

Board action arouses concern, confusion

Persons administratively involved in the case of two nonreappointed faculty members who were granted a one-year extension by the Board of Trustees say they are confused by the Board action.

Bertram Murray, one of the two assistant professors of natural science who were granted the extension, said he thought the Trustee action was "courageous" and cited the action as a "hope for due process for non-tenured faculty members." (Eileen Van Tassell, the second assistant professor involved, was unavailable for comment.)

But Edward A. Carlin, dean of

University College, said he was disappointed and shocked by the action.

"It was a departmental decision (nonreappointment of the two) entirely," Carlin said, "and I thought it was a proper one. To have all of this overturned in one act by the Board is a disappointment, and difficult to explain to the faculty."

Gabel H. Conner, professor of large animal surgery and medicine and chairman of the University Faculty Tenure Committee, said he didn't really know what the action meant, but that "it puts the natural science department

in a terrible position."

If the extension was granted to bring the two under new tenure rules already proposed by the tenure committee but not yet considered by the Academic Council or Senate — which would allow giving reasons, upon request, for nonreappointment — "then it's wrong," Conner said, "because the department had already taken the action, and I don't know how we can make our rules retroactive."

"To say the least," he said, "It will confuse the situation."

RICHARD SELTIN, acting chairman

of natural science (regular chairman Emanuel Hackel is away on sabbatical), said the department was "rather upset" and confused.

Faculty are upset, he said, because the procedures used were according to the bylaws which provided, for the first time, for the decision-making by the faculty rather than by the department chairman. (The decision-making body in the natural science department is an ad hoc committee consisting of all tenured faculty in the department.)

(Continued on page 3)

MSU News-Bulletin

Vol. 2, No. 25

Michigan State University

April 29, 1971

Council will consider two suggestions on tuition, physical education regulations

The Academic Council will be asked to approve two recommendations from the University Educational Policies Committee (EPC) at the Council's meeting Tuesday (May 4), at 3:15 p.m. in the Con Con Room of the International Center.

The EPC recommendations are:

- * Eliminate the current regulation that no charge is made for tuition credits in excess of 20 credits per term. The regulation, according to Provost John Cantlon, has been "highly abused," with students taking as many as 30 to 40 credits per term, and paying for only 20.

- * Delete the health, physical education and recreation (HPR) requirement, and clarify the catalog language on number of credits required for graduation. The catalog currently states that 180 credits are required, and that three additional credits of HPR are required but not included in the grade point average. The new graduation requirement would be 183 credits, without the HPR requirement.

W.D. Collings, professor of physiology and chairman of EPC, said the rationale to delete the HPR requirement is that physical education has improved at the high school level, partly because MSU graduates have gone out and conducted the programs. He also said that no sharp drop-off in HPR enrollment is anticipated without the requirement.

The Council will also hear a report from Robert W. Little, associate professor of metallurgy, mechanics and materials science and chairman of the business affairs committee, on a proposed policy governing hold cards.

The policy will be recommended to the vice presidents for business and finance and of student affairs. It was developed jointly by the business affairs and student affairs committees.

Hold cards are placed in a student's registration packet to prevent him from completing registration for any of three reasons: Failure to "meet a legitimate financial obligation to the University when due;" to contact a student

regarding pending judicial proceedings or if he has been suspended; or for not fulfilling a "duly established condition of enrollment."

There has never been an overall policy governing the use of hold cards, Little said.

ALSO ON THE Council agenda:

- * A report on plans for the June 3 Faculty Awards Convocation, at which time recipients of the Excellence in Teaching, Teacher-Scholar and Distinguished Faculty Awards will be announced.

The awardees have been named by committees accepting and considering nominations, but the names will be withheld until June 3.

The convocation will also include a brief address by President Wharton, and a special music piano solo by Ralph J. Votapek, assistant professor of music.

- * A report on the Association of Michigan Collegiate Faculties from Thomas Greer, professor of humanities, who attended the association's spring meeting last week.

The question of affiliating with the association is expected to be referred to the Elected Faculty Council. The association is an organization of faculty representatives from 13 Michigan institutions. MSU is the only major four-year institution in the state not affiliated.

New forms will streamline applications for retirement

New procedures designed to streamline the process for retirement will become effective May 1.

Gary J. Posner, director of staff benefits, announced that for the first time, a faculty or staff member planning to retire will do so with the help of a "request for retirement" form, the only action needed.

Once the form is completed and returned to the individual's department or administrative head, it will automatically set in motion the steps needed to get the request to the Board of Trustees for approval. It eliminates several steps that were once required.

The use of the new forms will clarify and expedite what has been a loosely defined process, Posner said.

Nonacademic employees (administrative - professional, clerical-technical, labor) should notify their immediate supervisors six months prior to retirement, he advised, and should submit formal application at least 60 days before retirement.

Academic faculty and staff usually retire on a July 1 or the first month after the close of a term. They are advised to set Dec. 1 as the date to file a request for a one-year consultantship, if eligible, when retirement is on a July 1.

Academic and nonacademic staff have separate retirement request forms.

Posner said that staff benefits also provide an informal retirement counseling service in which potential retirees are notified of their expected retirement pension and the effect of retirement on their other benefit programs.

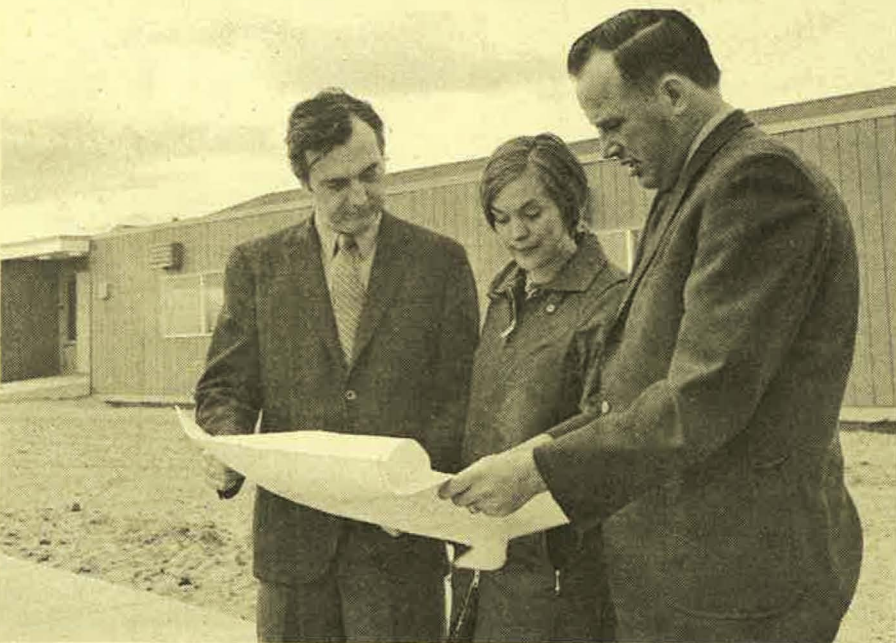
Further information is available from staff benefits, 344 Hannah Administration Building, phone 353-4434.

Grid tickets

Faculty and staff renewal applications for the 1971 home football season will be sent out this week, according to William Beardsley, athletic ticket manager.

Season tickets for five games are \$15 each, and employees may purchase tickets for spouses at the same price. The renewal deadline is May 15.

Faculty and staff who did not have tickets last year but who wish to buy them for next season will be able to get applications in their departmental offices early in May, Beardsley said. Further ticket information is available at the athletic ticket office, 355-1610.



The new day-care center for children of married students will go on display in an open house Sunday (May 2) from 2 to 6 p.m. Helping to ready the center in Spartan Village for service have been (from left) Donald Melcer, center coordinator and associate professor of family and child sciences; Elaine Williams, teacher-coordinator in the center; and Robert P. Boger, professor and director of the Institute for Family and Child Study. A story is on page 6.

— Photo by Bob Brown

In Brief...

THE TURF'S HOT. Artificial turf as a playing surface in athletics is hot — often 160 degrees or more, according to an MSU researcher.

Roy Mecklenburg, associate professor of horticulture, collected data in MSU's Spartan Stadium and in the Chicago White Sox baseball park. The highest surface temperature on Spartan's artificial turf was 163 degrees on Aug. 5, 1970, he reported, when the grass outside the stadium was 88.

Since the cooler temperatures of living grass result from evaporative water cooling, Mecklenburg applied water at different levels to determine cooling effects. He said that uniform application one - fifth inch of water will not splash up, run off or significantly alter the appearance while cooling the turf for a whole day.

