may choose not to follow the advice of investment counselors for reason of social responsibility, among others.

3. The complexity of questions that are likely to arise prohibit establishing specific criteria for judging social responsibility. Questions arising will have to be examined individually.

4. The responsible officials of the University, or their designees, shall vote all proxy statements and cast a vote on all issues presented, subject to approval by the Board of Trustees.

B. Implementation.

1. The University Business Affairs Committee shall have the responsibility for reviewing the social performance of any company included in the investment portfolio and which is brought to the attention of the University as not performing in a socially responsible way. Upon completion of the review, the committee shall have the responsibility of making recommendations regarding the status of the company's continuance in the University's portfolio to the appropriate University official.

2. The committee may initiate a review when some individual or group within the University requests it and is ready to support its claims with information and research regarding the firm in question.

3. Representatives of any company being reviewed will be informed of any complaint against the company and will be invited to defend its social performance before the committee.

4. Voting of proxies will normally support management on routine matters. When SEC approved proxy solicitation does arise concerning aspects of social responsibility with support from an individual or group within the University, the solicitation shall be referred to the University Business Affairs Committee for review and recommendations to the responsible University officials.

Futuristic center services MSU

The year isn't "2001." There's no "Space Odyssey." And there isn't an electronic "Hal."

But like the fantasy movie tale of computer control, the MSU data processing center seems like something out of the future.

Located in the basement of the Administration Building, the center is a maze of machines, offices and people--all in constant activity.

It's this activity that produces approximately 299,304 paychecks for the University last fiscal year. It's this activity that processes approximately 640,000 grade cards for students each year. It's this activity that makes the campus telephone directories possible.

Frank Martin, who has been with the University for 34 years, heads the center. He saw the department become updated from tabulating machines in 1938 to computers in 1963.

Three generations of computers have serviced the University in the last nine years. The newest generation of equipment, the IBM 370/155 line, will be installed in the center next work.

"This generation of equipment is more advanced and has more capacity and storage terminals than the equipment we're now using," Martin says.

In expectation of the new equipment, 42 of the center's 70 staff members have been receiving upgraded training.

The department is basically organized into a systems and programming division and an operations division. Each division serves the three major "user" areas.

These are university business, student records and the university general.

During 1971-72, more than 24,900 hours of production time were produced by the systems and programming group.

The center is supported equally by the offices of the vice presidents for finance and the provost under which the three main user areas come. Other departments or colleges who might have a "special project request" are serviced on a charge basis.

The facility operates 24 hours a day five days a week. Additionally, one computer operates on weekends.

Ronald Soltis, documents and research supervisor, explains that over the weekends, the computer basically serves such areas as the University's telephone office.

"The campus operators can, by using a program code, instantly find a person's listing in the directories. The listing is transmitted on a tube similar to a television screen," he says.

According to Soltis, these teleprocessing tube screens are located in various other University offices, such as accounting.

Program codes can be changed hourly, daily or as often as required to provide security.

Security is important to the data processing center because of the vast University records contained in the facility.

Martin explained that as a security measure, records are also stored in other locations in a two-country area surrounding the University. "That's in case a tornado or fire damaged the files in the center," he says. "However, the master tapes are contained in a fireproof vault that will protect them up to 4,000 degrees."

Information in the center is stored on cards, tapes or disks. The disks resemble long playing records and are stored in packs in a disk storage facility. Each pack has 20 recording sides for information. The packs revolve at a speed of 2,400 revolutions per minute. "They revolve at such a speed it appears that they aren't moving at all," Soltis says.

To retrieve information, in addition to the teleprocessing, a printer is used. Similar to a typewriter, a printer can produce 20 lines per minute.

The center also is equipped with off-line (non computer) machines. These include collodiers, tabulators, reproducers and sorters.

SANDRA DALKA
The Board recap

All items approved at year-end meeting

The University's role as an investor and consumer, the creation of a private foundation to accept funds on behalf of the University, and Duffy Daugherty's appointment as assistant to the vice president for development were items added upon by the Board of Trustees at its Nov. 17 meeting. It was the last meeting of the year.

