



John Fuzak: Keeping athletics in perspective (photo by Bill Mitcham)

Athletic Council keeps faculty voice in intercollegiate sports

By GENE RIETFORS
Editor, Faculty News

The win-or-lose destinies of Michigan State's athletic teams rest with the collective talents of the coaches and players, but the policies that govern the University's total athletic program are the domain of the 13-member Athletic Council.

And majority representation on the Council belongs to the faculty.

Faculty control is intended to "Keep athletics in some sort of educational perspective," says John A. Fuzak, professor and director of advanced studies in the College of Education and chairman of the Athletic Council.

Fuzak contends that faculty here do have an impact on athletic policy; directly, through the role of the Council, and indirectly, via individual faculty relationships with student athletes and coaches.

"Our main concern is to recognize

continually that athletics is part of the educational process," he says.

Fuzak has been chairman since a day some 10 years ago when he accepted the assignment "reluctantly, but with the assurance that I would be relieved of some other committee jobs."

He was allowed to shed the other responsibilities, and he has the distinction of the longest tenure as council chairman since MSU entered the Big Ten in 1953.

When he accepted the chairmanship, Fuzak recalls, "it was not uncommon to hear that athletics — particularly football — was overemphasized at Michigan State."

He says this complaint is less frequent now partly because there are greater restrictions on financial aid to athletes. At the same time, he adds, aid to other students with financial need has increased dramatically.

In fact, Fuzak has heard in recent

(continued on page 4)

Board approves tenure for 50 faculty

The Board of Trustees at its meeting last Friday approved granting tenure to 50 faculty members.

All the actions are effective Sept. 1, 1970.

Associate professors who acquire tenure with their reappointment include: David L. Armstrong, agricultural economics; Nicholas G. Luykx, agricultural economics; Clarence D. McNabb, fisheries and wildlife; Theodore Wishnetsky, food science; Frank G. Dennis, horticulture; Daniel Chappelle, resource development; Howard P. Anderson, English; Harold F. Brown, music; Charles Y. Yang, advertising; and Oscar I. Tosi, audiology and speech science.

Others are: Louis Romano, administration and higher education; Charles E. Henley, elementary and special education; Kenneth L. Neff,

Institute for International Studies in Education; Roy R. Goughnour, civil engineering; Gabor Kemeny, electrical engineering and systems science; Donald Melcer, family and child sciences; Arthur Lee Foley II, anatomy; Arthur S. Elstein, medical education research and development; John Fairbanks Lane, medicine; and Griffith O. Freed, psychiatry.

Also granted tenure are: Edward M. Eisenstein, biophysics; M. Ashraf El-Bayoumi, biophysics; Thomas A. Vogel, geology; Kenneth W. Cummins, Kellogg Biological Station; Indranand Sinha, mathematics; Maris Abolins, physics; Vidyadhar Mandrekar, statistics and probability; John H. McNamara, police administration and public safety; Stephen E. Bochkor, urban planning and landscape architecture; David Austin Morrow, large animal surgery

Latest Ford grant bolsters faculty's international role

The Ford Foundation has awarded MSU a \$200,000 grant to help develop a stronger international research base for faculty and students.

"The grant will support faculty and graduate research, symposia and workshops, library resources and publications," says Ralph H. Smuckler, dean of international programs.

Since 1960, the Ford Foundation has awarded MSU \$2.7 million to develop international studies. In 1958 and 1959,

University-wide faculty seminars were held to develop a blueprint and set objectives for MSU's international dimension.

Smuckler said that results of these meetings demonstrated to the Ford Foundation MSU's serious interest in international activities. An important part of this interest, he noted, was the University's involvement of faculty in the planning stages of international programs.

(continued on page 4)

MISU Faculty News

Vol. 1, No. 9

Michigan State University

Nov. 25, 1969

Committee outlined for campus planning

Direct faculty participation may soon become more prominent in the area of campus planning and design.

An assistant professor of humanities, Donald S. Gochberg, is spearheading a movement to ask the Academic Council to create a new all-University faculty standing committee that would offer its recommendations "on the location and design of major campus structures."

Gochberg says that so far his plan has been endorsed by about 25 faculty, and he hopes to get "hundreds more."

In a "statement of faculty interest" originated by Gochberg, it is suggested that a committee within the Council structure "would result ultimately in a more stimulating and satisfying physical environment."

It adds: "The total quality of life — intellectual, social, professional — for all is profoundly affected by the design of our surroundings."