FACULTY COMPENSATION. A report from the American Association of University professors shows that MSU ranks among the nation's leaders in average faculty compensation (salary plus benefits) on a nine - months' basis. But the University's average faculty compensation of \$17,159 ranks it in a tie for sixth (with Minnesota) among Big 10 institutions.

In average compensation by faculty rank, MSU is eighth in the Big 10 for its professors, seventh for associate professors, fourth for assistant professors and second for instructors. The Big 10 leaders are Northwestern and Michigan.

Nationally, the compensation leader is the graduate division of the City University of New York, followed by the Claremont Graduate School, Harvard, Brooklyn College of CUNY and CalTech.

CONTAMINATION LOWERED. Pressures from environmentalists and the government in the past year have helped halt, identify or remove most of the major sources of mercury contamination — but there's still work to be done.

Frank D'Itri, assistant professor of fisheries and wildlife, told the 75th annual meeting of the Michigan Academy of Science, Arts and Letters that indiscriminate disposal of products containing mercury "represents an important environmental contamination route into the nation's rivers, streams and lakes."

Such products are paints, pharmaceuticals, paper products, fluorescent lamps and batteries. "The problem gets back to the individual," he said. "The individual hasn't been prevented from using products with mercury in them the way industries have been stopped from discharging mercury in the last year."

Provost memo reiterates no-work, no-pay policy

In anticipation of the May 5 city - wide moratorium being called by the Lansing Area Peace Council as part of the antiwar "spring offensive," Provost John Cantlon has issued a memo to deans, directors and department chairman, reminding them of the no work - no pay resolution approved by the Academic Council Oct. 6, 1970.

That resolution reads: "Any member of the instructional staff who fails to

fulfill any provision of the approved Code of Teaching Responsibility shall be held accountable. The University will not make payment of wages and salaries to any person, who, without proper cause, chooses to withhold any of the services for which he or she is employed."

A similar resolution had been approved by the Board of Trustees in September, 1970.

At least one MSU professor has publicly announced that he will not meet his classes May 5, Cantlon told the Faculty Steering Committee on Monday.

The provost's memo outlines steps to be taken by deans, department chairmen and directors in cases of "unauthorized absences by instructors," including the reporting of such absences to the provost and providing "information as to the total load of the staff member, so that some estimate can be made of the percentage of service that has been withheld."

The University Committee on Faculty Affairs and Faculty Compensation, which is to be set up in July, will be asked to conduct a hearing in each case, Cantlon said, and to make recommendations to the provost for "suitable University response."

Baby animals ready for kids

Chicks, baby pigs, calves, lambs, colts and other baby animals will host children visiting the MSU farms this Saturday.

From 9 a.m. to 12 noon, all children and their parents are invited to University Farms, according to Dick Samson, College of Agriculture and Natural Resources student and chairman of Small Animals Day.

Maps and other information will be available for an information booth at Farm Lane and Shaw Lane on the south campus.

Last year more than 5,000 people visited the farms.

WMSB

SUNDAY, MAY 2

12:30 p.m. — "Shane and High Noon" is the final segment of "They Went That A Way." 1:30 p.m. — The actual courtroom trial of a Black Panther is presented in the first of four parts of "The City and County of Denver vs. Lauren R. Watson." 10 p.m. — In a special report, "Assignment 10" examines the new trend in rock music on "Jesus Rock." 11 p.m. — "NET Playhouse" begins a 15-part series of biographical dramas with a look at the career of antiwar poet Siegfried Sassoon.

WEDNESDAY, MAY 5

7 p.m. — Daniel Stolper, Karen Tuttle and David Renner perform "Two Rhapsodies for Oboe, Viola and Piano" on "Music from Michigan State."

WKAR

THURSDAY, APRIL 29

7 p.m. (FM) — MSU's New Musical Arts Ensemble performs under the direction of Larry Nelson.

FRIDAY, APRIL 30

1 p.m. (AM) — Hans Mattick, John Spiegel and Franklyn Zimring discuss "Violence in America."

SUNDAY, MAY 2

2 p.m. (AM-FM) — The Cleveland Orchestra features Three Nocturnes by Debussy, "Erwartung" and Kammer-symphonie by Schoenberg, and Arcana by Varese. 4 p.m. (AM-FM) — Duncan MacRae of the University of Chicago discusses "Reconciling Science and Democracy."

TUESDAY, MAY 4

11:30 a.m. (AM) — Sen. Robert Taft Jr. of Ohio is interviewed on "U.S. Senate — Class of '71." 8 p.m. (FM) — The Boston Symphony performs Schubert's Symphony No. 8, Schoenberg's Variations for Orchestra, Op. 31, Bartok's Concerto for Orchestra.

WEDNESDAY, MAY 5

11:30 a.m. (AM) — Norman Mailer is interviewed on "Bookbeat."

MSU News-Bulletin

Editor: Gene Rietfors

Associate editor: Beverly Twitchell

Associate editor: Sue Smith

Editorial offices: Rooms 323 and 324, Linton Hall, Michigan State University, East Lansing 48823, Phone 355-2285.

Published weekly during the academic year by the Department of Information Services.

Second - class postage paid at East Lansing, Mich. 48823

Winchester seeking to bridge the gap between two cultures

John Winchester is a man who functions in two worlds because he is the product of two cultures — white and Indian.

Winchester is a Potawatomi Indian who coordinates the office of American Indian Affairs in the Center for Urban Affairs. All of his efforts, he says, are directed at "running a program for the best interest of Indians first," which does not necessarily limit itself to MSU. He expresses hope of effecting some change in secondary school administration that will enable Indian children to get more than a capsule overview of their heritage in the history books.

"The thrust has been there for blacks," Winchester says, "but Indians are basically conservative and shy — we've not jumped on the bandwagon, but have been suspicious. Because of geographical locations of many reservations and tribes, Indians have suffered greatly. The key is education for our people — change through awareness."

And that's where John Winchester comes in — not only to help make his people aware of possibilities and opportunities that exist, but to help make the white population aware of its responsibility to create more opportunities through effective educational and social programs.

ON THE SUBJECT of Indian students at Michigan State, Winchester explains that there are so few enrolled here because there are so few Indian high school students from whom to choose.

"We're trying to function in two worlds — white and Indian — and I'm talking about change in Indian education and awareness by starting with the kids in elementary and high school."

Winchester currently is developing a system to increase the number of Indian

youngsters in school, but he is more concerned with a system that will keep them there once they are admitted. Winchester says his concern for the Indian student is from grades "kindergarten through life."

* * *

AMONG HIS SUGGESTIONS for improving the education of Indian students are: More creative and effective use of federal funds for Michigan

Indians; a reevaluation of curriculum criteria; a workshop for teachers of Indian children in order to provide a better concept of Indian culture; in-service help for teachers of Indian children; creation of a tutorial studies center within the school districts; development of more public relations efforts with the Indian tribal council.

— REGINA SHERARD



John Winchester: Fostering awareness of the Indian culture.

— Photo by Bob Smith

Carnegie report: Too little on objectives

In a major report issued last fall, the Carnegie Commission on Higher Education proposed several major changes in higher education and asserted that: Too many young people go to college for the wrong reasons and many shouldn't be there at all; in many cases, too much time is required to earn a degree; high school graduates have too few options available to them besides going to college; and current programs are not flexible enough to allow those of all ages to move into and out of colleges and universities. What follows is the first of two articles dealing with an analysis of the Carnegie Commission report by Robert H. Davis, associate director of MSU's Educational Development Program and professor of psychology.

* * *

The Carnegie Commission has issued a call for a major overhaul of the present operation and approach to higher education. Do you believe the commission is on the right track?

... At one level of analysis all of these comments or goals, whatever one wishes to call them, seem perfectly reasonable and they undoubtedly have some basis in fact. But when the commission translates these goals into specific programs, I begin to sense that some relatively simplistic assumptions have been made.



ROBERT DAVIS

The commission tells us, for example, that we should shorten the time to get a B.A. by one year and a Ph.D. and M.D. by one or two years. Frankly, I do not see how one can intelligently talk about how long an education ought to take or even where one ought to get it without first considering the objectives. In this context, I mean by the term "objectives" what we expect students to know or be able to do at the conclusion of some set of educational experiences. ... The report, in other words, spends too much time on the reorganization of degrees and too little time on the question of objectives.

