



The urban environment: A "frontal attack" is launched.

Photo by Bill Mitcham

# MISU Faculty News

Vol. 1, No. 13

Michigan State University

Jan. 20, 1970

## 'E-equal' Center involves total commitment of MSU resources

By PHILLIP E. MILLER  
Associate Science Editor, News Bureau

Michigan State is not the first university to assemble teams, institutes or centers to attack environmental degradation. But it may be the first to marshal all of its main forces, in counsel, against such a foe.

That assemblage — a brain pool — is the Center for Environmental Quality, announced by President Clifton R. Wharton Jr. to the Board of Trustees Friday.

Approval of the Center followed extensive discussions among the academic deans, the director of the Center for Urban Affairs, and the vice president and assistant vice president in the Office of Research Development.

Official nod for the Center was given by the Administrative Group on Dec. 2.

Nine days later, then-Acting President Walter Adams transmitted information on the development of the Center to the trustees. In his letter, Adams said:

\* \* \*

"THE ESTABLISHMENT of the Center

takes its place in a long series of steps which reflect the concern of many faculty, the several departments, the colleges, the central administration, the students and the Board of Trustees in articulating the resources of the University as related to a concern for man and the enhancement of his environment."

The new Center's Program and Policy Board will consist of deans.

Its Interdisciplinary Teaching and Research Committee, with members designated by deans, will develop recommendations for new curricula in environmental quality. Any new academic programs will follow customary channels to the Academic Council.

The committee will also advise on establishing a system for information dissemination to faculty, students and off campus by means of seminars and colloquia.

Liaison between the policy board and the committee will be provided by committee chairman John Nellor, who

(Continued on page 4)

## Elected Council will consider two reports at first meeting

The elected Faculty Council will hold its first meeting of the 1969-70 year Tuesday at 3:15 p.m. in the Con Con Room of the International Center.

On the agenda is discussion of the ad hoc Committee on Trustee Relationships. The committee was formed in December of 1968 to study faculty-trustee relationships.

Since its formation, however, the committee has lost two of its five members, and the Council is expected to decide whether the committee should be reconstituted or disbanded. The

original group included James Bonnen, professor of agricultural economics (chairman); Walter Adams; Walter Johnson, professor of administration and higher education; John Reinhoehl, professor of humanities; and Albert Rabin, professor of psychology.

Adams left the committee to become acting president and Johnson stepped down when he was elected to the Steering Committee.

Also on the agenda is a discussion of functioning of the Taylor Committee Report.

## Meeting Thursday

# Series focuses on urban environment

A campus-wide effort to involve faculty in a "massive frontal attack" on the problems facing the urban environment will be outlined Thursday at a luncheon sponsored by the Center for Urban Affairs.

The event, at 11:30 a.m. in Kellogg Center, kicks off the Urban Research Symposium, a planned series that will feature speakers from both on and off the campus who will describe a variety of research approaches to solving problems facing the urban environment.

The series will be "the first measure of our commitment to bring this University's resources together" in the campaign for urban quality, according to Lawrence W. Lezotte, research associate in the Center for Urban Affairs and associate professor of education.

Invited to the luncheon are about 100 faculty identified by their department chairman as having research interests related to urban environment.

Speakers will include President Clifton R. Wharton and Provost John E. Cantlon. Also scheduled to speak are Robert L. Green, assistant provost and director of the Center for Urban Affairs, and Joseph H. McMillan, director of Equal Opportunity Programs (EOP).

Both will present summaries of their programs, and Green will outline the Center's priorities for research support.

\* \* \*

THE CENTER has already financed study projects in several colleges, Lezotte said, and it will continue to funnel a portion of its funds back into the University for further research.

Projects are now being supported in such areas as chemistry, education, social science, police administration and sociology. EOP is providing financial assistance to 107 graduate fellows in several departments.

Lezotte said that Thursday's meeting is intended to enlist more faculty in the effort against urban problems, mobilize them in an interdisciplinary approach and to outline efforts now underway on the campus.

The Center's purpose, he said, is to serve as a catalyst, "to list a program of

action with the hope of getting more faculty involved."

\* \* \*

THAT ACTION focuses on race relations, poverty in the cities, urban decay, urban renewal and urban education.

