

Repas objects to proposed censure policy

A faculty member who knows what it is like to be censured expressed his concerns Monday about the proposed rules of censure in the Academic Council submitted by the governance committee.

Bob Repas, professor of labor and industrial relations, told the steering committee that the proposed policy should be referred back to the committee because the policy "fails to define the council's limits in censuring;

does not list criteria; lacks penalties; offers no clear distinction between censure and reprimand; and does not provide avenues of appeal."

The steering committee, which has the responsibility for approving the council's agenda, voted to send the report back to committee.

Repas and former Trustee Clair White, were censured by the council in November 1971, for their actions in releasing and publicizing faculty salary lists with names.

The proposed censure policy was the result of a motion by Repas approved by the Academic Senate on May 17, 1972 requesting the council to determine its authority to censure members of the faculty and to develop a censure policy (if it has the authority) no later than the end of the 1972 fall term.

The motion stated that the policy encompass the areas of specific criteria, the distinction between censure and reprimand, specific penalties, the right of the faculty member to obtain a written statement of charges for the proposed motion of censure in advance, and the avenues available to appeal the motion.

The governance subcommittee, in its proposed policy, used the dictionary definition of censure — a "stern judgment" of adverse criticism — as being the most appropriate to a university governance structure.

"The subcommittee feels that any body has an inherent right to express its stern judgement of disapproval of the action of an individual or group. It also feels that such expressions should reflect stern and considered judgement, and only after the persons or person against whom censure is proposed has an opportunity to be heard. Within that framework, the subcommittee feels that an adversary procedure and elaborate appeal procedures are inappropriate."

The specific recommendations are:

*Censure shall be defined so that it carries no penalty other than the

disapprobation expressed, and thus may be considered a "stern statement of disapproval" directed against a specific action it deems worthy of censure, and consequently against the individual or group who committed such action.

*The Academic Council shall be recognized as having the inherent right to censure the actions of any individual or group under this definition.

*A recommendation to censure can only be introduced as part of a regular agenda. A resolution of censure introduced at one session of the Academic Council may not be acted upon before a succeeding session of the council.

*The individual or individuals against whom censure is proposed must be given a complete statement of the basis for the censure proposal in advance of the action meeting of the Academic Council by the proposing individual or committee. He or she must be offered the right to address the council before the substance of the proposal is discussed, with adequate time (one week) for the preparation of a statement.

*An adversary courtroom type procedure is inappropriate to censure proceedings in the Academic Council.

*A move to censure must carry by two-thirds of those present and voting in order to be approved.

*A person censured must be notified of the censure by the Secretary of the Faculty.

*A censure decision is not subject to appeal.

Repas said that a review of censure procedures of such groups as the American Medical Association, the National and local Bar Associations and other professional and governmental groups showed that censure is limited to members.

"The proposed policy allows the council to censure anyone — members and non — members. There is no

(Continued on page 5)

A-P study in final stage

The delay in the completion of the compensation and classification study for campus administrative - professional employees will result in a stronger, and more workable final product, according to representatives of the firm conducting the study and the University administration, but it is testing the patience of the spokesman for the A - P employees.

The study, begun last summer and originally scheduled for completion Jan. 1, is in its final stages, according to Timothy Reilley, on-site director for Robert H. Hayes and Associates, Inc. He said the final report should be submitted to the administration by March 16.

Some A - P employees have expressed concern that the firm's recommendations are already in the hands of the administration and that final classifications have been determined, but this appears to be at least several weeks away.

The study has been delayed for several reasons. The evaluation committees that worked through the fall took longer than expected to make their recommendations, Reilley said, but in doing so helped to insure a better end product. Also, formulating an evaluation system has been a longer process than anticipated, and a death in the family of one of the key participants contributed to the delay.

William Kenney, president of the A - P Association, said of the delay: "Ignorance often breeds fear as well as bliss, and the longer the delay the more the fear grows that this might become an administration rather than an independent study."

"I do feel that the Hayes firm has tried to do an honest job," he added, "and it is only because of the delay that I'm beginning to have reservations."

Kenney said his position remains the same as it was at the beginning of the study, "that I want to know what the independent recommendations of the study firm are at the time they go to the administration so I can see the difference between the recommendations and their implementation"

Keith Grotty, assistant vice-president for personnel and employee relations, says the leadership of the A - P Association will have that opportunity.

"The final report will be available to the A-P leadership," he said, "and they will be part of the implementation process."

He added that another reason for the delay has been the concerted effort to appraise the various administrative divisions and levels of the impact and implementation responsibilities of the study to avoid the confusion following the submission of the final report that has occurred at some other universities.

Currently, the Hayes firm and members of the Executive Group are exchanging information on a number of classification recommendations that

came from the evaluation committees. All vice-presidents were given the array of classifications pertaining to their employees last month and have been able to discuss them with their department heads and key unit administrators, and, where necessary, make additional recommendations to the study firm.

Reilley emphasized that after all this information input is received, the final report would represent the "independent judgement" of the firm, and predicted it will differ in some ways from both the recommendations of the evaluation committees and the administration.

"The report will probably contain some recommendations that may not fit the needs or the capacities of the University," he said, "although we naturally hope that they all would."

He said two major steps remain before the final report is submitted.

A salary range must be applied to each classification based on a "market value" of the jobs included. This value is established through a comparison of compensation paid for certain "benchmark" jobs in each classification with similar jobs across campus, at other universities, in government, and in private industry.

Also, a system for advancing employees through these ranges must be formulated. There is no indication yet whether this will be a lock-step system, a merit system, or some combination of the two.

Four to receive honorary degrees

Nancy Hanks, chairman of the National Endowment for the Arts, will be the speaker for winter term commencement Sunday, March 11.

Miss Hanks will address the 3 p.m. ceremony in the University Auditorium for undergraduates. Advanced degrees will be awarded at 10 a.m. the same day, also in the auditorium.

Addressing the morning ceremony will be James W. Butcher, acting dean of the College of Natural Science.

Miss Hanks is one of four persons who will receive honorary doctor's degrees at the afternoon commencement. She will receive an honorary doctor of letters degree. Other honorary doctorates will go to Peter B. Clark (humanities), president of The Evening News Association and publisher of The Detroit News; William R. Mann (science), dean of the School of Dentistry at the University of Michigan; and William H. Sewell (science), Vilas professor of sociology at the University of Wisconsin.

Miss Hanks was appointed in 1969 by President Nixon to head the National

Endowment of the Arts, an independent federal agency that encourages and assists the nation's cultural resources. She also chairs the National Council on the Arts.

She had earlier served as president of the Associated Councils of the Arts (1967 - 69), and was executive secretary (1956 - 69) of the Special Studies for the Rockefeller Brothers Fund.

In her role with the Rockefeller Fund, she coordinated two major projects: "The Performing Arts: Problems and Prospects," and "Prospect for America," a report on foreign policy, defense, education, social and economic affairs, and democracy.

Her earlier government service includes work as assistant to the undersecretary of health, education and welfare (1953 - 54) and as a staff member of the President's Advisory Committee on Government Organization (1953).

Clark joined The Evening News Association in 1960 as corporate



NANCY HANKS

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Science notes



BY PHILLIP MILLER

Medicine, among the science-related professions, is taking the lead in social responsibility, says an MSU science historian.

June Goodfield, permanent visiting lecturer and professor of human medicine and the history of science,

says she is optimistic about future responsibilities of science and medicine to society.

But the uneasy road of science and medicine for people is already at least half a century in the building.

"We have seen this happen within the

last 50 years," says Miss Goodfield, "mostly in the medical profession.