Another suggestion of the commission

is that we should expand post-secondary training opportunities by providing more apprenticeship programs and short-term jobs. While I agree with this suggestion, the commission concentrates too much of its fire on institutions of higher education and the reorganization of academic degrees, and too little stress is placed on the rest of society and the failure of society at large to deal with many social problems that impact directly on the lives of young people.

American universities, after all, are embedded in a larger system. Among other things, the larger system is characterized by a very high unemployment rate, particularly among teenagers, and a wide range of rules, regulations and practices — some are codified and some are not — that prevent people from learning many useful vocational skills...

Obviously, it makes little sense to reorganize our degree-granting institutions to release young people for jobs that don't exist or for vocational training opportunities which are not available to them.

Also, I believe many young people come to the university with identity crises which the university experience helps them to resolve. The commission appears to be asking the society to give up the present system without specifying how it will then accommodate the students or help them to resolve such identity problems. Sometimes our critics have legitimate grounds for their complaints, but more often than not they are overlooking the many services a university provides. Some services are obviously and directly related to our educational mission, but others are not so obvious — such as helping highly motivated and bright young people find themselves, and preventing them from flooding a labor market which has no place for them...

The commission recommended four levels of academic degrees — associate after 1 - 2 years, B.A. after 3 - 4 years, and so on — to allow students to pause and continue their education at a later date without penalty. What is your reaction to this?

There is a good deal of disagreement about this matter of certification. But putting that argument aside, in the past, competencies have not generally been explicitly defined. The more

information one had about the specialty in which the degree was taken, the standards of the institution granting the degree, the professors offering the courses taken, and so on, the better one could predict the competencies of the individual students.

Graduate schools and industrial organizations, for obvious reasons, have been anxious to predict competencies because one of the most critical factors in designing a training program of any kind is an accurate assessment of what a student knows when he enters the program. But for a variety of reasons, this system seems to be breaking down. ... To the extent that we abandon standards at the university level and pass people regardless of achieved competencies, the usefulness of degrees in higher education as a means of certifying competencies will also decline.

The point of all this is that the letters A.A., B.A., M.A. or Ph.D. are symbols that signify something else, and the commission seems to overemphasize these symbols. The moment of truth comes when the symbols are translated into behavior. ... Frankly, I would like to see us place less emphasis on degrees and more emphasis on competencies. One step in this direction would be to specify more clearly on the diploma areas of specialization.

As for allowing students to pause and continue in their education at a later date, I agree completely. To some extent, it is already a fact of life. At MSU there is a great deal of mobility into and out of the University, and there is, also, a very substantial migration within the University from discipline to discipline.

Over 25 percent of our students require more than 13 terms to graduate. Our "no preference" option and the ease with which students can change majors makes MSU one of the most flexible institutions in the country. Allowing students to move at different rates is desirable.

Obviously, the University will have to accept and adapt to the fact that education in this day and age is a life-long enterprise. On the other hand, the curve of forgetting is one of the harshest facts of psychology and life, and when one is away from any subject too long, he suffers a serious disadvantage trying to learn new material alongside students whose entry skills are fresh.

(Part 2 next week)

Board action . . .

(Concluded from page 1)

They are confused he said, because: "Does it mean we should reconsider the decision? Why were just the two faculty members singled out from four who were denied reappointment?"

Among ramifications of the extension, Seltin said, are budget problems. With Miss Van Tassell and Murray on salary for another year, it is possible, Seltin said, that four department members who were to be rehired, may not be covered in the department budget.

Seltin said that Provost John Cantlon had told him that some action pertaining to Miss Van Tassell and Murray was anticipated for the Trustees' May meeting and that Cantlon suggested that reasons for nonreappointment of the two be available before then.

The department's ad hoc committee for reappointment and for tenure then scheduled a meeting for Monday, April 19, for the purpose of "getting reasons," Seltin said. But by then, the Trustees had acted at their April meeting, granting the one-year extension. Some of the Trustees expressed concern about due process being denied Miss Van Tassell and Murray.

* * *

THE AD HOC COMMITTEE then responded with a letter sent to Dean Carlin, Provost Cantlon and President Wharton "strenuously protesting the action."

The letter listed the procedures followed and said that "from the foregoing it should be evident that the action of the ad hoc committee was neither whimsical, capricious, nor coerced, and that due process was observed at all times.

"In our opinion, the Board has failed to consider our actions in this matter with sufficient care. When the import of this Board action is properly seen by the rest of the academic community, the corrosive effects on faculty morale will be University wide.

"If faculty decisions in matters such as these are set aside by rash Board

action, no future faculty committee will consider it worth its while to deliberate carefully on any matters as tenure, promotion, and governance...

"We acted in good faith, followed all existing procedures to the best of our collective ability. We spent long hours in hearing appeals and confirming the validity of our actions, only to be overruled without advance notice of the impending action, the benefit of due process, or common professional courtesy of a meaningful explanation of this action..."

The letter was signed by M.D. Engelmann, professor of natural science and chairman of the ad hoc committee.

Seltin said he prepared, at the request of President Wharton, a chronology of events, from the passage of the department bylaws in the spring of 1969, through procedures of the ad hoc committee which voted, against reappointment for Miss Van Tassell and Murray, through appeal procedures followed, including the appeal by the two faculty members to the Michigan Employment Relations Commission, to the April 16 action of the Trustees.

A departmental meeting was held this week, but after brief "heated" discussion, Seltin said, it was decided to meet again on the matter next week.

Seltin said another letter will be written to the Trustees, asking for their reasons, officially, for granting the extension, and asking what he called mechanical questions: What does the year mean? Is it part of a three-year appointment should they be reappointed? Does it mean a complete reconsideration? (The ad hoc committee had voted by about a five-sixths majority against reappointment, he said.) What is the deadline? Why just these two people?

Two other persons in the natural science department were notified of nonreappointment at the same time as Miss Van Tassell and Murray. One has resigned, and the other has been granted a one-year extension by the department to complete her doctorate.

— BEVERLY TWITCHELL

COGS expresses concern for graduate assistantships

The Council of Graduate Students (COGS) adopted a policy statement last week reflecting the group's concern for the future status of graduate assistants.

The statement, to be sent to all University departments, asks that students now employed as graduate assistants take no cut in their stipend. It also requests that departments continue to allocate funds with no decrease in stipend for present assistants. Many departments have suffered budget cutbacks that resulted in fewer available assistantships for graduate students.

In other action, COGS: *Elected Richard Trilling, physics graduate student, to the Graduate Council.

*Amended the judicial section of the graduate rights and responsibilities document, which goes for approval by the Academic Senate at its May meeting. Section 4.2.1.1. was changed to allow any of party involved in a judicial hearing to appeal an adverse

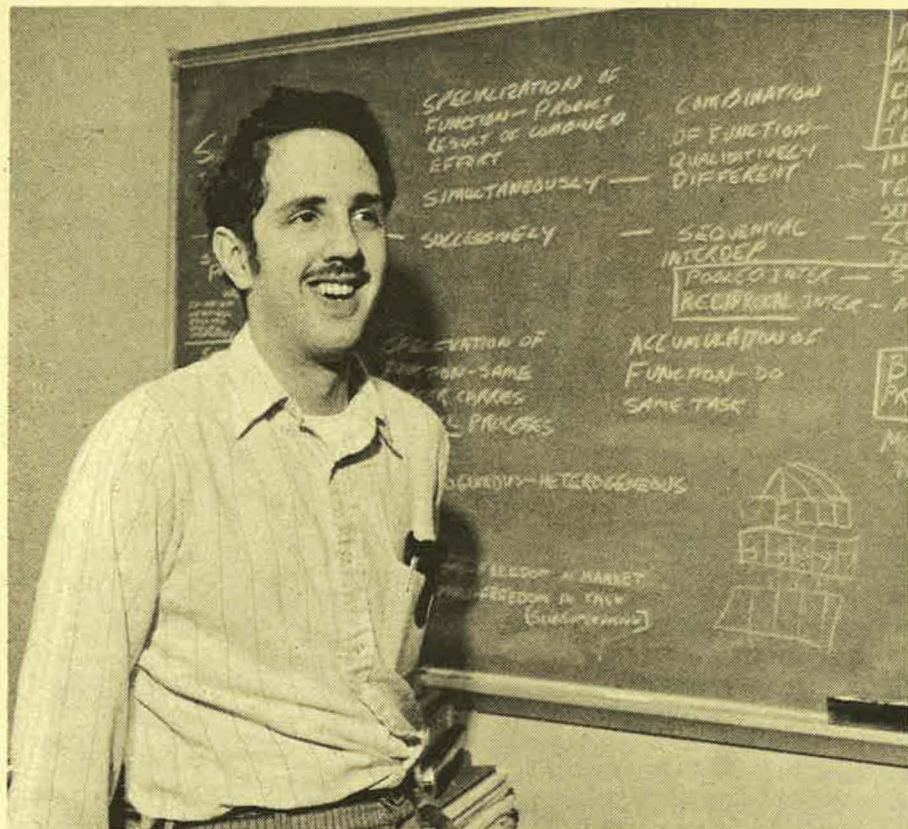
decision to a higher level. This does not apply in the case of disciplinary hearings, where only the party subject to the disciplinary action may appeal. Open hearings, or section 4.3.1.1 — providing that all judicial hearings be open — was approved. The exceptions would be disciplinary hearings.