"Our hope is for a team approach," Lezotte said. "We don't want faculty to homogenize along disciplinary lines."

He said that efforts by the Urban Affairs Center are in cooperation with programs under way and planned by the newly created Center for Environmental Quality.

Also on the agenda for Thursday's luncheon are plans for an all-University Urban Research Advisory Committee and discussion of the possibility of establishing closer departmental affiliation for EOP-supported graduate students.



## Urban Center 'indispensable'

Efforts by the Center for Urban Affairs to coordinate research projects related to urban problems are supported, and at times interrelated, with other University programs.

John Nellor, assistant vice president for research development, said those efforts are "indispensable to the overall program" now being developed by the new Center for Environmental Quality.

The Center for Environmental Quality is concerned with an all-encompassing look at environmental problems — social, economic, managerial and individual as well as technical.

\* \* \*

JAMES BUTCHER, assistant dean of the College of Natural Science, also spoke in favor of the Urban Affairs

(Continued on page 3)



The freshmen: More scholarly?

**ACE survey shows:**

# Freshmen high scholastically

MSU's freshman class tends to be more scholarly than the national norm of freshmen, according to survey results from the American Council on Education (ACE) Office of Research.

Ninety-four per cent - or 6,504 - of the freshmen entering MSU fall term, 1969, participated in the test, administered by the University for the ACE.

Results showed that, compared to the national norm:

-14.2 per cent more Michigan State freshmen were members of high school scholastic honor societies;

-9.7 per cent more received National Merit recognition;

-16.3 per cent more obtained high school grade averages of B or above;

-9.7 per cent more ranked in the top 10 per cent of their high school class.

Freshmen women at MSU were about 10 per cent higher than men in all the above categories except National Merit recognition, where men were 4 per cent higher.

## Decrease applies to all policyholders

Faculty and staff enrolled in the University's Long Term Disability Income Plan have automatically received the newly announced rate reduction and continue to have the same coverage as before; nothing further is required of them.

That assurance comes from Albert C. Chapman, staff benefits supervisor, in response to questions raised regarding the recent open enrollment for disability insurance.

About 1,200 faculty and staff are already covered by the plan, he said.

Chapman said the new rate reduction is possible because the insurer, Aetna Life and Casualty, has had fewer claims than anticipated from the MSU group.

Notice of lower rates, effective Dec. 31, have been sent to all present policyholders.

The open enrollment, which continues through Jan. 30, will be the last for an indefinite period, Chapman said, since the disability plan is not subject to an annual enrollment period.

MICHIGAN STATE freshmen also applied to fewer colleges than the national norm. The ACE survey showed that 18 per cent of the national norm freshmen applied to three or more colleges, compared to 8 per cent of MSU freshmen.

More MSU freshmen plan to work toward master's degrees than the national norm - but only 2 per cent more. The breakdown for MSU is: 36 per cent plan to obtain bachelor's degrees, 38 per cent plan to get master's degrees, and 15 per cent plan for doctoral degrees. Fourteen per cent more men than women plan to obtain doctorates.

Scholarships, grants and other gifts are the major financial support for one-fourth of MSU freshmen - 7 per cent more than the national norm. Another fourth of the freshmen here said their major source of financial support is personal savings or employment. But 60 per cent said the bulk of their financial aid comes from their parents or families.

Sixty per cent of the MSU freshmen expressed "some concern" about financing their education; 20 per cent expressed no concern, and 10 per cent expressed "major concern." This is roughly comparable to the national norm.

More than half of MSU's freshmen estimate their parental income at \$10,000 to \$19,999.

\* \* \*

THE SURVEY also covered questions of interests, concerns and objectives, many in a sociological sense. The focus here will be on the MSU freshmen, who, in most cases, voted similarly to the national norm.

On "objectives considered to be essential or very important":

Highest percentage (88.8) went to developing a philosophy of life. Other high objectives were: Having friends "different from me," raising a family, helping others in difficulty, "being an authority in my field." Men placed keeping up with political affairs over helping other, however.

Men were also more money - and position - oriented in their responses, voting usually 10 per cent higher than women on such things as recognition from peers, being an expert in finance, having administrative responsibility,

being well-off financially (male percentage was 20 per cent higher here), owning their own business (also a 20 per cent difference), and contributing to scientific theory.