"This was first illustrated to me by Andrew Hunt, Dean of the College of Human Medicine."

Health used to be defined as the absence of disease, but following World War II the World Health Organization adopted a definition of health which was a landmark in the recognition of psychological and environmental factors. The concept of health grew from "an absence of disease" to the presence of a "total, individual well-being."

All aspects of the quality of life are now considered by medicine, she says.

"In America this new concept of health has been accepted by the American Public Health Association," she says, "even though not by the American Medical Association.

"But perhaps more importantly, it has been accepted by the majority of the deans of medicine.

"As a consequence, social health and social issues now come into the orbit of medical responsibility in a way they have never done before.

"Moreover, no matter what the promoters of national health insurance may say, it seems from studies actually being done in Michigan that no significant upgrading of national health statistics can be expected even though there would be equal purchasing power for medical services and increased manpower."

If the number of doctors were doubled, and if all people had plenty of money to pay them, then even this situation would not suffice to quiet the death-rattle of America's health statistics, she predicts.

Ill-health is in great part a factor of genetics, poverty and surroundings, she says, not just of cash and doctors.

Since humankind sponsors research by humankind, how can people be sure of getting the research that is best for them? How different are the answers of science and the answers of medicine?

"Andrew Hunt," says Miss Goodfield, "sees the expanding role of the medical profession not only in making this fact (of environment-related life quality) absolutely clear, but in taking an active role of reordering the national priorities so as to eliminate the root social causes of disease."

Science, too, has become stronger in addressing itself to problems of society. But more changes in science need to be made, she says.

"The changes have to be made within the institutional organization of the scientific community, should this come about."

Recently changes of a different sort shocked some scientists. President Richard Nixon dismissed the position of presidential science advisor. Dismantling of science offices in Washington has begun. With what they will be replaced, if anything, it is too early to tell.



JUNE GOODFIELD

Over 30's to be honored for the first time

The 11th annual retirement and service award dinner will include a new category of honors to be bestowed Wednesday, March 21, at Holden Hall.

In the past, the dinner has been given in honor of those retiring and those who have served the University for 15, 20 or 25 years.

According to Starr Keesler, assistant executive vice president, there will be a category this year to include those who have served 30 or more years. In future years, there will be 30, 35, 40 and up categories written into the awards program.

The special awards program was developed by an awards sub-committee consisting of Keesler; Lyle A. Thorburn, manager of dormitory and food services; Theodore B. Simon, director of the Physical Plant; and Gerald F.O'Connor, personnel director. It was approved by the full banquet committee and executive vice president Jack Breslin.

As in other years, those with 15 or 20 years of service will receive insignia pins or charms, those with 25 years will be presented gold watches, and the retirees will receive certificates.

There will be a total of 259 awards given, including 54 retirees, 68 fifteen-year awards, 45 twenty-year awards, 43 twenty-five year awards and 49 awards in the new classification of thirty or more years.

The watch recipients and retirees will be presented by Breslin, receive their awards from President Clifton R. Wharton, Jr., and receive congratulations from Frank Merriman, chairman of the Board of Trustees.

Terry Braverman, associate sports editor for WKAR radio and television, will act as the Master of Ceremonies. The invocation will be delivered by the Rev. Joseph Frett, food services employee and pastor of the Church of God, Lansing. Rev. Frett will also receive a 20-year award.

Entertainment will be provided by the Gentlemen's Agreement Quartet, international champions in competition within SPEBSQSA (Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America).

More than 600 persons are expected to attend. The reception begins at 6 p.m.

... Honorary degrees

(Concluded from page 1)

secretary. He became vice president in 1961 and president in 1969. He also serves as chairman of the board of the group that includes the Detroit News and broadcasting facilities in Detroit, Tucson, Ariz., Mobile, Ala.

He previously taught political science at the University of Chicago and at Yale University.

Mann has been a faculty member at the University of Michigan since 1940. He became a professor of dentistry in 1955, and served for four years as assistant director of the U-M's W. K. Kellogg Foundation Institute before becoming associate director in 1952. He was named dean of the dentistry school in 1962.

Sewell, a graduate of Michigan State, joined the Wisconsin faculty in 1946 and served in 1967-68 as chancellor of

the Madison campus. He is also a past chairman of the university's sociology department.

He has done extensive research in social behavior, social status and rural sociology. He is a past president of several sociological organizations, including the American Sociological Association, the Sociological Research Association and the Rural Sociological Society.



PETER B. CLARK



WILLIAM H. SEWELL

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Around the campus: A summary

Future explored

A concert pianist, a composer, and a potter are among the MSU professors and guests who will speak on the future in their professional fields, in the Great Issues course on campus in spring.

They will discuss the future in such contexts as education, music, art, marriage and the family, science and technology, political systems, science fiction, humanities, and futurology.

Ralph Votapek and other MSU musicians will play for the students in addition to discussing music.

Dorothy Arata, assistant provost for undergraduate education, will discuss the future of education. Lawrence R. Krupka, professor of national science, and course chairman, will lecture on science and technology. Walter R. Martin, associate professor of humanities, will speak on futurology. Jerry J. West, professor of American Thought and Language, will discuss science fiction as an indicator of the future.

Performing MSU musicians will be Corliss Arnold, organist and associate professor of music and director of the Church Music Workshop; Jere T. Hutcheson, composer, who will speak on the future of traditional techniques; Ralph Votapek, concert pianist and assistant professor, who will discuss the future of the concert soloist.

David L. Wessel, assistant professor of psychology, will discuss futuristic music, and demonstrate methods of generating music with a computer.

Other lecturers will be Arthur M. Vener, professor of social science, who will speak on the future of marriage and the family; Franklin D. Platt, associate professor and assistant chairman of humanities, who will discuss the future of the humanities; James R. Anderson, assistant professor of humanities and assistant director of the Honors College, who will discuss the future of political systems.

Robert Piepenburg, widely known Royal Oak potter in the raku style of low - fired lead - glaze ware, will discuss the future of art.

Atmosphere crucial

An MSU research team has been investigating academic achievement, trying to determine why children in a middle - class school learn more.

After more than three years of research, they've drawn some conclusions. For the fourth grade students they studied, the teacher's expectations of how much the students are capable of learning seems to make the biggest difference.

Wilbur B. Brookover, professor of sociology and of secondary education and curriculum, has been directing the study. A portion of the research has been financed by the U.S. Office of Education, but most of the support has come from the University, which has financed graduate assistants Richard Gigliotti, Ronald Henderson and Jeffrey Schneider.

Brookover points to several schools in Michigan where the students come from poor families, yet do exceedingly well in their studies. He attributes their academic achievement to the teachers and the atmosphere they have created in the schools.

He speaks glowingly of one school in particular, where, he says, the teachers "all agree what they're about." They all are working toward the same goals. If Jimmy fails a task today, they will try again tomorrow.

Brookover says it breeds a sense of "I can."

A portion of the data for the study comes from the state assessment tests administered annually to all fourth and seventh graders in Michigan. The MSU researchers used the results of the 1969-70 test, the first ever given.

To isolate the factors which influence learning, they paired schools with the same racial composition and economic characteristics, but with widely different average achievement scores.

They further tested five pairs of white schools, four pairs of black schools and three pairs of rural schools.

From the students' standpoint, the most influential factors are their sense of futility (the feeling they have no control over the situation, and a belief teachers don't care about them), their own present and future expectations and evaluations of themselves and how they believe others are evaluating them.

They found that the teachers' present and future expectations and evaluations of the students and the belief in the students' ability to improve have the most effect on learning.