Art exhibit

An exhibit of paintings, sculpture, prints and other work of the students in the art department will open Sunday (May 2) at the Kresge Art Center Gallery.

The exhibition, running through May 19, is to give an overview of student accomplishment and the instructional scope of the department.

Gallery hours are 9 a.m. to noon and 1 to 5 p.m. Monday through Friday; 7 to 9 p.m. Tuesday, and 2 to 5 p.m. Saturday and Sunday.



Harry Perlstadt: Teaching the complexities of a campus.

— Photo by Bob Brown

The faculty (No. 7)

Needed : place to buy bagels and other necessities of life

To keep Harry Perlstadt happy, Lansing would need a good auditorium for more cultural events and a place to buy bagels and other necessities of life.

In spite of Lansing's inadequacies, Perlstadt says he really enjoys teaching sociology at MSU. He has been teaching courses in the field of complex organizations since he came here in 1968 from the University of Chicago, where he studied under Peter Blau and Edward Schills, masters in his field.

Each term Perlstadt tells his students he is finishing his Ph.D. thesis on the division of labor in medical schools, but every term he says he gets more caught up in teaching and advising and the "almost complete" thesis remains almost complete.

In fact, the piles of notes divided into chapters have become a permanent decoration in his office and the names of Blau, Schills, Wolf and the University of Chicago Press are repeated many times on the bindings of his research library. The telephone is on the top of the bookcase — it doesn't fit on the desk.

* * *

ALTHOUGH PERLSTADT was born in Chicago, Michigan isn't new to him. He did his undergraduate work at the University of Michigan.

Concert Sunday

Warren Covington, onetime director of the Tommy Dorsey Orchestra, will appear as trombone soloist with the MSU Wind Ensemble at 4 p.m. Sunday (May 2) in Fairchild Theatre.

Covington and the 47-piece ensemble conducted by Kenneth Bloomquist will premiere a new work for trombone and band by composer Claude T. Smith.

The concert will also feature the MSU Jazz Ensemble, conducted by Bruce Early, playing numbers Covington has performed.

Tickets will be available at the door or the Union Ticket Office, Campbell's Smoke Shop, Campus Music and Marshall Music in East Lansing. They are \$2 for regular admission and \$1.50 for students.

Perlstadt says his claim to fame at MSU was giving last spring's strikers a few lessons in "how to organize a revolution" — not that he is a revolutionary, he says.

He was discussing in class the university as a complex institution, and, surprisingly, his students came to class and even the strikers marching in Berkey Hall dropped in to hear the lecture.

Did he help the students? He thinks so; some even came back to ask him more questions. He quoted Lenin: "A student strike is bound to fail." But Perlstadt added: "It had to break out."

"But these kids didn't know anything about organizing a strike, and I answered some of their questions from Lenin, Marx and Max Weber."

Perlstadt doesn't think the universities will have another strike this year. Instead they will just celebrate a remembrance of last year, unless something new happens to arouse their collective conscience.

* * *

"WHEN I WAS an undergrad at U-M, I worked on the Michigan Daily with Tom Hayden and we all thought we were the New Left," Perlstadt said.

Hayden was one of the founders of the Students for a Democratic Society (SDS) in the early 60s and the Michigan Daily, the U-M student newspaper, became known for its slanted reporting.

According to Perlstadt it wasn't that conservatives weren't allowed to work for the paper, it was just that students concerned with the issues were more willing to work for the paper and seemed more of the reformist "left."

This term Perlstadt is branching out, teaching a course in the Family in Contemporary America.

"But after all, isn't the family a complex organization?" he asks. "It certainly has profound effects on its members and a definite organizational structure."

"I like the students and I really like the department," Perlstadt says. "Now if it were just for the bagels."

DENISE McCOURT

More faculty-staff volunteers needed

Abandoned by her parents, a 13-year-old girl decides that she must not be fit to love.

A grandmother of four, able only to totter around the house, cries in front of the television because she hasn't seen another human face for five days.

A mother of six neglects much-needed surgery because she can't afford a babysitter.

Throughout the Lansing area, people need help from other concerned people. The MSU Office of Volunteer Programs is seeking to meet that need better by encouraging faculty and staff participation.

John Cauley, director of the Volunteer Bureau, said that the most urgent demand is for volunteers for the Big Brother-Big Sister program, where more than 50 vacancies now exist.

Big Brothers and Big Sisters would be assigned a child of their own sex, and would be expected to spend at least three hours a week with that child. The children, referred by social service agencies, are usually underprivileged, from single-parent homes, and 6 to 16 years old.

Children currently waiting assignment to a Big Brother include a 14-year-old boy who is described as "sensitive, lonely, and bright," an 8-year-old fatherless boy interested in cars, motors, and models who "is easily frustrated and loses his temper," and a 10-year-old with serious difficulties at school who needs "positive male guidance and friendship."

Big Sisters are needed for a 13-year-old girl with many family responsibilities who needs to get out and enjoy herself, a 15-year-old quiet girl who needs someone to talk to, and a 6-year-old who has trouble relating to her peers and demands a great deal of attention.

Another area of great need, said Cauley, is volunteers for the Emergency Service Corps (ESC). This program is designed to provide on-call help to fill temporary community needs for manpower.

ESC volunteers babysit, paint houses, do simple carpentry work, help move families, provide transportation, provide temporary care for the disabled — whatever needs the community has that cannot be filled through existing agencies. ESC volunteers, Cauley said, can be expected to be contacted once every two weeks.

The 4-H Urban Program, designed to provide learning opportunities for low-income youths, also needs volunteers. Volunteers would meet two to three hours a week with small interest or hobby groups.

At the Ingham County Extended Care facility, volunteers are needed

Seven awards

Seven women students were awarded graduate scholarships Wednesday night by the Faculty Women's Association during the group's annual dinner. Guest of honor and speaker was Patricia Carrigan, member of the Board of Trustees.

Graduate students receiving scholarships were: Merrilee Helmers, doctoral student in statistics; Sister A. Kern, master's student in education; Kristine Kullberg, master's in applied music; Nancy Oppenlander, doctoral candidate in political science; Alida Quick, master's in psychology; Nualsri Yiempat, master's in agricultural economics; and Nancy Zegaren, senior in mathematics.

simply to make friends with the elderly patients there. Volunteers may begin a recreation program, or "adopt a grandparent" and work on a one-to-one basis.

In hospitals, schools, training programs, and other institutions, for children, adults, and the elderly, faculty and staff volunteers are needed. Persons interested are asked to call the Office of Volunteer Programs at 353-4400.

— PATRICIA GRAUER

Huff says funds needed

The need for more funding at the graduate level and the role of the University in today's changing society were discussed last week by Trustee Warren Huff and Milton E. Muelder, dean of the graduate school.

Speaking to some 50 graduate students and faculty members at Owen Graduate Hall, Huff said:

"We have not been successful in selling the legislature on the importance, complexity and cost of our graduate programs."

Huff also showed statistics stating that the percentage of graduate students at the University had increased from 17.4 percent in 1960 to 20.6 percent in 1970. The gain in graduate students from 1960 - 70 was 4,677 or 127.9 percent (compared to an undergraduate gain for the same period of 85.2 percent).

Another area which he said needs improvement is loans to graduate students. He estimated that less than 5 percent of graduate financial aid is in the form of loans.

Huff said that total graduate aid for 1970 - 1971 was \$6,327,242, most of it in the form of graduate assistantships and the remainder in scholarships and fellowships from the graduate office, federal government and Equal Opportunity Office.

Bach Society will perform

The 40-voice London Bach Society will be heard in concert at 8:15 p.m. Monday, (May 3) in the Auditorium.