But women were at least 10 per cent higher on raising a family, having different friends, helping others and creating works of art.

\* \* \*

SEVERAL controversial issues were listed on the test for the students to state their agreement or disagreement. They most agreed on student design of curriculum, legalized abortion, student evaluation of faculty and the feeling that their beliefs are similar to others.

They least agreed with legalization of marijuana, the right of a college to ban a speaker, and college control of students off campus. Men were more in favor of a volunteer army and women more in favor of abolishing capital punishment.

At least half the MSU freshmen thought the federal government should be more involved or should initiate a crash program in control of pollution, crime prevention, eliminating poverty, consumer protection, school desegregation, compensatory education for the disadvantaged and firearms control.

Fewest votes went to federal involvement in eliminating TV violence, special benefits for veterans and tax incentives to control the birth rate.

Most listed themselves as currently middle-of-the-road or liberal in political preference and expected that in four years many of them would shift to liberal. "Strongly conservative" was the least popular category.

There was also a wide difference between the stated religious background and the present religious preference. Roman Catholic was the most frequently selected response for both questions, but "no preference" moved up from the end of the background list to second on current preference.

## Art lecture Friday

Prof. Frank M. Snowden Jr. of the classics department at Howard University will lecture on "The Negro in Greek and Roman Art" Friday at 8 p.m. in the main gallery of Kresge Art Center. His program is sponsored by the Central Michigan chapter of the Archaeological Institute of America.

# Adjusting to college work is No. 1 student concern

By ELIZABETH HARRISON  
Educational Development Program

What do MSU students say their problems are?

In a study designed and conducted under the supervision of the University's Learning Service, Benjamin Beit-Hallahmi (a doctoral candidate in psychology) asked about the worries of a sample of 583 MSU freshmen and sophomores.

He used the Mooney Problem Check List, a popular psychological device. It enumerates 330 problems grouped under 11 general headings, 30 to a heading; students are asked to check all items that seem relevant to their lives.

Adjustment to college work received more checks from MSU students than any other problem area. The six most frequently checked problems here were "Easily distracted from my work (checked by 56.6 per cent of the students); "unable to concentrate well"

(44.5 per cent); "not spending enough time in study" (43.1 per cent); "worrying about examinations" (41.9 per cent); "afraid to speak up in class discussions" (41.5 per cent); "not knowing how to study effectively" (41.5 per cent).

\* \* \*

OTHER PROBLEM areas heavily checked by both men and women relate to social and recreational activities and personal - psychological relations.

Problems checked less frequently related to the quality of teachers and teaching, organization of courses and textbooks, campus life, etc., where the most often noted problems were: "hard to study in living quarters" (checked by 35.8 per cent of the sample); "forced to take courses I don't like" (30.4 per cent); "dull classes" (26.3 per cent); "too much work required in some courses" (26.1 per cent); "teachers lacking personality" (20.6 per cent).

\* \* \*

ON THE AVERAGE, male students

checked 40.1 problems and women 48.25. Beit-Hallahmi observes that these averages are "considerably higher" than those noted in the literature for similar groups of college students elsewhere. But he commends the "openness" Michigan State students show in accounting their problems.

Among Beit-Hallahmi's comments on his findings:

-A surprising number of students are apparently afraid to speak up in class (41.5 per cent). It is, of course, difficult to know precisely what factors account for this. The student population of this study is made up largely of freshmen and sophomores who would be less apt to speak up in class. Also, the large classes at MSU may contribute to this. In any case, it is a number many instructors would do well to ponder.

-Many students apparently feel they do not know how to study effectively (41.5 per cent). This is particularly distressing in view of the fact that the University really offers no satisfactory

assistance to students in this regard.

-"Many students complain that it is hard to study in the dormitories (35.8 per cent). This is an interesting figure in view of the clamor for open dormitories, and if it is true of the general population that over one in three find it difficult to study in dormitories, it causes one to wonder how much learning is actually going on in living - learning units."

-"When it comes to problems related to academic work, MSU underclassmen in this study showed a great deal of readiness to 'take the blame.' They reported a number of problems regarding their own abilities, preparation and study habits, but they were not critical of their teachers or of the University in general. They reported anxiety and worries related to academic work, but tended to internalize the blame for these."