"We need to change the whole notion of what kind of environment is necessary in schools," Brookover says. "You can love kids and still expect a lot of them. It's not evil or harsh to expect a lot."

He says we need more happy schools. "Winning coaches don't make teams unhappy," he says.

In addition to their other conclusions, the researchers found that in predominantly black schools, the future expectations and evaluations distinguish between high and low achievement schools more than the present ones. Just the opposite is true in predominantly white schools. They feel this is true because more white students tend to take it for granted that they will do well in the future.

They found no evidence that the teaching method used makes a significant difference on learning.

Although the experts agree there is still much more research to do, they do believe they can offer some suggestions and advice to teachers and parents.

It is up to the schools, first, Schneider says, to realize that the children are capable of learning more. At the same time, parents should not let themselves be brainwashed into thinking their children can't learn.

Colleges of education were also urged to make their future teachers aware of the negative attitudes they are likely to encounter.

Brookover summarized the findings by saying that where any school can build this positive kind of climate, the children are likely to learn better.

Bureau surveys jobs

Hiring trends, underemployment, student attitudes toward business, communal living, drug use, and pass-fail grades are just a sampling of the topics examined in a recent survey of 219 employers conducted by the Placement Bureau.

According to Jack Shingleton, placement bureau director, the purpose of "Employment Trends Survey, 1972-3" was to "find out what exactly what business, industry and government employers foresee for grads in the way of job opportunities.

"We also wanted to check the employers' reactions to some of the things that are happening in the world of college students," added Shingleton.

"Cautiously optimistic" are the terms used to describe the employment picture in governmental agencies. Hiring in this area is down at least 10% according to the survey. Like many other employers they are stressing female and minority recruitment.

Underemployment, employees performing work that is substantially below their competence, is another subject included in the survey. The percentage of underemployed college grads is estimated by the employers to be approximately 20%.

This is due mainly to an over - supply of college graduates, especially in certain disciplines, according to the survey, and creates a variety of problems like turnover costs, employee morale and increased wage costs.

Many of the employers recommended that universities provide students with more information on career planning and job placement so that they will be better prepared to deal with reality and the world of work.

Another important aspect dealt with student attitudes toward business. "Students seem to be developing an awareness of their bargaining position and that getting a job is a two way street. There are fewer students condemning the 'Establishment' than a few years ago. Most students seem more than willing to work within the system."

Employers were also questioned about hiring students who lived in communes and had used drugs. Most of them indicated a "definite wariness and hesitancy to hire graduates who had experience in these categories." However they all indicated a willingness to handle each situation on its own merit with the foremost consideration being the person's ability to do the job.

On the subject of pass - fail grades, employers preferred the traditional form of grading. They indicated that "grades show a great deal of a person's motivation." According to the survey, pass - fail grades benefit poor students and hurt the good ones.

The employers were equally skeptical about ungraded courses because they allow no basis for comparison.

Unit chartered

An undergraduate chapter of the American College of General Practitioners in Osteopathic Medicine and Surgery was chartered last week at the College of Osteopathic Medicine.

President of the new chapter, Ira Snider, third year student from Royal Oak, reported that nearly 50 students, about one - third of the total enrollment, had shown interest in activating an organization devoted to family practice.

Other officers are: vice president, Fred Hall, third year student from Madison Heights, and secretary treasurer, Slivana Martino, third year student from Pontiac.

Acting faculty adviser is Larry L. Bunnell, associate professor of family medicine at MSU.

Nationally, the ACCP has a membership of nearly 500 osteopathic medical students and more than 2,700 family practitioners.

Spring program set

Advanced undergraduate students and graduate students are being offered options to spend all or part of spring term in one of three Learning and Knowledge Development Stations, two in cities and one in rural Michigan. The field study program is patterned on the land - grant concept of the Agricultural Experiment Station which brings research skills to rural areas.

The students would plan research and develop projects in such areas as health, education and natural resources.

Three station directors, drawn from MSU faculty and graduate students, will man area stations in Detroit, with a number of operational sub - stations; a base at West Shore Community College in Scottville, near Ludington, for work in a variety of public agencies within five counties; and in Lansing.

The Urban Experiment Station - Off Campus Learning Center, designed to link student field studies with cumulative knowledge building in the urban host areas, is funded by the College of Social Science and the College of Urban Development. The Rural Development Program in the Agricultural Experiment Station is funding the Western Michigan Learning and Knowledge Development Station at Scottville.

Christopher Sower, professor of sociology, said 42 academic departments in a number of MSU colleges have field study programs in operation. Thus, students should be able to devise combined studies to allow for fulltime off - campus commitments for one or more terms.

One such course, for five credits, is Sower's Field Research Methods (Sociology 493) which is a laboratory course providing training in the application of social research methods, under laboratory and field situations, to problems in the major areas of sociology as they relate to communities and organizations.

In addition to on - campus support of the three research and aid stations, he said a number of other academic institutions and public agencies are cooperating in the program.

Host locations in which students can do field studies, he said, include community colleges, neighborhood city halls which operate in the larger cities, University extension offices, public libraries, planning departments, hospitals and citizen associations. Student research helps the communities and organizations to achieve a variety of goals by providing a firm base of knowledge which becomes cumulative.

Proposals due

A deadline of March 5 has been set by the Michigan Council for the Arts for submission of "special community project" proposals for grants in excess of \$500.

The program is designed to encourage arts oriented groups to identify an area of local cultural deficiency and to prescribe a program to meet that deficiency.

It is open to any non - profit organization, including campus units. Organizations applying for grants must be able to attract matching funds. Applications are available in Room 4, Kellogg Center.

Plant doctor examines special 'friend'

A dear friend was sick. For the past month all pep seemed to be gone. A trip to the doctor was in order.

"How long have the symptoms been present? Have the living conditions changed? What has been the food intake?" The doctor's questions seemed endless. And the diagnosis seemed long in coming.

"It would live," he finally said.

The friend is a year-old bromeliad (related to the pineapple family) and the doctor is William H. Carlson, associate professor of floriculture and extension specialist in horticulture.

Part of Carlson's job is helping "sick plants" as a "general practitioner," but that's only a small part.

As the only floriculture extension specialist in the state, he said he's a "troubleshooter" and assists commercial growers and members of communities with their growing problems.

"My work involves working with a variety of concerns from multi-million dollar commercial growers with soil problems to homeowners and communities involved in beautification projects," he said.

Carlson has been with MSU for seven years. Fifty per cent of his time includes extension responsibilities and 50 per cent is in the horticulture department doing research.

Additionally, he lectures for the department's production courses, commercial growers and regional home economist specialists.

He also assists in the production of

extension pamphlets and coordinates the "Michigan State Garden Notes" — mimeographed papers covering more than 30 subjects ranging from growing house plants (such as herbs) to growing fruit and vegetable crops in Michigan.

He is assisted with these publications

by Doug Jones, a full-time technician.

Carlson said the mimeograph sheets, called "gardening cookbooks," are the result of the inquiries the department receives concerning specific growing problems. "When we get enough interest in a specific area, we do research and

prepare the sheets," he said.

"We just don't have enough time to look at every sick plant or everyone's garden. With these mimeographed sheets we can send information on the subject to the inquirer."

Carlson, who sports a "Plant Flowers — Don't Pollute" sticker on his office door, said that raising plants and flowers offers people therapy and creativity, and it's interesting.

He labels himself a "Music Man" but instead of pushing trombones he sells people on flowers.

He said he believes that learning should be fun, and tries to entertain when he speaks before groups.