The statement also says that an early concern of the proposed committee "might be an exploration of such concepts as architectural competitions for particularly significant structures, for example, a concert hall-auditorium."

ACCORDING TO GOCHBERG, there is increasing concern among faculty to have their interests in environmental aesthetics on the campus expressed through regular procedures.

He said the attempt to create a new standing committee involves a "basic

political principle" — providing more faculty, or user, involvement in planning.

Gochberg contended that many faculty seem "genuinely distressed" by some aspects of the campus physical environment.

He cited two examples: the fact that it is impractical to walk from the new residence halls to some classroom buildings, and the necessity to use parking lots to walk between some buildings.

* * *

AN ENDORSER of the principle outlined in the statement is Myles Boylan, professor and director of landscape architecture and urban planning.

"I can appreciate why we have the general level of design we do, and I acknowledge that some of the famous architects would have been difficult to work with."

"But I think we could have done better," Boylan said.

Boylan also endorsed the idea of representative faculty opinion in the campus planning process. He added that the proposed committee would be worthwhile if it were conceived constructively and not simply as a "watchdog."

The partial list of endorsers also includes: Floyd D. Barrows, Alexander Butler, Surjit S. Dulai, Thomas H. Greer, J. Wilson Myers and Karl F. Thompson, all of humanities; Sam S. Baskett and James H. Pickering, English; Ehrling B. Brauner and Robert Weil, art; William J. Callaghan, John F. A. Taylor and Stephen E. Toulmin, all of philosophy; Bernard F. Engel, American Thought and Language; Paul V. Love, director of Kresge Art Center; Donald J. Montgomery, metallurgy, mechanics and materials science; Marvin D. Solomon, natural science; Richard E. Sullivan, history; Paul A. Varg, dean of arts and letters; and Willard Warrington, Evaluation Services and University College.

Faculty Club speaker

The speaker for today's noon luncheon of the Faculty Club is Robert Schuetz, associate director of the Institute of Biology and Medicine. He will discuss encapsulation, a new method of modular room construction to be used in building an addition to Olin Health Center.

The meeting is in the Union Parlors.



William Combs: Bringing history alive.

Archives need faculty help to fill in the pieces of history

By BARBARA MC INTOSH
Assistant Editor, News Bureau

The real history of MSU — the conflicts, the humorous anecdotes and the numerous little decisions culminating in major policy change — is very much alive. . . but only in the minds of many faculty members.

William H. Combs, director of the Historical Collections and Archives believes that the history of the University is much more than the formal minutes of the Board of Trustees and Faculty Senate.

And he hopes that faculty will contribute any papers and personal recollections to the Archives to help bring alive MSU's past.

It is people who make the University, and it is this aspect that should be recorded, he notes.

Working on the John A. Hannah papers in the Archives is James H. Denison, now consultant to the president and long-time assistant to Hannah. He said: "The papers alone are devoid of personal and human interest stories which are very important to the story of the developing University.

"All faculty members are welcome to supplement the report with personal

Provost lecture set for next Monday

Morse Peckham, distinguished professor of English and comparative literature at the University of South Carolina, will speak at 4 p.m. next Monday in the Erickson Kiva to open this year's Provost Lecture Series.

His topic is "Music and Literature." He will also be the guest at a reception from 4 to 6 p.m. next Tuesday, in the Green Room of the Union.

MISU Faculty News

Editor: Gene Rietfors

Associate Editor: Robert E. Weber

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

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

Editorial Office: 109 Agriculture Hall, Michigan State University, East Lansing 48823, Phone 355-2285

recollections especially of the active post-war years," Denison added.

* * *

CENTRALIZED UNDER Combs' direction two years ago, the Archives are becoming a valuable source for graduate and faculty research.

In special action last Friday, the trustees approved a resolution formalizing the role of the Archives.

The Collections are in three categories. The State and Regional Collection includes materials from 452 families and businesses. It has office records from the Reo Motor Car Company during its existence from 1904 to 1938, papers from the Michigan Constitutional Convention, the John Harvey Kellogg papers and the St. Lawrence Seaway papers.

The second category — MSU Archives — includes records no longer of use in the administrative offices but which should be preserved for historical value.

Combs said that this collection has the private papers of such members of the Board of Trustees as the late Clark L. Brody and the present chairman, Don Stevens.

The MSU Archives also contain papers of faculty, administrative staff and alumni who have made significant contributions, not only to the University but to society in general.

The third category is the national Land-Grant Research Center Collection.

Combs explained that the library has tried to enlarge this collection by acquiring microfilm copies of letters, speeches and papers of prominent Congressmen and others who were connected with the land-grant movement.