Copies of Beit-Hallahmi's report on his research may be obtained by calling 353-1697.

## Overseas Office: An 'ombudsman' for faculty

Faculty preparing research proposals for projects in other countries, have their own 'ombudsman' for overseas assignments.

He is Charles (Bud) F. Doane Jr., director of the Overseas Support Office in International Programs.

"When a faculty member comes into my office with a question," Doane explains, "I try to find an answer for him."

He adds that for some faculty, overseas research is a new experience. Doane tries to help a faculty member in proposing a project for funding and in preparing to leave on assignment.

"Many faculty don't have any idea what to put in a budget for an overseas research project," Doane points out. "Our goal is to help the faculty member develop a budget that he can live with when he starts his project."

"So often faculty members come into my office with only an idea for a research project. I try to fill in the steps to bring the project about."

\* \* \*

AMONG SERVICES offered by the Overseas Support Office are:

-Processing faculty and dependents for overseas assignments. This includes payroll, personnel, staff benefits, medical examinations, inoculations, clearances, nominations, appointment papers, leave policy, allowances,

schooling, income tax, draft status, insurance, automobiles and packaging suggestions.

-Travel arrangements.

-Shipment of personal effects such as household goods, automobile and project equipment.

-Procurement of equipment and supplies for the project.

-Fiscal matters such as budget preparation, record keeping, adjustments and reports.

### USIA seeking faculty speakers

Faculty members traveling or studying overseas have been invited to participate in a Volunteer Speakers Service just established by the U.S. Information Agency.

Participants might be asked to take part in a seminar, a discussion or lecture program involving foreign scholars, or address foreign university audiences, according to a USIA announcement.

Faculty planning travel abroad and who would be interested in more information can contact the Chief, Educational Support Branch, ICS, USIA, 1711 New York Avenue, N.W., Washington, D.C. 20547.

-Physical facilities including office management, supplies, office equipment, clerical staffing, communications, transportation and residential facilities overseas.

-Coordinating benefits for foreign students who are studying at MSU as part of a project.

--Coordinating arrangements for official visitors.

-Working with the Business Office in the interpretation of project contracts.

\* \* \*

BASICALLY, the Overseas Support Office provides two services: Consultation with faculty concerning proposals and preparation for overseas assignments; and a role with small overseas projects as a part-time administrator. Doane also serves a staff function as a member of the Office of International Programs.

Doane, who has overseas experience as an administrator with programs in Nigeria and Pakistan, keeps up-to-date on federal and MSU regulations as they relate to overseas assignments.

He has also assisted the dean of International Programs in developing an administrative handbook which attempts to spell out regulations and procedures for faculty doing work overseas.

-MIKE BORN

## Faculty honors, projects

Bernard F. Engel, professor of American Thought and Language, is chairman of the section on modern American literature, Midwest Modern Language Association. He is also author of an article in Contemporary Literature.

Hugh Fox, assistant professor of American Thought and Language, spoke at a recent congress of poets in Resistencia, Argentina. He is in that country doing research on a Pan American Union grant.

Paul Harder, professor of music, was elected to the Council of the College

Music Society at its national convention at Beria, Ohio.

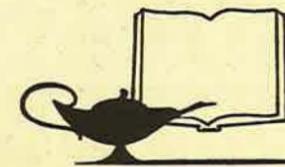
Herbert J. Oyer, professor and chairman of audiology and speech sciences, has been elected an associate fellow of the American Academy of Ophthalmology and Otolaryngology.

Harold Spaeth, professor of political science, has been elected to the board of the Michigan Conference of Political Scientists for 1969-70.

James O. Wheeler, associate professor of geography, is coauthor of an article in a recent *Annals of the Association of American Geographers*.

Linda Wagner, associate professor of English, is the author of essays in *Studies in Contemporary Literature* and in *The South Dakota Review*. She has also lectured recently at Bowling Green University.

Francis M. Donahue, professor of religion, led a group of 72 persons on a study tour of monasteries, theological seminaries, churches and Patriarchates



in Yugoslavia, Bulgaria, Romania, Istanbul and the Soviet Union.