DELE A. D. AN INVESTOR

The policy statement on MSU as investor and consumer, including its social responsibility, was approved by the Board by a 7-1 vote. Trustee Warren Huff opposed the motion.

The policy provides that individuals or groups from within the University may ask for a review of any company in the MSU portfolio or may raise a question on a proxy vote, when social responsibility is involved.

Such matters would be referred to the University Business Affairs Committee for review and recommendations.

Huff said that he is opposed to a committee being involved in the procedure because the University "has a monstrous committee system" and because of the dollars spent for faculty time on committees.

The business affairs committee is a standing committee of the Academic Council, which includes 14 faculty members and 7 students.

"We have highly paid administrators perfectly capable of making the decisions," he said, "and there is no need for a committee."

Roger Williamson, vice president for finance, said that the committee only serves in an advisory capacity and the administration makes the decisions.

PERSONNEL ACTIONS

The Board accepted the resignation of Hugh Duffy Daugherty as MSU head football coach after 19 seasons and appointed an assistant special assistant for vice president for development. (See related story)

The Board passed a resolution introduced by Trustee Truclidean Martin lauding Daugherty for his long and distinguished service to the University. Trustees Patricia Carrigan and Frank Hartman also praised the MSU coach.

Trustee - elect Jack Stack, however, requested permission to address the Board and expressed his displeasure that Daugherty spoke against Proposal B on local television the day before the Nov. 7 general election. (The proposal, which was defeated, would have broadened consumer rights in the state.)

Stack, invited to participate in the discussion, said that he was personally displeased that such a "great man" with so much fame should speak publicly on the issue. "It was detrimental to the Proposal and especially to the welfare of the women of the state," he said.

Tenure given to 32

Tenure recommendations for 32 faculty members were approved by the Board of Trustees at its Nov. 20 meeting:

Tomothy S. Chang, poultry science; Yash P. Kapur, audiology and speech sciences and surgery; Vernal D. Sivert, health, physical education and recreation; Ray E. Helfer, human development; Tai Akera, pharmacology; Robert B. Fowler, psychiatry; George F. Berthus, physics; Calvin Washington, community medicine.

Lawrence O. Copeland, plant and soil sciences; Richard J. Auhercz, veterinary science; Thomas H. Falk, German and Russian; Seok C. Song, linguistics and Oriental and African languages; Leslie A. Witter, music; Bruce L. Miller, philosophy; James Anderson, elementary and special education; J. Yvonne Waidson, education and special education; John V. Polomsky, engineering instructional services; and others.

There are outstanding contributions still to be reported, he further explained. In addition, there is a post-campaign effort in some units in contact persons who have yet to return their pledge cards. However, it is not expected that these will be sufficient to reach the goal.

University is short of goal

Pledges and contributions by faculty and staff to the United Community Chest as of Nov. 16, the final day of the formal campus drive, amounted to $173,927 or 87% of the University's goal of $200,000.

Campus campaign chairman, John C. Howell, said: "Without minimizing this achievement, it is necessary to acknowledge a disappointment in our meetings that stems from an optimism shared by some of their goal were: University Relations, 162.3%: Lyman Briggs College, 145.8%; College of Agriculture and Natural Resources, 131.6%; Department of Geological and Water Resources, 115.7%; College of Education, 113.7%; College of Veterinary Medicine, 104.4%; and Dormitories and Food Services, 103.7%. There were also over 220 units in both formal meetings or exceeding the 100% mark.

"To these divisions and units to all these people who demonstrated real satisfaction in knowing that because of their important social services which would not have been available will be provided to citizens of our community," Howell said.

Duffy to fill new post

Duffy Daugherty as MSU football coach has stirred mixed feelings among many on campus, but Leslie A. Scott, soon to be Daugherty's new boss, is in a particular quandary in choosing a successor to Daugherty's portfolio or may raise a question on a proxy vote, when social responsibility is involved.