He tells groups how he got into his field, progressing from gardener to tree surgeon ("but I kept falling out of my patients") to floriculture specialist. "Everybody kept telling me I was a blooming idiot, so I decided to work with flowers," he said.

Working with flowers entails looking at sick bromeliads once in a while, and prescribing cures.

A recent repotting of the bromeliad in a too-large pot was the cause of the brown leaves. Carlson's solution was to repot the plant in a smaller pot so the roots could take hold and the leaves would again be healthy and green.

Carlson had another recommendation. An apple placed in the plant for a few days would result in blooming flowers. Which just goes to show you that "an apple a few days keeps the doctor away."

—SANDRA DALKA



"Will it live?"



"There's a good chance."

Leadership is aim of project

David L. Armstrong recently led 30 LEAD students to Mother Waddles' Perpetual Soul Saving Mission in Detroit.

Armstrong, director of Project LEAD (which stands for leadership, experience and development), the 30 student participants and their four faculty advisors, were visiting Mother Waddles and her Perpetual Mission as part of a weekend field trip.

Part of the College of Agriculture and Natural Resources, Project LEAD was developed and put into action three years ago to give select students experiences designed to help develop leadership qualities.

Mother Waddles, a well-known community leader, shared her thoughts

with the group.

She explained how the 17-year-old mission, which has been located at 3700 Gratiot for two years, operates.

"We are not funded by city, state or federal government. One person sends me a dime taped on a post card. Another sends a check for \$1,000. One person brings one canned good, another 20, and someone else contributes 2,000. My job is putting it all together."

The mission has its own clinic, a distribution center for food and clothing, and offers 27 free classes ranging from black church studies to electronics.

An ordained minister, Mother Waddles said, "We offer more than food, we offer dignity, concern and

friendship. To love people, you have to respect them.

"The mission is a big melting pot with young and old, black and white, sober and drunk, educated and uneducated," she said.

When asked about a daily schedule, she laughed and replied: "Whatever's happening and whoever wants to get involved, that's the daily activity!"

After a tour, church services and lunch at the mission, the MSU group headed for Canada to meet with political science professors from the University of Windsor to discuss the Canadian and American political systems.

Broaden understanding

Armstrong, who is assistant dean and director of resident instruction in the College of Agriculture and Natural Resources, explains Project LEAD.

"Students in the College of Agriculture and Natural Resources usually have a strong science background. We felt a need to broaden their education.

"No one really knows how someone gets involved in community activity. In a student's first year at MSU he might just join a club. The second year he might work on a committee. The third year he might head the committee.

"We feel that if we put a few students with faculty members and expose them to these activities in a shorter period of time (two terms), we can speed up the process of fostering individual leadership," Armstrong says.

There were 76 applicants for this year's 30 positions. Students were nominated by department chairmen, academic advisors, student organizations and past LEAD participants.

Students represent a wide range of majors within the college — from building construction to wildlife ecology.

Weekly meetings with the entire group cover social, political and economic problems facing contemporary society.

Divided into four smaller groups, the students delve deeper into areas of



Project LEAD director David L. Armstrong (seated left) 1972 student coordinator; Rod Cortright (standing) 1973 student coordinator; and Chris Gladieux, 1973 student coordinator.

particular interest. Occult beliefs, police-community relations, Red Power and alternative life styles are a few of the issues addressed this year.

Faculty advisors head each of the small groups. They are: William G. Bickert, professor of agricultural engineering; Henry D. Foth, professor of crop and soil science; Charles Laughlin, assistant director of resident instruction, and assistant professor and extension specialist of nematology; and Collette H. Moser, assistant professor of agricultural economics. Chris Gladieux, dually enrolled for B.S. and M.S. degrees in forestry and a past participant of Project LEAD, acts as the student coordinator.

Seminars and field trips, such as the one to Detroit, accentuate the learning process. An environmental science weekend and a community study weekend will take place in the spring.

Each student is required to work on an individual project. Gladieux explained that this might consist of studying the food stamps procedure, accompanying a policeman on an eight-hour shift, or adopting a grandparent. The student picks some project that



Collette Moser (left) and David L. Armstrong (right) join Mother Waddles (center) in the food line at her Perpetual Soul Saving Mission in Detroit.

The Forum

The Forum is intended as a platform of opinion for readers of the News-Bulletin. Comments, and letters to the editor, may be addressed to the editor, Room 315, Linton Hall. We reserve the right to edit contributions when necessary to meet space and other requirements.

Lewis critical of new gen ed criteria

By Ralph W Lewis,
Professor of Natural Science

An examination of the Report of the Ad Hoc Committee on General Education leads me to recommend to the Senate that the report be sent back to the committee for rewriting.

In the first paragraph the committee is confused. In sentence two, the assumptions "about the importance and role of General Education" are "difficult, if not impossible to articulate." But in sentence three the difficulty has evaporated and the committee is prepared "to spell them out explicitly."

The first, second, and fourth assumptions are well stated, but an important item has been omitted from the third. This is best discussed in relation to Section I of the report.

The third "assumption" should also include that courses be reviewed and evaluated in terms of advances in scholarly pursuits. This might enhance not only pedagogy and learning, but also serve to move courses closer to "social reality" because, contrary to popular belief, active scholars are usually closer to full reality than are non-scholars.

I agree with what is included in section I, but unfortunately much has been omitted. Courses in communication are exceedingly important, but communication is less than half the importance of studying one's native language and literature. The fullness of life as it finds expression in the conscious inner existence of an individual is, to a large extent, dependent upon the richness, variety, and patterns of the word - flow through the mind. J.S. Bruner supports this view of "oneself" as do other psychologists. Aldous Huxley stated it thus: "... words have power to mold men's thinking, to canalize their feeling, to direct their willing and acting. Conduct and character are largely determined by the nature of the words we currently use..."

Certainly a "rich, rewarding education", as mentioned in paragraph two, cannot be achieved without a constant growth of the inner-self as expressed in the inner language. Therefore I urge that section I be rewritten to include the "inner side" of communication.

I find myself at strong odds with section II, part I. I do not believe that "social, and philosophical issues" are the prime factors that "aid individuals as they

attempt to define, understand, and evaluate the physical, social, and/or cultural worlds... and their own places in these worlds." It is easy to conceive that for most undergraduates the accumulation of knowledge, with its accompanying mental activity, could do more to help individuals "define, understand, and evaluate" than could focusing on issues.

To be sure, issues are good and desirable topics in the classroom, but only when associated with "important substantive content", the topic of section II, 2. Whereas issues lead us of necessity into the narrowing confines of specialists (See any book on pollution for support of this statement), learning "to identify issues, evaluate evidence, and draw conclusions" are, in non-rigid minds, general activities. Once learned, these arts and others are transferable; they are truly the general components of a general education.

"General education does best to aim at being generic education..." according to J.S. Bruner. What are the generic components of knowledge? Largely they are such things as structure and methodology, learning and logic, intuition and inference, and ideas, facts and thinking. Many general aspects of knowledge and many arts involved in learning, discovery, and utilization of knowledge are its generic components, and these are the primary concerns of general education.

Until the Report on General Education Criteria includes a section on "inner communication" and establishes the generic components of knowledge as the primary concern of general education, it ought to be rejected.

Letters to the Editor

Agenda decision lauded

To the Editor:

MSU Faculty Associates congratulates the Board of Trustees for their recent decision to publish in advance the agenda for public meetings. Such advance notice will greatly benefit the University community and is fitting recognition of its right to have access to such important information before Board meetings take place.