John H. Wakeley, associate professor of psychology and assistant dean of social science, is a visiting intern at the University of Tennessee under a program of the American Council on Education.

A book by Alvin E. Lewis, professor of pathology, has been published in Spanish by Compania Editorial Continental, S. A., of Mexico City. The book, "Biostatistics," was originally published in English by Rinehold Publishing Corp.

A book by Richard Schlegel, professor of physics, was recently published by Deutsche Verlag-Anstalt, Stuttgart. It is a translation from the English text, "Prospects for Science."

Carl K. Eicher, associate professor of agricultural economics and African Studies Center, spent six weeks as a consultant to a World Bank mission in Tanzania.

## Urban Center...

(Continued from page 1)

Center's efforts toward interdisciplinary research.

"We've got to get people to think about the whole problem," Butcher said. "The problem is that people (doing research) are going their independent ways. We have to consider how to make a solution workable. We cannot work in isolation; we've got to relate."

This, he emphasized, does not mean drawing away from the disciplines, but being "aware of other problems, and adjusting."

Butcher, also professor of entomology, served as chairman of a curriculum study committee for the Center for Environmental Quality.

# WMSB

TUESDAY, Jan. 20

7 p.m. SPIN BACK THE YEARS. Admiral Richard E. Byrd.

WEDNESDAY, Jan. 21

7 p.m. YOUNG MUSICAL ARTISTS. Violist Marcus Thompson and pianist Linda Hall

THURSDAY, Jan. 22

7 p.m. LA REVISTA.

FRIDAY, Jan. 23

7 p.m. ASSIGNMENT 10. Tentative: Abortion laws, the new draft law, and Family to Family, a housing project.

SATURDAY, Jan. 24

11 a.m. INNOVATIONS. Rotary dynamics.

SUNDAY, Jan. 25

11 a.m. YOUR RIGHT TO SAY IT. Improving drug abuse laws.

11:30 a.m. INTERNATIONAL MAGAZINE. Five views of East Germany.

12:30 p.m. ASSIGNMENT 10.

1:30 p.m. NET FESTIVAL. Documentary on "Hamlet" interpretations.

2:30 p.m. TO SAVE TOMORROW. A visit to Philadelphia's Jefferson Community Mental Health Center.

3:30 p.m. THE FORSYTE SAGA.

4:30 p.m. NET JOURNAL. A report from Saigon from news correspondents.

10 p.m. THE ADVOCATES. Should we continue Indian reservations indefinitely?

11 p.m. NET PLAYHOUSE. A Ghanaian interpretation of "Hamlet." (90 minutes).

MONDAY, Jan. 26

12:30 p.m. MALAYSIYA. President Clifton Wharton Jr. explains why Malaysia diversifies her economy.

7 p.m. SPARTAN SPORTLITE.

# WKAR

TUESDAY, Jan. 20

6:30 a.m. (FM) MORNING SHOW. (Monday through Friday.)

8 a.m. (AM-FM) MORNING NEWS REPORT. (Monday through Friday.)

9 a.m. (AM-FM) DICK ESTELL READS. "Only One Year" by Svetlana Alliluyeva. (Monday through Friday.)

10 a.m. (FM) ON CAMPUS. (Monday through Friday.)

11 a.m. (AM) TRANSATLANTIC PROFILE. Current events from Europe.

11:30 a.m. (AM-FM) NEWS. (Monday through Friday.)

1 p.m. (FM) MUSIC THEATRE. "What Makes Sammy Run."

5 p.m. (AM-FM) NEWS 60. (Monday through Friday.)

8:30 p.m. (FM) BOSTON SYMPHONY.

WEDNESDAY, Jan. 21

11 a.m. (AM) BOOK BEAT with Robert Cromie.

1 p.m. (FM) MUSIC THEATRE. "By Jupiter."

8 p.m. (FM) THE ART OF GLENN GOULD.

THURSDAY, Jan. 22

10 a.m. (AM) THE ART OF GLENN GOULD.

11 a.m. (AM) EUROPEAN REVIEW. Radio Nederland.

1 p.m. (FM) MUSIC THEATRE. "The Second Hurricane."

7 p.m. (FM) CINCINNATI SYMPHONY ORCHESTRA.

9 p.m. (FM) JAZZ HORIZONS.