Performing under its conductor and founder, Paul Steinitz, the group will present works by Bach, Mozart, Henry Purcell and David Matthews. The program is the season's final attraction in Series "B" of the Lecture - concert Series.

The chorale performs with its own 20-piece orchestra organized by Steinitz to more precisely interpret his musical ideas.

The group will perform Bach's "Christus, der ist mein Leben," a cantata composed for the 16th Sunday after Trinity, and "Also hat Gott die Welt geliebt," a cantata which contains the famous excerpt, "My heart ever faithful." Other works will include "Stars" by David Matthews, "Overture Ode for St. Cecilia's Day (1692)" by Henry Purcell; "Sing unto God," a wedding anthem by Handel, and "Vesperae solennes de Confessore," composed in 1780 by Mozart.

Tickets are available at the Union Ticket Office.

'University not an action agency'

President Clifton R. Wharton Jr. delivered the third in a three-part series of speeches on the "pluralistic university" last Friday in Kalamazoo before the Michigan Academy of Arts and Sciences. He spoke on "The University's Quest for a Social Role." Following are excerpts from that address:

* * *

I believe we stand at the threshold of another revolution in higher education comparable to that which spawned the land-grant system — a system which in many ways constituted the first major development of a conscious external role by higher education. I believe that an important part of today's revolution will be a broadened social role.

But . . . there is the dilemma of assuming a responsible role in inducing social progress without politicizing the university as an institution.

The university is no surrogate for society. We cannot become the major or sole agency to combat all problems. The university is not an action agency. To use it as such would surely destroy the university. Thus, our involvement is likely to be more unique and revolutionary than we realize.

* * *

WE NEED NEW alternatives for a new society. As any university examines its role in the transformation of society and the resolution of societal problems, it may be helpful to consider three basic interrelated functions: The research process, the knowledge delivery system, and the experimental development of new institutions.

In research the university is in much the same situation as many of the professions today: Respected for their knowledge but progressively losing credibility for a failure to serve society to their fullest capacity.

Academics usually find it hard to believe, but the cruel fact is that tangible results are the only things that the public will likely ever understand about research. It is a political fact of life that basic research has almost always been made legitimate in society's eyes by the productivity of applied research . . .

It is not a valid political argument today to say that

university research has made a major social contribution yesterday. The question always asked is what are we doing today. The university must improve its contributions to the solution of major current problems if research expenditures are to find continuing public support at either state or federal levels.

There is little doubt in my mind that we have the knowledge and the resources to work on many crucial problems of the day. What is clearly missing is an effective two-way delivery system adapted to a rapidly changing world. The university must assume some greater responsibility in delivering its knowledge if its research function is to regain public support.

* * *

MUCH OF THE WAY in which universities deliver their knowledge is at its best restricted and at worst archaic. Historically, universities have depended primarily on educating the youth of each generation to infuse knowledge and a sense of the values necessary for successful leadership. We thus tend to adopt a classic posture of noninvolvement in the social process, in the expectation that our students will become tomorrow's leaders with major policy and action roles.

However, the rapidity of change has increased to the point where educational processes which previously could transmit storehouses of knowledge to our youth will no longer suffice. By the time the younger generation attains a major leadership role in our society, their knowledge and skills are likely to be obsolete and their values anachronistic.

The university's new delivery system should be designed to articulate the university's relationship with society in two ways: First, through a broadening of its formal and informal educational processes to reach the full adult spectrum of society; and second, through a coupling of its research and educational capacities with the developmental processes of our society on a highly selective basis . . .

The institutional as well as the individual staff member's function in my conception of the

"pluralistic university" is one of a collaborator in problem solving rather than solely a policy adviser or expert. Our function should never be that of the social decision-maker or action agency.

The university must amplify its institution-building role in society. Historically, the land-grant university has assisted society in designing new institutional arrangements where the old ones were inadequate, especially in agriculture.

Certainly, the university is not the exclusive agent for institution building, but it does have a unique capacity for high-risk experimentation. The university often has expertise which is unavailable elsewhere in society. And because the primary motivation is neither political nor proprietary, it can disengage itself once the new institution can function independently.

* * *

THE "PLURALISTIC UNIVERSITY" involves a conscious, value-based, and institutional commitment to transforming society and resolving problems. If academic problem solving is to be determined and coherent, it must be planned and directed. If it is to have any chance of dealing successfully with the problems that plague society today, it must be mounted on an adequate scale and have the capacity for mobilizing all its disciplines and expertise . . .

These characteristics tend now to be lacking in much of the university response to society's problems. We try to be all things to all sectors and all problems. We cannot. But we can play a critical and selective role for some key sectors . . .

What I am suggesting here is a true marriage of research and teaching in its most socially relevant context — a union which amplifies the faculty's participation in our society through informal access to the decision and institution-building processes of our society. The effect should be to deepen and enrich both teaching and research . . .

The standing committees

Faculty affairs: Focus on the budget

Sandra Warden, associate professor in Justin Morrill College and chairman of the University Committee on Faculty Affairs, laughed and said that indications are that faculty think her committee doesn't do much.

But the record will show that the faculty affairs committee is indeed a busy group.

At the faculty's request (through the Elected Faculty Council) the committee

made a massive study into collective bargaining at other institutions and gathered views on collective bargaining for faculty from legislators, administrators and faculty.

The committee was also responsible for polling MSU's faculty on its feeling toward collective bargaining, receiving a 71 per cent return.

The faculty affairs committee,

through its six subcommittees, has also been responsible for:

- Developing a close working relationship with the provost's office for working on budget requests, and last year, according to Mrs. Warden, made strong recommendations on the budget for the first time.

- Studying the area of fringe benefits and retirement and making suggestions to the central administration which resulted last year in changes in long-term disability, life and health insurance policies.

- Studying and reporting to the provost on the University's policy on overload pay.

- Studying the question of faculty status for non-faculty personnel (a question the committee thought should be further considered by a larger ad hoc faculty group).

- Initiating a committee which is developing a document on faculty rights and responsibilities.

- Reviewing the faculty bylaws and recommending changes, including several which were approved last year by the Academic Council.

The past year has seen some significant changes for the committee, Mrs. Warden said, particularly in a switch from a focus on the bylaws to a focus on faculty compensation. In July the switch will be complete and formalized, in the transformation of the faculty affairs committee to the University Committee on Faculty Compensation and Faculty Affairs. If the Taylor Report on student participation in academic governance is ever approved, review of the bylaws will come under the purview of the proposed Committee on Academic Governance.

MRS. WARDEN EXPRESSED concern about the "misinformation on when things happen and what controlling influences anyone has." The feeling among faculty seems to be, she said, that "somehow, if only men were more conscientious, things would be significantly improved."

She spoke of the faculty's "significant kind of input on persuading the Trustees and central administration" concerning faculty compensation needs.

Because of the concern over misinformation, the compensation subcommittee is preparing a report about the stages of the University's budget preparation and the faculty's input at the various stages. (See related story.)

The compensation subcommittee also polled the faculty about two months ago on how they (the faculty) felt additional monies ought to be distributed.

CONTINUING WORK for the faculty affairs committee include the budget, with particular interest in how money should be distributed; fringe benefits; faculty rights and responsibilities; faculty load; and the "fringes of collective bargaining," Mrs. Warden said.

Student participation on faculty affairs matters? It has not been recommended in the Taylor Report, and the idea was specifically rejected by the Academic Council and by the Board of Trustees. Mrs. Warden said the "kinds of matters raised with the faculty affairs committee are generally totally irrelevant to student concerns."

Besides, she said, "I can't imagine any student who would be interested. . . . By and large, our meetings are dreadfully dull."

Raise senior faculty salaries, compensation poll indicates

Efforts to improve the salary standing of senior faculty were given the most support in a recent faculty poll conducted by the compensation subcommittee of the University Faculty Affairs Committee.

A questionnaire was sent to 2,387 faculty members and returned by 1,295 (54 per cent). It asked respondents to rate the top three salary guidelines from among six items listed.

A total of 356 respondents listed "improve the standing of senior ranks (associate and full professors) relative to other Big 10 universities" as the top priority.

Voted second priority was a salary guideline calling for "reward on the basis of merit." The third ranking priority was "distribute across the board, fixed per cent adjustments for all faculty to help meet the cost-of-living increase."

Other guidelines, listed in the order

of their rating in the questionnaire results, were: "Improve the standing of 12-month appointments relative to 10-month appointments;" "distribute across the board, equal dollar amounts for all faculty to help meet the cost-of-living increase;" "improve fringe benefits;" "make no University-wide distinctions and allocate according to prevailing departmental and college practices."