We suggest that the MSU News - Bulletin print the agenda as a regular service for readers.

Sincerely,

Mary Tomkings, President - elect
MSU/FA

Women artists snubbed

To the editor:

Art reviewing is a thankless task; so alienated is the artist as a species that any oblique reference in the press to his activities is seized upon with humble delight. Applause, pantheons of praise, these are beyond his wildest dreams, for no self-respecting critic in recent years has dwelt upon aesthetic "quality;" only artists harbor such nostalgia. A reviewer may treat an exhibit in any of the modes now fashionable, or he may merely list the names of the artists, as was the case in most local coverage of the MSU Faculty Exhibits.

That mine was the only name excised from the exhibiting list would seem a trivial cause for complaint. Actually, this in no way affronts me personally, for as a woman artist one is accustomed to myopic viewing. Discourtesies of this kind are commonplace. An eleven foot canvas can be disliked, but it is not invisible. Whether this was an oversight, or a deliberate snub, the gentlemen whose names were listed will not have remarked on the absence of my own. When gallantry died, it was not replaced by fairness.

As liaison for Muse International, and a midwest representative of West - East Coast Bag (an association of women's arts groups), I cannot allow your reviewer's omission to pass. Those are organizations of women artists who are seeking to rectify the disproportionate granting of patronage to artists according to sex. Women receive a mean fraction of all grants, civic commissions, gallery exposure, museum purchases, etc. And at the provincial level, where the university becomes almost the sole patron, community artists - especially women - are viciously excluded.

In this year of 1973 - the year of the woman - the insensitivity shown by the all-male fine arts faculty at MSU on this occasion, and the failure of your reviewer to perceive it, are reprehensible indeed.

Did he not see the brochure? No black or woman's faces among this insulting parade of WASPISH male faces. Who imagines that this will "inspire" the 75 per cent women students in the art department.

Why did your reviewer not report on the "event" staged by Professor Robert Weil as a black protest against the non-affirmative actions of the art department?

Is your reviewer not aware that suits are being brought against major museums in this country for inadequate representation of women's art; Can Kresge Art Gallery exonerate itself from such a charge? The predominantly female exhibits currently showing in New York are loudly decried by male artists as "chauvinistic." Why do they not make such charges when male art is thrust upon a community?

We feel that the distinguished teaching of these university artists is questionable if their women students never make the grade. And what becomes of those who do? The incident I am reporting is a fair example of the churlish treatment accorded to women colleagues in art - today an exhibition list, tomorrow a history book. She might well ask, "why are there no great women artists?"

Sincerely,

Alison McMaugh Assistant instructor
Art Department



(seated right) checks field trip plans with Bob Rosenow (right standing left) and Carole Lukasik (standing center), student coordinator.

will aid in his individual growth and development.

Student reaction

The students rate Project LEAD as a success. As one said: "Project LEAD provides the experience needed to relieve the frustrations of school. The answer is involvement or direct input into areas of concern. The subjects under study are those that students rarely think about. We are forced to encounter problems that you'd like to forget exist. This broadening experience is bound to produce better leadership and awareness."

Armstrong explains that faculty advisors change each year. He said, "They have no experience and therefore no advantage over the students. They share the same problems - getting to know people."

"Project LEAD gives the faculty an opportunity to know students outside of their teaching major. Students and faculty are forced to think about each other differently by coming to each others' homes and communicating and learning on the same level."

-JANICE HAYES

... Censure

(Concluded from page 1)

precedent for an organization censuring non-members," he said.

He added that without a list of criteria, the policy gives the "council a blank check to censure whatever seems justified at the moment."

"The lack of avenues for appeal provides no due process and makes the council infallible and accountable to no one," he said.

The governance committee had sent the proposed policy to the steering committee for inclusion on the Academic Council's March 5 meeting agenda.

James Bonnen, professor of agricultural economics and chairman of the steering committee, said that the document should again be reviewed by the governance committee with a review of Repas' objections and that the committee should work with the faculty affairs and faculty compensation committee to insure that the censure document is compatible with the faculty grievance procedure. The FAFCC has been reviewing the interim grievance procedure and preparing a final grievance procedure.

In setting the agenda for Monday's council meeting, the steering committee approved a joint recommendation for action by the curriculum committee and the educational policies committee on general education.

Additionally, council members will vote on inclusion of the faculty grievance officer as an ex officio member of the council.

Deadline . . .

Next week's (March 8) issue of the News - Bulletin will be the final issue of winter term. Publication will resume March 29. Deadline for Calendar of Events and other items will be noon, Tuesday, Feb. 27. Notices of events taking place through March 29 should be included.

The arts



BY FRED BRUFLODT

'Story Theatre' produced tonight; Mozarteum presented Friday

"A Broadway show for people who previously had given up Broadway shows" is what one New York drama critic called "Story Theatre," being produced tonight at 8:15 p.m. in the Auditorium.

The 1971 Broadway hit, part of the Broadway Theatre Series, tells 10 Grimm fairy tales using mime, dialogue and contemporary music.

The play has the aural effect of having a story read, yet with the key sentences characterized. The visual effect is of some wildly imaginative mime.

Skillfully coupled with these elements is a contemporary musical score. In the tale of "The Golden Goose," for example, George Harrison's "Here Comes the Sun" is heard.

The music will be performed by a group appropriately named The Grimm Reapers.

Tickets to see the "Story Theatre" are available at the Union Ticket Office.

Mozarteum

An all - Mozart program will be presented by the famous Mozarteum Orchestra of Salzburg Friday evening in "Series B" (University Series) and the International Orchestra Series of the Lecture - Concert Series. Leopold Hager of Vienna will conduct.

Appearing with the orchestra will be Walter Berry, leading baritone of the Vienna State Opera and New York's Metropolitan Opera.

Berry will be heard in two concert arias, "Non piu andrai" (No longer will you be flirting") from the "Marriage of Figaro," and "Komm, liebe Zither" ("Come, Beloved Zither"). He will also sing "Cosi, dunque tradisci" ("Let me explain my treachery"). Berry, who is Viennese, is regarded as one of the greatest lieder singers of our time.

Opening the program will be "Divertimento No. 11 in D Major for Strings, Oboe and Two Horns." The concluding work will be "Symphony No. 40 in G Minor."

The Mozarteum Orchestra, an ensemble of 45 musicians, is the only

authentic Mozart orchestra which programs all Mozart works.

Percussion concert

Mark Johnson's Percussion Ensemble will demonstrate the depth and breadth of percussion music in a concert Saturday.

Featured will be the premiere of "Three Things for Dr. Seuss" by Jere Hutcheson, assistant professor of music.

About his new work, Hutcheson says that in Dr. Seuss' stories, strange creatures called "things" are encountered. With tongue in cheek, he has titled the three movements: "Overture (Thing One), "Nocturne (Thing Two)," and Finale (Thing Three)."

Scored for six percussion players and harp, a number of "melodic" percussion instruments are called for.

Johnson, assistant professor of music, is quick to point out that there are many melodic percussion instruments including marimba, vibes, chimes, and bells.

In "Los Dioses Aztecas (The Aztec Gods)" by Gardener Read, the six members of the ensemble will play nearly 60 percussion instruments, making rehearsals and performances a formidable study in logistics in addition to the usual demands of technique and musicianship.

By contrast, "Inventions on a Motive," by Michael Colgrass will use only drums, although their tone colors have been altered.

All of the members are undergraduate music students.

Orchestra

Sunday afternoon's MSU Symphony Orchestra concert under the baton of guest conductor Bystrik Rezucha will feature the young German violinist Rolfe Schulte in Mendelssohn's "Concerto in E Minor."