FRIDAY, Jan. 23

11 a.m. (AM) A FEDERAL CASE.

1 p.m. (FM) MUSIC THEATRE. "Oklahoma."

2 p.m. (FM) ALBUM JAZZ.

4:45 p.m. (AM-FM) EDUCATION IN THE NEWS.

8 p.m. (FM) WORLD OF OPERA. "Don Giovanni."

SATURDAY, Jan. 24

9 a.m. (AM-FM) DICK ESTELL READS. "The Establishment is Alive and Well in Washington" by Art Buchwald.

9:30 a.m. (AM) THE WORD AND MUSIC.

10:30 a.m. (AM) VARIETADES EN ESPANOL.

11:45 a.m. (FM) RECENT ACQUISITIONS.

1:05 p.m. (AM) ALBUM JAZZ.

7 p.m. (FM) LISTENERS' CHOICE. Classics by calling 355-6540.

SUNDAY, Jan. 25

2 p.m. (AM-FM) CLEVELAND ORCHESTRA.

4 p.m. (AM-FM) FROM THE MIDWAY. An address from the University of Chicago.

7 p.m. (FM) COLLOQUY.

MONDAY, Jan. 26

9 a.m. (AM-FM) DICK ESTELL READS. "Only One Year."

11 a.m. (AM) COLLOQUY.

1 p.m. (FM) MUSIC THEATRE. "Destry Rides Again."

8 p.m. (FM) OPERA FROM RADIO ITALIANA. "Manon."

10:30 p.m. (FM) MUSIC OF TODAY. Paul Hindemith (Part VII).

## Luncheon honor Mrs. Wharton

Mrs. Clifton R. Wharton Jr. will be honored next Wednesday (Jan. 28) at a luncheon for all MSU women faculty and staff.

The event, sponsored by the Faculty Women's Association, will be in Parlor C of the Union. A receiving line will form at 11:30 a.m.

Also scheduled during the program is a performance by the Women's Glee Club directed by Ethel Armeling and presentation of cash awards to four outstanding women graduate students.

Reservations for the luncheon, which cost \$3 each, should reach Mrs. Dorothy Ross, Counseling Center, by tomorrow (Jan. 21).

## MISU Faculty News

Editor: Gene Rietfors

Associate Editor: Beverly Twitchell

Editorial Office: 296-G Hannah Administration Building, 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.

# Board tables business affairs motion

A proposal from the Academic Council and the Academic Senate to extend the purview of the University Committee on Business Affairs was tabled by the Board of Trustees Friday.

The proposal was tabled because board members said they wanted to hear from Prof. Robert Little, chairman of the business affairs committee.

The proposal would amend the faculty by-laws, section 5.4.9.2, to read:

"The Committee on Business Affairs shall examine and evaluate policies within the service functions and business office that bear directly on the academic and research aspects of the University."

The committee is now restricted from consideration of allocation of financial resources.

Although Provost John Cantlon and Acting Vice President for Business and Finance Roger Wilkinson emphasized that the committee is an advisory and not a decision-making body, the trustees, particularly Warren Huff, were

concerned the committee would countermand administrative decisions on allocation of funds. Huff said the bylaw amendment would create a "monolithic front."

Cantlon was a member of the business affairs committee before his appointment as provost. Wilkinson, an ex-officio member, presented the proposal to the board "with some reluctance and some concern."

\* \* \*

IN OTHER action, the board:

- Established the position of vice president for university relations. Responsibilities of the office were previously held by the assistant to the president and later by the vice president for special projects.

- Accepted the resignation of Carl W. Hall, professor and chairman of agricultural engineering, effective March 31. Hall is going to Washington State University.

- Named the new flower gardens adjacent to the International Center for

the late Frederic Reeve, professor of American Thought and Language, who died in September. Professor Reeve, who also taught in the English department, Justin Morrill College and University College's Great Issues course, often referred to the campus flower gardens in class instructions on the meaning of beauty.

\* \* \*

TRAVEL regulations were changed by the board, allowing some funding for overseas travel. The four changes provide for:

- Travel to Alaska, Hawaii and Puerto Rico on the same basis as travel to the continental states;

- Changes in regulations on all - University research to permit travel for research if the request is itemized in the research proposal;

- Authorization to the Provost's Office to set aside \$5,000 of the Provost's Contingency Fund to finance or to supplement grant financing of overseas travel for research, study or participation in international meetings;

- Authorization of colleges and/or departments to use fellowship allowances for overseas travel.