* * *

THE CHAIRMAN OF the subcommittee, Donald K. Anderson, said the questionnaire is part of the group's continuing efforts to provide faculty voice in budgetary planning.

Anderson, professor of chemical engineering and of physiology, pointed out that the faculty affairs committee has been involved with the University's budget request since last fall, and that the group plans to maintain that involvement as the request moves through the Michigan Legislature.

Credit Union has money for all reasons

One summer the MSU Employees Credit Union received an unusual request for emergency funds from a member atop Alaska's Taku Glacier.

Maynard M. Miller, professor of geology and director of the annual Summer Institute of Glaciological and Arctic Sciences, asked for \$3,000 to pay for a helicopter to rescue student explorers from emergency situations and carry supplies into 20 research camps in the glacier area.

Miller received the money within 21 hours.

"It was all in a day's work — just part of the individualized service we strive to give each Credit Union member," says Mrs. Frances Lesnieski, general manager

* * *

SERVICE HAS BEEN the key word at the Credit Union since a handful of University employees established the nonprofit organization in 1937. Only two services were offered at that time: Savings accounts and low-interest loans.

Today's Credit Union has 14,000 members, has some \$18 million in assets and offers 34 services under the five broad divisions of savings, loans, insurance, special services and consumer information.

But officials aren't satisfied.

"Our goal is to have every MSU employee as a member of the Credit Union because we're here to serve them," says Jim Robie, associate manager.

Any full or part-time University employee, anyone employed by an on-campus organization or working in a campus-related activity is eligible for membership. For \$5, an employee gets one share and may participate in any CU services.

Established services grow out of the recurring needs of members who sought help at the Credit Union.

"Our consumer information service is one of our newest and most popular programs," Mrs. Lesnieski said. "We can provide product information that the consumer can't obtain from any other source."

As an example, she cited car purchase counseling. Once a member has scouted the market and decided on the type of new or used car he wished to purchase, he can consult the Credit Union for price information.

In another area of consumer service, the Credit Union in 1961 joined other Michigan credit unions to found the Co-Optical Service, where a \$1 fee entitled a family to eye examinations and eyeglass service at a minimum charge.

Probably the most convenient CU Service is the payroll deduction savings plan, which provides an automatic deduction from an employee's paycheck into his CU savings account.

* * *

THE VARIOUS LOAN services are the most frequently used Credit Union programs. During 1970, approximately 11,700 loans were made to Credit Union members in the total cash amount of \$14,217,739.

"We try to make the process of obtaining a loan as simple and uncomplicated as possible," Mrs. Lesnieski said.

"In many cases one of our loan officers can approve a member's loan application at the time the request is made. If special attention is required, the application is considered by a five-member credit committee which meets twice a week."

Married students' new day-care center will have open house this Sunday

Members of the campus community and the public will have a chance to inspect the new day-care facility for children of married students during an open house Sunday (May 2) from 2 until 6 p.m. The center is located on the south edge of Spartan Village at Middlevale and Crescent Roads.

Proposed last year by a student-faculty coordinating committee and authorized in January by the Board of Trustees, the 10-unit, prefabricated facility opened earlier this month to 70 children, from infancy to 6 years old. By the time it goes into full operation this fall, it will accommodate 100 to 120 youngsters.

It is open from 7:30 a.m. to 5:30 p.m. Monday through Friday to serve children of married students living either on or off the campus.

The center is part of a service to student wives who either work or attend classes. A survey taken last fall among married students showed that a day-care center was the major need expressed.

But the center will be equally important as a research and training facility, pointed out Robert P. Boger, professor of family and child sciences, and director of the Institute for Family and Child Study.

"Its training function began the day it opened," he said. "We wouldn't be able to operate it without student interns and those who will be earning training experience for coursework." About 30

graduate assistants, interns and other students help make up the staff, which includes a full-time coordinating teacher, Elaine Williams, and two half-time nurses.

The center's overall coordinator is Donald Melcer, an associate professor of family and child sciences.

Students working in the center are from family and child sciences, Department of Psychology, Counseling Center and the College of Education.

A third major activity in the facility is research, Boger said. The institute has already relocated its infancy study laboratory there, and several other researchers have studies planned for the center.

STUDENT FAMILIES USING the day-care center are charged \$25 a week per child, based on a daily charge of \$5 a child (or a half-day rate of \$2.50). Boger said that tuition fees received will support the center's operation and will go toward repaying the University for the cost of the facility.

The students themselves have already begun efforts to establish a "scholarship" fund, and plans are underway to set up a tuition based on ability to pay.

* * *

THE INSTITUTE for Family and Child Study is less than a year old. A unit of the College of Human Ecology, it is aimed at promoting and coordinating research in the family and

Members of the credit committee, elected by the membership are:

Howard C. Zindel, professor of poultry science; Theodore L. Smith, assistant manager of residence halls; John H. Reinhoehl, professor of humanities; and Mrs. Marilyn O'Leary and Mrs. June Carpenter, CU staff members.

The membership also elects a nine-member board of directors which is responsible for overall management. Vern Severance, manager of general stores, is president of the board.

* * *

DESPITE THE PERSONAL attention given to each member and a constantly expanding list of services, the Credit Union faces stiff competition from other financial institutions.

Mrs. Lesnieski cites three reasons for the competition:

*A great deal of misinformation about credit unions. Salesmen often advise customers not to go to a credit union for financing because the business may receive part of the finance charge if the customer goes to another loan institution.

*Credit cards may provide a quicker and more convenient way to charge a purchase. But few people take note of the 18 per cent interest which is added to the bill if payment extends over 30 days after purchase.

*Many people don't understand how interest is computed on a loan, so the CU method of computing one percent a month on the unpaid balance of a loan doesn't seem to offer any advantage over rates of other institutions that lump interest with principal.

Mrs. Lesnieski said the Credit Union is battling competition by trying to inform University employees about the advantages of Credit Union membership and by expanding services.

Plans for the future include opening a Co-Optical Service center on campus and, by joining credit unions across the country, creating a national fund transfer system.

Under the system, a member of the MSU Employees Credit Union will be able to walk into any credit union center in the country and make use of its services on the basis of his MSU membership.

— RITA RICE

A-P spring meeting set

A status report on benefit improvements and elections of officers head the agenda for the spring meeting of Administrative - Professional Association Wednesday (May 5) at 8 p.m. in the ballroom of the Faculty Club.

Included in the executive board's report will be a discussion of the progress in meetings between the board and administration representatives on proposed A-P benefits improvements for 1971-72.

Scheduled to be elected are the president, treasurer and three members of the board of directors.

Names submitted by the A-P nominating committee include — President — William D. Kenney, assistant director of financial aids; treasurer — Warren C. McAlvey, loan collection officer, comptroller's office; board of directors — Carl Olson, news director of WKAR, Thomas Smith, manager of Mason - Abbot Halls and Paul Nilsson, superintendent of utilities in physical plant.

Additional nominations may be made from the floor.

Achievements

PHILIP G. COLEMAN, experiment station research photographer, delivered three invited lectures at the recent Photo Expo 71 in Chicago, sponsored by the International Photo Trade Fair. He also exhibited a series of 40 color prints.

DONALD H. KUIPER, assistant professor of medicine, has been elected a fellow of the American College of Physicians, an organization open to physicians certified as specialists in internal medicine and recognized for scholarly research. He joins five other faculty of the human medicine college: Scott N. Swisher, Allen J. Enelow, Leif G. Suhrlund, David S. Greenbaum and Tom M. Johnson.

ROBERT W. LITTLE, professor of metallurgy, mechanics and materials science, has won the Western Electric Award for his teaching achievements. He was one of 16 recipients honored at a meeting of the American Society for Engineering Education.

RUSSEL NYE, professor of English, has been elected to the American Antiquarian Society, the nation's third oldest historical society. Its purpose is the study and preservation of the American past, through collection and publication of historical documents.

T. WAYNE TAYLOR, professor in the Science and Mathematics Teaching Center, has been named president of the Michigan Academy of Professional Educators.

child sciences, and it includes faculty from human ecology, psychology, the Counseling Center and other departments.

"Interdisciplinary concepts can be talked about with ease," Boger said, "but functionally they are hard to achieve. The work of this faculty-student group is a good example of achieving those concepts."

The faculty-student board that coordinates the day-care center is also trying to encourage other programs in marriage and family development that can involve the center. And Melcer cited two other components centered on married student activities: Family development programs and a married student community organization.