The New York Times called the 23-year-old violinist's 1971 debut recital "a mixture of technical fireworks, emotional heat, and intellectual

command the like of which is not often encountered in a debut."

Other works on the program include "Double Portrait" by Juraj Hatik, a



ROLFE SCHULTE

young Czech composer, and "Symphony No. 2" by Jan Sibelius.

"Double Portrait," written especially for the State Philharmonic of Kosice, received its premiere under Rezucha. Sunday's performance will be its first U.S. performance.

Rezucha, who has made his U.S. conducting debut with the MSU Symphony Orchestra, is conductor of the State Philharmonic of Kosice, Czechoslovakia's newest orchestra.

At MSU he has held a seminar in conducting in addition to his duties with the MSU Chamber and Symphony Orchestras.

Sunday's performance will be Rezucha's final appearance as the orchestra's winter term guest conductor.

Renowned harpist

Adding further to the musical variety this week will be Tuesday's recital by world famous harpist Nicanor Zabaleta who has presented more than 3,000 harp recitals worldwide during his career.

He has also been soloist with more than 150 of the world's symphony orchestras, appeared at important music festivals and has had works written for him by many prominent modern composers.

The harp, says Zabaleta, offers more than most people realize in the way of a serious, original concert repertoire spanning four centuries.

His programs include mostly original works for harp.

He will perform Bach's "Bourree - Menuet - Gavotte en Rondeau," Beethoven's "Six Easy Variations on a Swiss Theme," plus works by Albeniz, Bochas, Viotti and Marcel Tournier, with whom he studied in Paris.

Composer Maurice Ravel, who respected the harpist, said "In Zabaleta the artist is as great or even greater than the harpist."

Exhibition to open

Sunday afternoon, the Kresge Gallery will open its third annual exhibition of works by Michigan artists. The eight artists were selected by MSU art professors Owen Brainard and Clifton McChesney.

The exhibit will include sculpture, drawings, watercolors, and paintings.

The group includes several art teachers and professors, including Paul Welch, a graduate of MSU and head of the art department at Northwestern Michigan College.

Exhibit and sale

The Tomlinson Collection of Baltimore will show works by Durer, Goya, Picasso, and other masters plus etchings, woodcuts and lithographs by contemporary artists Monday at the Kresge Gallery.

The works, in all price ranges, will be for sale. (Further information on all events is in the Calendar of Events.)

MSU Positions Available

IMPORTANT: Administrative - Professional and Clerical - Technical applicants should contact the Employment Office at 353-4334 by March 6, 1973 and refer to the vacancy by the position number. Instructional staff applicants should contact departments noted. Fuller descriptions of positions are available in departmental postings.

FACULTY

Asst. or Assoc. Prof in Forestry Dept. (Ph.D.) Teaching - research position, with major teaching responsibility of silviculture and dendrology courses required in forestry curriculum.

Contact: Lee M. James
Chmn., Forestry Dept.

Assoc. or Full Prof. and Assoc. Director (M.A.) Specialization in labor education. Extensive experience in a university or union labor education program.

Contact: Jack Stieber
Dir., Labor and Industrial Relations

Asst. Dean for Student Affairs (Ph.D.) Responsible for admissions and student affairs; should be a person who can relate to different groups of people; students, faculty, professional groups, and the public in general.

Contact: Myron S. Magen
Dean, Osteopathic Medicine

Asst. or Assoc. Prof. of Management (Ph.D. or DBA) Undergraduate and graduate

programs in business policy and/or applied areas of management such as production and materials management, personnel and labor management. Experience with business, teaching and research desired.

Contact: Richard F. Gonzalez
Chmn., Dept. of Management

Asst. Prof. of Psychiatry - two positions - (Ph.D.) M.D. degree and Board eligible or certified in Adult Psychiatry and/or Child Psychiatry. Experience desirable but not necessary.

Contact: Harold Drane
Assoc. Chmn., Human Medicine

Chairman of Psychiatry (Ph.D.) M.D. degree and Board certified in Psychiatry and/or Child Psychiatry. High level administrative, teaching, service and research experience.

Contact: Harold W. Drane
Assoc. Chmn., Human Medicine

Instr. and Asst. to the Director, School of Medical Technology (B.S. in Medical Technology or M.S.-M.A. in Student Personnel Work or Counseling) Experience in academic advising or medical technology certification required.

Contact: Robert A. Brooks
Dir., Medical Technology

ADMINISTRATIVE-PROFESSIONAL

163. Coordinator - Rehabilitation and Athletic Training V (M.A. in Health, Physical Education) At least 10 years practical training

in rehabilitation and conditioning of all forms of athletics and have previous responsibility for the organization and training of student trainers. Experience in administering and organizing a complete training program.

CLERICAL-TECHNICAL

164. Audio Visual Technician I "L" - Working knowledge of electronics. Two years experience. Will be responsible for the maintenance, repair and operation of audiovisual and sound reinforcement equipment. \$3.68/hour

165. Sr. Secretary "J" - Shorthand & typing. Able to assume responsibility and supervise a clerical staff. \$3.60/hour

166. Laboratory Research Aide "G" - Minimum of two year Agriculture Technology degree and six months experience working on turfgrass research plots or similar research plot experience. Must be capable of working with tractors and light machinery as well as laboratory equipment. \$3.40/hour

167. Programmer Trainee - \$3.27/hour
168. Sr. Accounting Clerk "H" - Perform duties related to an accounting office; maintain budgeted accounts and financial records; accurate typist. \$3.26/hour

169. Sr. Departmental Secretary VII - Typing, ability to supervise a clerical staff, bookkeeping knowledge helpful. \$6.660 - 8,272

170. Sr. Clerk "F" (Temporary) Work in clinic at Sparrow Hospital. General office duties. Position will be completed July 1, 1973. \$3.20/hour

171. Peripheral Operator VI - Must have

aptitude for operating peripheral data processing equipment; must perform clerical functions needed to service computer center users. Dependability in past positions will be considered heavily. \$6,436 - 8,048

172. Data Preparation Operator V (2 vacancies) - Reasonable experience on an IBM 029 or 129 Key punch, punching both alpha and numeric; also experience in verifying. Must have experience in setting up own program. \$6,267 - 7,389

173. Data Preparation Operator V - Experienced keypunch operator - at least one year. \$6,267 - 7,389

174. Departmental Secretary V - Good secretarial skills. \$6,267 - 7,389

175-179. Sr. Clerk Stenographer V (5 vacancies) \$6,267 - 7,389

180. Stenographer "F" - Shorthand & typing to work 1/2 time for 90 days. \$3.00/hour

181. Sr. Clerk "F" - Receptionist - typist to work full time for 90 days. \$3.00/hour

182-186. Sr. Clerk IV (5 vacancies) \$5,735 - 6,926

187-188. Clerk IV "D" (2 vacancies) \$2.70/hour

189. Clerk - Stenographer III \$5,511 - 6,562

190. Clerk III "B" \$2.65/hour

191. Clerk Typist II \$5,440 - 6,422

192. Clerk III "B" \$2.61/hour

193-194. Clerk II "A" (2 vacancies) \$2.58/hour

MICHIGAN STATE UNIVERSITY IS AN
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BULLETINS

LAST BULLETIN

The March 8 issue of the MSU News Bulletin will be last of winter term. Publication will resume March 29. Notices of events through March 30 should be sent to Patricia Grauer, 109 Agriculture, by noon Tuesday, March 6.