\* \* \*

A SCHOLARSHIP plan for graduate assistants was approved, providing for:

- Scholarships of \$33 a term for quarter-time assistants, \$66 for half-

time assistants, and \$99 for three-quarter - graduate assistants;

- Graduate assistants continuing to pay resident fees, with the scholarships being applied to those fees and allowing the assistants to keep any excess;

- Creation of a scholarship fund from the general fund, Experiment Station account, overhead funds and other appropriate funds, each contributing an equal amount to the scholarships given to assistants on their accounts.

Cantlon said he planned to increase the scholarships over a three-year period until they reach the equivalent of the average fees paid by half-time assistants.

\* \* \*

AFTER A stormy 2½-hour session, the board approved the appointment of Donald D. O'Dowd as chancellor of Oakland University, effective Feb. 1. O'Dowd is serving as professor of psychology, provost, dean of graduate study and vice chancellor at Oakland.

Don Stevens, chairman of the board, issued a statement denying reports in the Ingham County News that he had told Democratic party leaders that he will not seek reelection to the board. His term expires Dec. 31, 1970.

He said he would announce his intentions this spring or summer, and that anyone speaking for him at any time on this matter is doing so without his authority.

## Gifts, grants support variety of faculty research projects

Gifts and grants totaling \$999,735 - many of them for faculty research - were accepted Friday (Jan. 16) by the Board of Trustees of Michigan State University.

Gordon E. Guyer, professor and chairman of the entomology department, will conduct research into the effects of pesticides in the environment with a continuation grant of \$178,507 from the National Institutes of Health.

An institutional grant of \$102,811 from the National Science Foundation will be used to support a broad program of scientific research and educational programs in the sciences. The grant will be administered under the direction of Milton E. Muelder, dean of the School for Advanced Graduate Studies and Research Development.

The trustees also accepted two grants from the Michigan Department of Social Services, for \$75,516 and \$33,870, to support undergraduate and graduate teaching programs. Gwen Andrew, director of the School of Social Work, will administer the grants.

Grants were awarded to the following: Ralph Turner and Vernon E. Rich, police administration and public safety, \$4,128 from Michigan State Police to develop practical field test situations for voice print identification; J. L. Phillips, Computer Institute for Social Science Research, \$4,200 from National Science Foundation (NSF), to test and extend theory of conflict and cooperation in interdependent situations involving more than two individuals; R. N. Costilow, microbiology and public health, \$3,002 from National Institutes of Health (NIH), for research of the mechanism of

ornithine fermentation; H. L. Sadoff, microbiology and public health, \$32,335 from NIH, to study mechanisms of heat resistance in bacterial endospores; Paul O. Fromm, physiology, \$4,269 from NIH, for comparative physiological studies of vertebrate eyes; and R. N. Hatch, Institute for International Studies in Education, \$3,471 from Midwest University Consortium for International Activities, Inc., for evaluation study of secondary education in Thailand.

Others receiving grants were: Paul L. Dressel, Institutional Research, \$10,000 from Danforth Foundation, to investigate independent study in higher education; A. A. Schmid, agricultural economics, \$3,000 from U.S. Water Resources Council, to improve standards, criteria, and procedures used for water resources development and management; B. F. Cargill, agricultural economics, \$1,190 from National Pickle Growers Association, Inc., for post-harvest evaluation of pickling cucumbers; Everett Everson, crop and soil science, \$5,435.46 from Michigan Crop Improvement Association, to develop new varieties of wheat; M. W. Adams, crop and soil science, \$8,000 from Michigan Crop Improvement Association, to develop breeding of improved bean varieties; and J. B. Beard, crop and soil science, \$7,072.50 from Michigan State Highway Commission, to study improved seeding techniques and seed mixtures for rapid vegetative establishment on roadsides.