The first includes a family issues series, he said, which focuses on such topics as parent-child interaction and family enrichment. The community organization is designed to encourage community, social and cultural activities for married students.

Faculty members of the student-faculty board are Mary Leichty and Robert Zucker, psychology; Arnold Berkman and Gershen Kaufman, Counseling Center; and Melcer and Alice Whiren, family and child sciences. Student members are Clifford Mitchell, Jim Doub, Penny Olsen, Judy McClain and Sue Emery.

Bulletins

ACADEMIC COUNCIL The Academic Council will meet at 3:15 p.m. Tuesday, May 4, in the Con Con Room of the Center for International Programs.

BOARD OF TRUSTEES The next meeting of the Board of Trustees will be held on Friday, May 21. Items to be included in the agenda must be in the Provost's Office or the Executive Vice President's Office by noon Monday, May 3.

OPENING EXHIBIT You are cordially invited to an opening in the Kresge Art Center Gallery, 2-5 p.m., May 2 for the Student Exhibition. Refreshments will be served.

POLISH FILM SHOWN The Russian and East European Studies Group will present a Polish film entitled "Border Street" at 7:30 p.m. Monday, May 3, in 104B Wells Hall. No admission charge.

ASIAN STUDIES LECTURE Visiting Professor Loren Fessler of the American Universities Field Staff will give a lecture entitled "Ping Pong Diplomacy: How Many Can Play?" concerning U.S. - Chinese - Soviet relations at 3:30 p.m. Friday, May 7, in the Wonders Kiva.

BOTANICAL CLUB The next meeting of the Red Cedar Chapter of the Michigan Botanical Club will be held at 7:30 p.m., Tuesday, May 4, in Room 168, Plant Biology Bldg. Robert Zahner, professor of forestry, University of Michigan, will present a lecture on "Backyard Ecology." All interested persons are invited. For more information, call 5-4694.

STUDENT EXHIBIT More than 300 student-produced handicrafts will be displayed when "Design '71" opens Sunday, May 2, at the Union. Exhibits include woven wall hangings, place mats, scarves, textiles, sand casting, copper embossing, and enamel and glass mosaics. The show will open at 2 p.m. and run through Friday. Throughout the week the exhibit area will be open 9 a.m.-5 p.m.

EVENING COLLEGE The Evening College is presently developing its noncredit course program for the coming fall term. Faculty and staff members interested in teaching in the Evening College fall program should submit course ideas to Dr. Charles A. McKee, Director of the Evening College, 19 Kellogg Center, or phone 5-4562.

"ENCOUNTER" SLIDES A slide presentation on "Encounter in Latin America," a travel-study seminar on developing nations, will be shown at 7:30 p.m. Thursday, April 29, in Room 102, Kellogg Center. Slides from last year's Encounter trip will be shown for those interested in the July 3-25 trip which is open to anyone interested. It is not necessary to speak Spanish to participate. The trip to Ecuador and Colombia is offered by the Continuing Education Service.

BORLAUG TO SPEAK Nobel Peace Prize Winner, Norman Borlaug, will present the 1971 Distinguished Lectures in Agriculture and Natural Resources on Tuesday, May 11. All faculty and students are invited. Schedule: (1) Seminar on "The Continuing Need for International Development Programs," 9:30 a.m., 106B Wells; (2) seminar on "The Future Challenges Include Production," 2 p.m., 109 Anthony; and (3) lecture on "Green Revolution - Its Genesis, Impact, Dangers and Hopes, 8 p.m., University Auditorium. Prior to the evening lecture, Borlaug will be awarded the honorary Doctor of Science degree by MSU.

EMPLOYEE'S ASSOC. The annual meeting of the MSU Employee's Association will be held Wednesday, May 12, 1971, at 7:30 p.m. in Room 102B, Wells Hall for election of officers. Nominations will be presented by the nominating committee and names will be accepted from the floor. The following offices are to be filled: president, vice president, recording secretary, corresponding secretary, and directors-at-large (3). All interested clerical-technical employees of the University are invited to attend. Members only will be permitted to cast a ballot. Membership cards will be available at the door. If you are interested in working on the nominating committee, or running for an office, please contact Donna Irish, 5-3372.

SPRING BLOOD DRIVE The spring term blood drive, sponsored by the Arnold Air Society - AFROTC for the Lansing Regional Red Cross, will be held May 3-7 in the lower lounge of Shaw Hall. Blood may be given 2-8 p.m. Monday through Thursday; 10 a.m.-4 p.m. Friday.

BOSSSES HONORED The Business Women's Club will hold its annual Bosses' Luncheon Thursday, May 13, in the Big Ten Room of Kellogg Center. Guest speaker for the luncheon will be Bob Talbert, columnist for the Detroit Free Press. Members are reminded that reservations must be made by May 6 and group reservations must be sent in one envelope.

DAY-CARE READY The new day-care facility for children of married students will be open Sunday, 2-6 p.m. May 2. Located on the south side of Spartan Village, at Middlevale and Crescent Roads, it contains 10 prefabricated units designed to accommodate up to 120 children, from infancy to 6 years old.

HORIZONS ON WKAR This Saturday, Horizons will present "Head Start," a look at the program in the local and mid-Michigan area. Mike Smith and Doug Rook will interview Eileen Earhart of the Institute of Family and Child Sciences. Horizons can be heard over WKAR-AM (870) Saturdays at 5:30 p.m.

LONDON BACH PERFORMS As the season's final attraction in Series "B" of the Lecture-Concert Series, the 40-voice London Bach Society, widely acclaimed for its performances of the world's great choral music, will be heard in concert at 8:15 p.m. Monday, May 3, in the Auditorium. Performing under its conductor and founder, Paul Steinitz, the group will present works by Bach, Mozart, Henry Purcell and David Matthews.

KEEP COOL IN SUMMER This summer departmental offices will be able to rent a refrigerator for summer term. These are appliances normally rented to students through Dormitories and Food Services during the academic year. A 4 cubic foot refrigerator, cleaned and delivered, will rent for \$25. For more information, contact Mr. Andrews, 5-7467.

GAMUT ON WMSB Michigan's fifth largest industry is featured this Saturday, May 1, on Gamut. "Lumbering in Michigan" will explore the past, present and future of lumbering, one of the few resources being replenished. Robert Manthy and Henry Huber of the forestry department will discuss lumbering and show film depicting wood processing.

ARCHAEOLOGY LECTURE Bastian Van Elderen will discuss the recent excavations of early Christian churches in Jordan at 8 p.m. Thursday, May 6, in Kresge Art Center. In 1970 excavations near Amman uncovered 4th and 6th century churches with beautiful colored mosaic floors. Their significance for the history, art, architecture, and worship of the early Christian Church will be discussed in this illustrated lecture sponsored by the Central Michigan Society of the Archaeological Institute of America. The public is invited.

POPS CONCERT SUNDAY The Wind Ensemble will be featured in a light pops concert Sunday, May 2, at 4 p.m. in Fairchild Theatre. Guest soloist with the 47-member ensemble will be Warren Covington, former conductor of the Tommy Dorsey Orchestra, who will perform "Rhapsody for Trombone." Selections by the ensemble will include "Stoney End" and "One Less Bell to Answer." The Jazz Ensemble will also appear on the program. Tickets are available at the Union Ticket Office or may be purchased at the door. Admission is \$1.50 for MSU students; \$2 for the public.

DERBY DAY EVENTS The Faculty Club will hold a Derby Day Dinner Dance Saturday, May 1, beginning with a social hour at 6:30 p.m. Activities include horse racing, bridge and dancing and a special Kentucky Colonel's banquet. Reservations will be accepted through today or until the limit of 300 is reached.

CONFERENCES

April 3-May 1	Twentieth Century Literature
May 1	Michigan Home Economics Association
May 2-14	Management & Communications IV U.I.
May 3-6	Social Work Manpower: Effective Use of Resources Workshop
May 3-6	Coordinators of Alcohol & Highway Safety Projects
May 3-7	Juvenile Officers Course
May 5	Social & Technological Change & the Public Administrator
May 5-7	Agricultural Engineers Midwest Planning

May 6-7	Urban Health Sciences
May 9-14	Manpower Problems in Urban Areas

All Conferences are held at 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 Sue Smith, Dept. of Information Services, 109 Agriculture Hall, (517) 353-8819. Deadline for submitting information is 5 p.m. Tuesday preceding the Thursday publication. The calendar of events will cover an 8-day period, Friday through Saturday.