ACADEMIC COUNCIL

There will be an Academic Council meeting at 3:15 p.m. on Monday, March 5, in the Con Con Room of Center for International Programs.

MSEC

Michigan Student Environmental Confederation is holding a Canoe Clinic Thursday, March 1 at 7:30 p.m. in the Union Ballroom. Verlen Kruger of the American Canoeing Association will speak on camping, canoeing, and portaging.

FRENCH SONGS

M. Jean Belliard, on tour under the auspices of the French Ministry of Foreign Affairs and the Alliance Francaise, will sing and accompany himself on the guitar in a varied program of French songs on Monday, March 5, at 8 p.m. in the Union Gold Room. The public is invited.

ACADEMIC APPAREL

Faculty members and advanced degree candidates who wish to rent academic apparel for winter term graduation, Sunday, March 11 should inquire at the Union Desk or call 5-3498. The deadline for reservation orders is Thursday, March 1. Hoods from other universities must be specially ordered and require an early reservation.

PHONE BOOKS

1973 Lansing phone books will be available at Stores Receiving after March 9. Requests for directories must be submitted on the regular "Request for Supplies from Stores" and separately submitted from the orders for other supplies. No phone orders will be accepted. Old books will not be picked up. Send orders by campus mail to: Sam Burge, supervisor, Receiving

NEWCOMERS

Faculty Folk Newcomers will meet at Consumers Power Co. on March 8 at 8 p.m. Home economist Frances Laugh will present a food program entitled "Easy Entertaining," featuring ideas on short cuts for entertaining, easy food preparation, and the glamorization of convenience foods. Faculty Folk wives are invited to attend. For transportation and further information call Carol Christenson, 339-2230, or Kathy Hawkins, 351-6905.

EXHIBIT OPENING

The public is invited to the opening of the "Eight Michigan Arts" exhibition at Kresge Art Center from 1 to 4 p.m. Sunday, March 4. Refreshments will be served and some of the artists will be present.

HALL ASSIGNMENT

The Assignment Office, W-190 Holmes, will be open from 10 a.m. to 5 p.m. on Sunday, March 25. Students not knowing their assigned hall or wanting to make application should be directed to this office or call 5-7460.

STEERING COMMITTEE

There will be a Steering Committee meeting on Tuesday, March 6, at 3 p.m. in 443A Administration Building to set the agenda for the meeting of the Academic Senate on March 13.

BETWEEN TERM HOUSING

Between term housing for foreign students new to the university and students living in residence halls winter term will be available at E. Holmes. Students may check in starting at noon Saturday, March 17 at the E. Holmes reception desk. Spring term halls will be open at 11 a.m., Sunday, March 25.

OFF-CAMPUS TRAINING

Departments with students in off-campus training for credit spring term, should send a list of these students to Residence Hall Assignment Office, W-190 Holmes Hall. This will expedite releasing these students from their housing contracts.

EXTENSION WOMEN

The Extension Women's Club will meet at 1:30 p.m. Tuesday, March 6, in the Conference Room of the Museum. Dirk Gringhuis, curator of exhibits, will speak on "A Museum Exhibit through the Eyes of a Curator." For information, call Mrs. Dale Harpstead, 351-6502.

EXHIBITION AND SALE

A special exhibition and sale of original graphic works will be presented at the Kresge Art Center on Monday, March 5, in the North Gallery from 10 a.m. to 4 p.m. The Tomlinson Collection of Baltimore will display works by Durer, Goya, Daumier, Picasso, Chagall, and other masters, plus a selection of etchings, woodcuts, and lithographs by distinguished contemporaries in all price ranges. William Tomlinson, gallery representative, will be here during the presentation to answer questions about the works on view. Browsers are welcome without obligation.

SEMINARS

THURSDAY, MARCH 1, 1973

Soft collisions of hadrons. Vernon Barger, U. of Wisconsin, 4:10 p.m., 120 Physics-Astronomy. **Physics.**

Racine and Shakespeare—Freudian view. Jules Brody, associate dean of faculties, Queens College of the City U. of New York, 8 p.m., Union Gold Room. **Romance Languages.**

FRIDAY, MARCH 2, 1973

Research in the Expanded Nutrition Program. Portia Morris, 3 p.m., 103 Human Ecology. **Family and Child Sciences.**

Radiological health and safety in the laboratory. Warren Malchman, 3 p.m., 145 Natural Science. **Zoology.**

MONDAY, MARCH 5, 1973

The structure of dielectric fluids. John M. Deutch, Massachusetts Institute of Technology, 8 p.m., 136 Chemistry. **Chemistry.**

The promotion of milk and milk products. Donald Carlson, American Dairy Association, 12:30 p.m., 126 Anthony. **Dairy Science.**

A review of pest management programs for Michigan apples. W.W. Thompson, 4 p.m., 244 Natural Science. **Entomology.**

One dimensional disordered systems. Robert Bush, U. of Chicago, 4 p.m., 223 Physics-Astronomy. **Physics.**

Studies on ovulation in the monkey. C.J. Mahoney, Oregon Regional Primate Research Center, Beaverton, 4 p.m., 216 Giltner. **Physiology, Endocrine Research Unit.**

Regulation of growth by applied chemicals. Earnest Jaworski, Monsanto, St. Louis, Mo. 11:30 a.m., 101 Biochemistry. **Plant Research Laboratory.**

Comparative experimental studies of families in Ceylon, India and the United States: conflict, problem solving, creativity, power structures, and sex roles in the contexts of social class and social change. Murray A. Straus, professor of sociology, U. of New Hampshire, 3 p.m., 102 Human Ecology. **Sociology.**

TUESDAY, MARCH 6, 1973

Applications of palladium compounds in organic synthesis. R.F. Heck, U. of Delaware, 4 p.m., 136 Chemistry. **Chemistry.**

Fish sauce production in Thailand. K. Trongpanich, 4:10 p.m., 103 Food Science. **Food Science and Human Nutrition.**

The effect of peroxidase on linoleate oxidation by lipoxidase. Kert Ivie, 4:10 p.m., 103 Food Science. **Food Science and Human Nutrition.**

Research achievements and communications in agriculture. S.H. Wittwer, 4 p.m., 209 Horticulture. **Horticulture.**

Problems facing college and university teaching. Gail S. Young, U. of Rochester, 4 p.m., 304A Wells. **Mathematics and Education.**

Quantitation and function of RNA polymerase transcription factors. R. Burgess, Dept. of Oncology, U. of Wisconsin, 4:10 p.m., 146 Giltner. **Microbiology and Public Health.**

Teratology studies on chlorodibenzodioxins and chlorophenols. Bernard Schwetz, Dow Chemical Corp., Midland, 4 p.m., 449B Life Sciences. **Pharmacology.**

WEDNESDAY, MARCH 7, 1973

Plant ecology in Vietnam. W.B. Drew, 4:10 p.m., 168 Plant Biology. **Botany and Plant Pathology.**

Alpha keto adipic aciduria: a block in lysine and tryptophan degradation. Ronald Wilson, 4 p.m., 103 Anthony. **Genetics Group.**

Iron deficiency anemia in an urban population. Dorice M. Narins, 4 p.m., 131 Anthony. **Institute of Nutrition.**

Gliding motility in blue-green algae. Larry Halfen, Ohio State U., 4:10 p.m., 101 Biochemistry. **Plant Research Laboratory.**

THURSDAY, MARCH 8, 1973

Acetyl-CoA carboxylase; subunit function in catalysis and regulation. M. Daniel Lane, Dept. of Physiological Chemistry, School of Medicine, Johns Hopkins U., 4:10 p.m., 101 Biochemistry. **Biochemistry.**