NORMAN O. PENNINGTON, professor of humanities, is author of a book manuscript, "The Alaska Boundary Dispute: A Critical Reappraisal," which was published recently as part of the Frontiers of Knowledge series by McGraw-Hill Ryerson, Ltd.

CHARLES S. ST. CLAIR, professor of natural science, is the editor of a new book, "Development of Gifted Knowledge," published by the MSU Press.
BULLETINS

OBEDIENCE
A dog obedience contest sponsored by the wives of veterinary students will be held at 6:30 p.m. Monday, Nov. 27 in the MSU Judging Pavilion. There is no charge for admission. For information, contact Pat Smith, 489-7675.

MEN'S IM HOURS
The Men's IM Bldg. will be closed Thanksgiving Day, Thursday, Nov. 23. It will be open from 11 a.m. to 2 p.m. Friday and Saturday, Nov. 24 and 25, and from 1 to 6 p.m. Sunday, Nov. 26. Pool hours Friday and Saturday will be noon to 2 p.m.

EXHIBITIONS
Hidden Lake Gardens, Tipton, Michigan
On display in the Arboretum are more than 1000 tree and shrub taxa representing more than 90 genera. Open daily 8 a.m. until sundown.

Kresge Art Center
Paintings: One-man shows of paintings by staff artists Clifton McHesney and Stacy Proffitt. Entrance Gallery. Silk screen prints: An exhibit of prints in series showing the process of development arranged by James McConnell. Joseph Grippi, New York, has loaned 20 prints by seven artists for this show. The gallery will be closed Thursday and Friday, Nov. 23 and 24.

CONFERENCES

November 26-27: Job Search Information Institute
Dec. 1
Nov. 27-30: Job Search Officials Institute
Nov. 27: Basic Life & Health Insurance Institute, Lincoln Park
Dec. 7: Systems Modeling in the Fertilizer Industry
Nov. 29: Engineering, Mathematics, Science, Student Branch IEEE

SEMINARS

WEDNESDAY, NOVEMBER 22, 1972
Busing and integration—con. Larry Lezotte, 1:30 p.m., 2W Owen, Center for Urban Affairs.
Is there a role for c-AMP in higher plants? Robert Keates, 4:10 p.m., 101 Biochemistry. Plant Research Laboratory.

MONDAY, NOVEMBER 27, 1972
Inelastic effects in 24 Mg(d,t) and (d, 3He) reactions. Ronald O. Nelson, 4:10 p.m., Seminar Room, Cyclotron Laboratory. Cyclotron.

TUESDAY, NOVEMBER 28, 1972
Effects of post-harvest storage on quality of fresh and processed asparagus. Young C. Lee, 4 p.m., 103 Food Science. Food Science and Human Nutrition.

OPEN SKATING
The Ice Arena will be closed for open skating on Thursday and Friday, Nov. 23 and 24. Skating hours on Saturday, Nov. 25 will be from 10 to 11:30 a.m., 3:30 to 5 p.m. and 8:30 to 10 p.m. Sundays hours will be from 3:30 to 5 p.m.

WOMEN'S IM POOL
The Women's IM Bldg. will close at 5 p.m. Wednesday, Nov. 22 and will remain closed all day Thursday for Thanksgiving. On Friday, Saturday, and Sunday, Nov. 24-26, the pool only will be open from 11:30 a.m. to 1:30 p.m.

Library
Throughout November will be displayed "An Almanack for Book Lovers," marking birth anniversaries of such literary figures as Colley Cibber, Oliver Goldsmith, George Eliot, Lawrence Sterne, Jonathan Swift, and Mark Twain.

Museum
"Treasures from Two Continents" includes an exciting and beautiful collection of artifacts making its debut on the main floor. These masks, carvings, and silver crosses represent the artisans of Indonesia, China, Africa, and Ethiopia. They are from the Kline collection, recently donated to the Museum.