Friday, April 30, 1971

- 8 a.m. May Morning Sing—Featuring Tower Guard and Mortar Board students. Beaumont Tower.
- 7:30 p.m. International Film Series—"Falstaff" stars Orson Welles as the famous Shakespearean character. Tickets, \$1, available at the door. Auditorium.
- 8 p.m. Planetarium Program—"The New World" is an original science fiction drama created especially for presentation at Abrams.
- 10 p.m. Planetarium Program (see above) Abrams.

Saturday, May 1, 1971

- 9 a.m. Small Animals Day—All University Farms, featuring newlyborn farm animals, will be open until noon. Maps available that day at corner of Farm and Shaw Lanes.
- 1 p.m. Baseball—MSU vs. Michigan. Kobs Field.
- 2 p.m. Lacrosse—MSU vs. Ashland. Old College Field.
- 2:30 p.m. Planetarium Program (see Fri.) Abrams.
- 6:30 p.m. Faculty Club Derby Day Dinner Dance.
- 8 p.m. Planetarium Program (see Fri.) Abrams.
- 8:15 p.m. Graduate Recital—Organist John Courter will perform U.S. premiere of works by Erkki Salmenhaara, Finnish composer. Hart Recital Hall.
- 10 p.m. Planetarium Program (see Fri.) Abrams.

Sunday, May 2, 1971

- 12 Noon MSU Judo Invitational—Men's I.M. Sports Arena.
- 2:30 p.m. Planetarium Program (see Fri.) Abrams.
- 4 p.m. Planetarium Program (see Fri.) Abrams.
- 4 p.m. Concert—Symphonic Wind Ensemble will perform. Guest soloist will be trombonist Warren Covington. The Jazz Ensemble will also appear. Tickets, \$2 (MSU students \$1.50), available at the Union Ticket Office or at the door. Fairchild Theatre.

Monday, May 3, 1971

- 8 p.m. Faculty Club Family Night Buffet and Movies. Water sports films will be shown.

- 8:15 p.m. Lecture-Concert Series "B"—The 40-voice London Bach Society, conducted by Paul Steinitz, will present works by Bach, Mozart, Henry PURcell and David Matthews. Tickets available at the Union Ticket Office. Auditorium.

Tuesday, May 4, 1971

- 12 Noon Faculty Club Luncheon—Guest speaker will be Loren Fessler, AUFS lecturer, specialist on China and Taiwan.
- 3:30 p.m. Baseball—MSU vs. Western Michigan. Kobs Field.

Wednesday, May 5, 1971

- 3 p.m. Tennis—MSU vs. Michigan. Varsity Courts.
- 7:30 p.m. Faculty Club Informal Bridge.

Thursday, May 6, 1971

- 7:30 p.m. International Film Series—"The Fifth Horseman is Fear" explores the fear a doctor faces when asked to help a wounded member of the underground. Tickets, \$1, available at the door. Auditorium.

Friday, May 7, 1971

- 8 a.m. Golf—Spartan Invitational. Forest Akers Golf Course.
- 3 p.m. Tennis—MSU vs. Ohio State. Varsity Courts.
- 7:30 p.m. International Film Series (see Thurs.) Auditorium.
- 8 p.m. Planetarium Program (see previous Fri.) Abrams.
- 10 p.m. Planetarium Program (see previous Fri.) Abrams.

Saturday, May 8, 1971

- 8 a.m. Golf—Spartan Invitational. Forest Akers Golf Course.
- 2 p.m. Track—MSU vs. Purdue. Ralph Young Field.
- 2 p.m. Lacrosse—MSU vs. Notre Dame. Old College Field.
- 2:30 p.m. Planetarium Program (see Fri.) Abrams.
- 3 p.m. Tennis—MSU vs. Indiana. Varsity Courts.
- 8 p.m. Planetarium Program (see Fri.) Abrams.
- 8:15 p.m. Concert—Percussion Ensemble will perform. Music Auditorium.
- 10 p.m. Planetarium Program (see Fri.) Abrams.

EXHIBITIONS

Kresge Art Center

Works from the permanent collection. Main Gallery.

Works in various media by undergraduate and M.A. students representing all aspects of the art department program. Entrance and North Gallery, May 2-19.

Campus Plantings

Forsythia in bloom. Higan cherries at Yakeley Hall.

Beal Gardens

Weeping Higan cherry on Library terrace.

Manchu cherry at S.E. corner of Women's Gym.

Hidden Lake Gardens

Primroses, tulips and daffodils are now blooming. Woodlands, water and wildlife are year around features. Tipton, Mich.

SEMINARS

Monday, May 3, 1971

- ROBERT OLIEN—Freezing intensity and nature of stress in plant tissues. 4:10 p.m., 106 Plant Biology (AEC Plant Research Lab).
- GEORG BORGSTROM—Food Science Forum. 8 a.m., 103 Food Science (Food Science & Human Nutrition).
- DANIEL P. RADAWSKI—Role of cations, osmolality and oxygen in local blood flow regulation. 4 p.m., 216 Giltner Hall. (Physiology).

Tuesday, May 4, 1971

- B. TROST, U. of Wisc.—Some aspects of synthetic organic chemistry. 4 p.m., 136 Chemistry Bldg. (Chemistry).
- KUSUM NAIR—Old men's tales: issues in agricultural development - technology, growth and change (a critique of Schultz, Ruttan and Hayami). 3 p.m., 3 Marshall Hall. (Economic Development).
- H. J. BUYENS, Swift Dairy & Poultry Co., Chicago—Environmental control: the challenge of the future. 4 p.m. 110 Anthony Hall. (Food Science & Human Nutrition).
- CARL R. ANHAEUSSER, U. of Witwatersrand, Johannesburg, South Africa—The geological history and evolution of the three billion year old Barberton Mountain Land, South Africa. 3 p.m., 205 Natural Science. (Geology).
- IZAACK WIRSZUP, U. of Chicago—Mathematics education in Eastern Europe. 4:10 p.m., 304A Wells Hall. (Mathematics Education).
- M. Z. V. KRZYWOBLOCKI—Air-power theories and technology assessment. 4:10 p.m., 312 Engineering Bldg. (Met. Mechanics & Materials Science).
- KEN GALLAGHER—Lead toxicosis in animals. 4:10 p.m., 346 Giltner Hall. (Pathology).
- JAMES PRICE, Abbott Labs. & U. of Wisc.—Carcinoma of the urinary bladder. 11 a.m., 346 Giltner Hall. (Pathology & Biophysics).
- RICHARD GILLIS, Georgetown U.—Neural factors in the genesis and control of cardiac arrhythmias. 4 p.m., 334 Giltner Hall. (Pharmacology).

Wednesday, May 5, 1971

- DONALD B. MCCORMICK, Cornell U.—The biological significance of factors influencing the coordination of metal ions. 8 p.m., 138 Chemistry Bldg. (Chemistry).
- ROY EMERY—Writing a journal article. 4:10 p.m., 131 Anthony Hall. (Inst. of Nutrition).
- WAYNE OXENDER—Endocrine development of the bovine fetus. 12:15 p.m., 213 Veterinary Clinic. (Lge. Animal Surgery & Med.).
- DOROTHY ARATA—Undergraduate education at MSU. 3 p.m., 322 N. Kedzie (Natural Science).
- EUGENE DICE & TIMOTHY SMYTHE—Expansion patterns of Michigan family camping. 11:30 a.m., 338 Natural Resources. (Park & Recreation Resources).
- JOHN WARDELL—Formation of heartwood and discolored sapwood in white oak and white spruce. 4:10 p.m., 168 Plant Biology. (Plant Pathology).
- LOREL ANDERSON—Further studies with cryofibrinogen and cat proteins. 7:45 a.m., S123 Veterinary Clinic. (Small Animal Surgery & Med.).

Thursday, May 6, 1971

- W. T. WIPKE, Princeton U.—To be announced. 4 p.m., 138 Chemistry Bldg. (Chemistry).
- JOANNE EICHER—Birds of a feather; high school girls friendships, social class, and conformity. 3 p.m., 102 Human Ecology Bldg. (Family & Child Sciences).

Friday, May 7, 1971

- PETER DORNER, Director, Land Tenure Ctr., U. of Wisc.—Needed redirections in economic policy for agricultural development. 3 p.m., Parlor C, Union Bldg. (Agricultural Economics).
- W. PETER CROWCROFT, Director, Chicago Zoo—Zoological gardens and universities—prospects for future relationships. 1:50 p.m., 116 Natural Science Bldg. (Zoology).