Soil water management in potato production. Ana Garay, 4 p.m., 309 Agriculture. **Crop and Soil Sciences.**

Philippine Peace Corps intern program—A first-hand report of the work of six recent MSU graduates who are working in fisheries in the Philippines. Norman A. Brown, 1:30 p.m., 223 Natural Resources. **Fisheries and Wildlife.**

Animal tissue fixation (perfusion). A. Sculthorpe, 12:30 p.m., 206 Food Science. **Food Science and Human Nutrition.**

Impurities in solids. C.P. Flynn, U. of Illinois, 4:10 p.m., 120 Physics-Astronomy. **Physics.**

FRIDAY, MARCH 9, 1973

Plant breeding for nitrate reductase. Richard Hageman, U. of Illinois, 4:10 p.m., 101 Biochemistry. **Plant Research Laboratory.**

FRIDAY, MARCH 2, 1973

- MSU Women's State Basketball Tournament. Women's IM Bldg.
- 12 p.m. Society for International Development luncheon—Norman Gall, American Universities Field Staff, will speak on "Chilean Agrarian Reform." The public is invited. Room C, Crossroads Cafeteria.
- 7:30 p.m. Hockey—MSU vs. Colorado College. Ice Arena.
- 8 p.m. "Little Green Men"—The theory of extraterrestrial life in the universe is the topic of this continuing presentation in the sky theatre. Following the 8 p.m. shows, there will be a special session on the current sky with outdoor observation if weather permits. Abrams Planetarium.
- 8:15 p.m. Concert—An all-Mozart program will be presented by the official orchestra of the city of that composer's birth. The Orchestra of the Salzburg Mozarteum will perform under the baton of Leopold Hager, with the leading baritone of the Metropolitan Opera, Walter Berry, as soloist. Auditorium.
- 10 p.m. "Little Green Men" (see above). Abrams Planetarium.

SATURDAY, MARCH 3, 1973

- Women's State Basketball Tournament. Women's IM Bldg.
- 10 a.m. Fencing—Big Ten. IM Sports Arena.
- 2:30 p.m. "Little Green Men" (see March 2). Abrams Planetarium.
- 7:30 p.m. Hockey—MSU vs. Colorado College. Ice Arena.
- 8 p.m. World Travel Series—Edgar T. Jones will tell tales of the capture of eight Beluga whales, the experience of bush flying, and the famous reindeer roundup at Kidluit Bay in "Arctic Canada." Auditorium.
- 8 p.m. "Little Green Men" will be followed by a skywatching session (see March 2). Abrams Planetarium.
- 8:15 p.m. Concert—MSU's undergraduate Percussion Ensemble will feature the first performance of "Three Things for Dr. Seuss" by faculty member Jere Hutcheson and the first local performance of "Los Dioses Aztecas" by Gardner Read. There is no charge for admission. Music Auditorium.
- 10 p.m. "Little Green Men" (see March 2). Abrams Planetarium.

SUNDAY, MARCH 4, 1973

- 4 p.m. Concert—In his third appearance as part of the MSU Orchestras' First International Festival, Czechoslovakian conductor Bystrik Rezucha will lead the Symphony Orchestra with Rolf Schulte of Germany as soloist. Works to be performed include the U.S. premiere of "Double Portrait" by Juraj Hatrik, the first complete performance at MSU of "Symphony" by Gary White, Felix Mendelssohn's "Concerto in E Minor, Op. 64" and Jan Sibelius' "Symphony No. 2." Fairchild Theatre.
- 4 p.m. "Little Green Men" (see March 2). This is the final showing. Abrams Planetarium.
- 8:15 p.m. Graduate recital—Gertrude Huisman, mezzo-soprano. Music Auditorium.

TUESDAY, MARCH 6, 1973

- 12 p.m. University Club luncheon—Sidney Singer, director of the Michigan State Civil Service Commission, will speak on "Civil Service Revisited."
- 8 p.m. "Pioneers of Modern Painting"—Parts V and VI of Lord Kenneth Clark's widely acclaimed film series will include works of Henri Rousseau and Edvard Munch. The program, sponsored by the Friends of the Library, is free of charge. 100 Engineering.
- 8:15 p.m. "No Place to Be Somebody"—The foiled ambitions of a hustler are the focus of this Performing Arts Company presentation. Tickets are available from the Dept. of Theatre boxoffice, 149 Auditorium. Arena Theatre.
- 8:15 p.m. Chamber Music Series—Internationally recognized harpist Nicanor Zabaleta, who has given more than 2,500 recitals around the world and has played as soloist with more than 100 symphony orchestras, will perform. Fairchild Theatre.

WEDNESDAY, MARCH 7, 1973

- 8 p.m. "Pioneers of Modern Painting" (see March 6). 100 Engineering.
- 8:15 p.m. "No Place to Be Somebody" (see March 6). Arena Theatre.
- 8:15 p.m. Lecture-Concert Series—The National Dance Company of Senegal will appear as a special addition. The 42-member dance and acrobatic troupe presents the ways of life of the Senegalese people. Auditorium.

THURSDAY, MARCH 8, 1973

- 6:30 p.m. Environmental films—Five films showing man's impact on the environment and what can be done will be shown at no charge. E. McDonel lounge.
- 8:15 p.m. "No Place to Be Somebody" (see March 6). Arena Theatre.
- 8:15 p.m. Concert—New Musical Arts Ensemble. Music Auditorium.

FRIDAY, MARCH 9, 1973

- 8 p.m. "The New World"—An original science fiction program with an underlying ecological theme, this new show in the sky theatre incorporates multi-media visions, periods of total darkness, and total stereo sound. Skywatching session follows. Abrams Planetarium.
- 8:15 p.m. "No Place to Be Somebody" (see March 6). Arena Theatre.
- 10 p.m. "The New World" (see above). Abrams Planetarium.

SATURDAY, MARCH 10, 1973

- 2:30 p.m. "The New World" (see March 9). Abrams Planetarium.
- 4 p.m. Basketball—MSU vs. Wisconsin. Jenison Fieldhouse.
- 8 p.m. "The New World" (see March 9). Abrams Planetarium.
- 8:15 p.m. "No Place to Be Somebody" (see March 6). Arena Theatre.
- 10 p.m. "The New World" (see March 9). Abrams Planetarium.

EXHIBITIONS

Kresge Art Center

The works of eight Michigan artists will be exhibited through March 25. The artists selected last spring by members of the art faculty, include Lester Johnson, Carole Mains Finley, Michael Hall, Susan Hauptman, Paul Welch, Olga Constantine, Patricia Quinlan, and Charles McGee. Gallery hours are 9 a.m. to 5 p.m. weekdays, 1 to 4 p.m. Saturdays and Sundays.

7 to 9 p.m. Tuesdays.

Museum

A sparkling display of more than 50 glass pitchers is featured from the collection of the late Gladys Ferden of Chesaning. The exhibit includes excellent examples of glassware designs popular in the 1880s.

CONFERENCES

- March 3-4 4-H Leadermete
- March 4-9 Executive Seminar in Sales Management
- March 4-9 Clark Equipment Supervisory Development Program
- March 4-9 Breathalyzer
- March 5-9 Basic Life & Health Insurance Institute
- March 5-9 AVMA Infectious Diseases in Cattle
- March 6 Occupation & Alterations to Flood Plains & Submerged Lands in Michigan

- March 7 The Age of Depression
- March 7-8 District V American Academy of Pediatrics

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.

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.