For general information about MSU, please call 353-8700.
FRIDAY, NOVEMBER 24, 1972

8 p.m. Thanksgiving vacation

SATURDAY, NOVEMBER 25, 1972

1 p.m. Football—MSU vs. Northwestern. Spartan Stadium.
2:30 p.m. "Christmas Star" (see Nov. 24). Abrams Planetarium.
8 p.m. "Christmas Star" (see Nov. 24). Abrams Planetarium.

SUNDAY, NOVEMBER 26, 1972

4 p.m. "Christmas Star" (see Nov. 24). Abrams Planetarium.

MONDAY, NOVEMBER 27, 1972

8:15 p.m. Concert—The University Chorale will perform the first 21 movements of Handel's "Messiah" with a 14-piece chamber orchestra. Vocal techniques of the Baroque period will be employed. The performance is open to the public without charge. Music Auditorium.

TUESDAY, NOVEMBER 28, 1972

12 p.m. University Club luncheon—MSU basketball coach Gus Ganakas will talk about the prospects for this year's varsity team.
8 p.m. Basketball—MSU vs. Toledo. Jenison Fieldhouse.
8 p.m. Folkdancing—Instruction will be followed by dancing at 9 p.m. 327 M.A.C.

FRIDAY, DECEMBER 1, 1972

8:15 p.m. Broadway Theatre Series—A rip-roaring farce, "No Sex Please—We're British" will star Tony Tanner. A young bride who orders vast amounts of pornography by mistake becomes entangled in hilarious complications as she tries to hide the material from her husband. Tickets may be purchased at the Union Ticket Office. Auditorium.

SATURDAY, DECEMBER 2, 1972

10 a.m. Advanced degree commencement. Auditorium.
2:30 p.m. "Christmas Star" (see Nov. 24). Abrams Planetarium.
3 p.m. Baccalaureate commencement. Auditorium.
4 p.m. Basketball—MSU vs. Kentucky. Jenison Fieldhouse.
7:30 p.m. Hockey—MSU vs. Michigan Technological University. Ice Arena.
7:30 p.m. Wrestling—MSU vs. Ohio. IM Sports Arena.
8 p.m. "Christmas Star" (see Nov. 24). Abrams Planetarium.

FRUIT BASKETS

The Horticulture Club is taking orders for holiday gift baskets of fruit. Both peck and half-peck sizes will be available during the week of Dec. 4-8. To order, call 5-5204.

TERRARIA

The Floriculture Forum will be selling Christmas terraria beginning Monday, Nov. 27 for $5 and up. Orders may be placed in 109 Horticulture or by calling 56438 or 56430 after 5 p.m.

INTEREST GROUP

The Faculty Folk International Interest Group will meet at the home of Mrs. Frederick Dutton, 931 Wick Court, East Lansing, at 1 p.m., Monday, Nov. 27. Joseph Lee, a native of mainland China and a professor of humanities at MSU will speak on "China Today." Dr. Lee and his wife recently returned from a six-week tour of his homeland. For further information call Mrs. George Petrides or Mrs. Ralph Smuckler.

EXHIBITION AND SALE

A special exhibition and sale of original oriental art will be held from 10 a.m. to 4 p.m. Wednesday, Nov. 29 at Kresge Art Center. Marson Ltd. of Baltimore will exhibit works by Hiroshige, Toyokuni, Kumichika, Chikanobu and other masters, plus a collection of etchings, woodcuts, lithographs and drawings by distinguished contemporaries in all price ranges.

TO ADVISE STUDENTS

Students interested in applying for summer employment with Federal agencies are advised that the final date to make application for the Jan. 6 test date is Nov. 24. Copies of the summer job brochure for Federal agencies listing opportunities available and explaining application procedures are available in the Student Employment Office, 110 Student Services. There will be a second test given on Feb. 10 for summer employment with Federal agencies and the final application date for this test will be Dec. 29.