\* \* \*

Other grants went to: Louis J. Boyd, dairy, \$1,000 from Eastern Artificial Insemination Cooperative, Inc., for a follow-up survey of artificial insemination program; H. D. Hafs, dairy, \$4,500 from North Central Breeders Research Council for continuation of sex-control research in progress; T. I. Hedrick, food science, \$1,301, Environ Corporation to study aseptic packaging of dairy products in plastic coated containers; R. C. Herner, horticulture, \$4,000, American Seed Research Foundation for research on seed germination and seedling growth in cold temperatures among cold-sensitive plants; W. L. Kilmer, engineering research, \$42,660 from Department of Air Force, Office of Scientific Research for neuromodeling of various forms of animal life and investigation of brain states through studies of electroencephalograms; and Olaf Mickelsen, foods and nutrition, \$27,481 from National Institute of Child Health and Human Development to study obesity, weight reduction and reproductive performance.

Grants were also awarded to: Barnett Rosenberg, biophysics, \$35,000 from Mathey Bishop, Inc., for research on biological effects of platinum group metal compounds; E. J. Klos, botany and plant pathology, \$1,000 from American Cyanamid Company to determine if apple scab and cherry leaf spot have or can develop resistance to Dodine; H. S. Potter, botany and plant pathology, \$1,000 from Merck Chemical Division, to study effectiveness of a systemic fungicide as a foliar protectant; and Robert J. Moon, microbiology and public health, \$19,630 from NIH, to study effects of endotoxin on selected aspects of host metabolism.

## 'E-equal' Center...

(Continued from page 1)

is assistant vice president for research development.

Milton E. Muelder, vice president for research development, said that some deans have already designated representatives to study curricula and research developments.

Representatives report that about 430 graduate and undergraduate courses and about 520 individual or multidisciplinary research projects at MSU relate to man and environment.

\* \* \*

"EFFORTS of the Center," Muelder said, "will involve the faculty in the identifying new areas of multidisciplinary research in environmental quality and in the definition of major foci other than those already underway, including population, further developments in urban planning and urban affairs, and family ecology and man's health."

Official functions of the Center are: -"To assist in developing programs and broad University policies relating to interdisciplinary research in environmental quality;

-"To assist in procuring funds and other resources to help support teaching and research programs;

-"To act whenever appropriate as a recipient for funds to support and encourage research in environmental quality.

-"To identify and report on research in progress as well as identify facilities and resources already available, or required, to undertake broadly based University programs in environmental quality."

Other functions may be added by the Center's board.

Basic administrative responsibility for the Center is with the Office of Research Development.

\* \* \*

ENTHUSIASM for the new Center has been running high among faculty and students. A Faculty-Student Liaison

Committee will coordinate student interests into total University programs. Representatives from two student groups, E-Qual and Scope, are already affiliated with the faculty-student committee.

William H. Knisley, director of the Institute of Biology and Medicine, said, "The new Center for Environmental Quality will provide an organization which is intended to markedly accelerate and broaden efforts of the MSU staff from a number of areas."

The director of the Center for Urban Affairs, Robert L. Green, said that "the Center for Urban Affairs is committed to and gives its full support to the Center for Environmental Quality."

## Seminars to assist computer users

A two-day seminar on the use of the CDC 6500 computer linear programming package OPTIMA will be offered today and Wednesday at 4 p.m. in 402 Computer Center.

The sessions will not attempt to teach computer programming or the theory of linear programming. It is offered by the Agricultural Experiment Station and the Computer Laboratory.

\* \* \*

A FOUR-WEEK series of non-credit sessions in the use of the STAT series of programs on the CDC 3600 computer will be offered on Tuesdays and Thursdays beginning today in the Computer Center.

There is no registration fee.

Today's session, at 3 p.m. in 402 Computer Center, deals with data preparation. Thursday's topic, also in 402 Computer Center, is basic statistics. Subsequent sessions, which continue through Feb. 12, will be in 313 Computer Center.

Complete schedules are available in 320 Computer Center or by calling 353-7899.

## Board approves a name change

The School of Police Administration and Public Safety will be known as the School of Criminal Justice as of July 1.

The change, approved Friday by the Board of Trustees, had been sought by students in the school to reflect the broad range of interests in the curriculum.

Graduates are prepared for such areas as crime prevention, police work, prosecution, the court system, probation and rehabilitation, correctional institutional management, airline security and traffic safety.