* * *

IN THE PAST, materials for the Archives were actively sought. But now Combs, his secretary and student assistants are kept continually busy just cataloging materials that flow in.

"The collection is in its infancy but still very useful to persons interested in these fields," Combs said. "Someday it should be very useful in writing a new history of the University."

Designed to aid faculty members is the recently published "A Guide to the Historical Collections of Michigan State University." It includes a complete listing of all holdings in each of the three categories.

New group to study osteopathy

An ad hoc committee of faculty and administrators has been appointed by Provost John E. Cantlon to review the matter of establishing a College of Osteopathic Medicine at MSU.

Cantlon has charged the committee with formalizing the University's position in detail. Specifically, he has asked it to prepare a report dealing with:

Timing of any action to be taken; funds needed for possible operational costs; funds needed for acquired construction; means of selecting a dean and a faculty; position of MSU in respect to the students and faculty at the Michigan College of Osteopathic Medicine (MCOM) at Pontiac; clinical facilities that would be needed on the campus; role of the osteopathy advisory board to be appointed by the governor as required by the osteopathic college legislation.

Deliberations of the committee, Cantlon noted, will supplement and amplify the position paper adopted by the Board of Trustees on Sept. 19 and lay the groundwork for subsequent discussions by the University with state officials and representatives of MCOM. The provost said the committee represents a cross-section of the University and includes faculty who posed questions concerning the proposed osteopathic program at the Nov. 4 meeting of the Academic Council.

The committee was formed in response to the Oct. 29 designation by the State Board of Education of MSU as the site for the state-supported college of osteopathic medicine.

The action was taken in compliance with the legislative act establishing a school of osteopathic medicine to be located "at an existing campus of a state university with an existing school or college of medicine," as determined by the State Board. The act is effective "when such affiliation is accepted by the board of control of the established state institution of higher education."

Cantlon made the following statement:

"It has been the provost's intent from the beginning to seek participation of the faculty in respect to osteopathy when the university had in hand a specific proposal concerning this campus rather than a hypothetical question.

"On Nov. 14, I received a copy of a letter, dated Nov. 10 to Walter Adams, acting president, from John W. Porter, acting superintendent of public instruction, which constituted such a formal proposal.

"In this letter, Porter requested the university to work out details for establishment of an osteopathic school with officials of MCOM. He asked the university to report on the status of these efforts by Jan. 1, so that in the following month the appropriate state officials could be assembled to discuss a timetable for the establishment of a publicly supported school.

"On Nov. 17, I appointed an ad hoc committee to review the matter of a state-supported school of osteopathy on this campus, and to make a report to the Academic Council on Dec. 2. Subsequent to this, I intend to refer this matter to the faculty Educational Policies Committee."

Members of the committee are: Richard U. Byerrum, dean of the College of Natural Science, chairman; Harold Hart, professor of chemistry; Andrew D. Hunt, Jr., dean of the College of Human Medicine; William H. Knisely, director of the Institute of Biology and Medicine; Robert F. Langham, professor of pathology; C. David Mean, professor of English; Albert I. Rabin, professor of psychology; and C. Lee Winder, dean of the College of Social Science.

Renting cap and gown?

Faculty members who wish to rent academic apparel for fall term commencement on Saturday, Dec. 6, are asked to inquire at the Union Desk or to call 5-3498. Deadline for reservation orders is Wednesday, Dec. 3.

Hunter, job well matched

Latin America has long been John H. Hunter's interest, an interest reflected in the various Latin American artifacts and photos that line the walls of his office.

As the new director of the Latin American Studies Center, Hunter, a professor of economics, will be able to continue this long interest. His appointment, effective Jan. 1, was approved Friday by the Board of Trustees.

A member of the faculty since 1950, Hunter's first work in Latin America was in 1958 when he took a two-year leave of absence to serve under a Rockefeller Foundation grant as director of an economic research institute at the University of the Andes in Bogota, Colombia.

He also served during 1962-64 as an adviser at the Economic Institute at the National University of Cordoba in Cordoba, Argentina. His most recent Latin American assignment was as adviser to the MSU Brazilian Higher Education Project in 1967-68.

"Latin America now and in the future holds much interest for MSU faculty and students," Hunter explains. "Perhaps Michigan is also of interest to many Latin Americans.

"The Latin American Studies Center seeks to bring these interests together."

The Center, established in 1963, draws from some 30 faculty members as core staff and has encouraged

development of 30 courses in various departments serving some 1,000 students.



John M. Hunter



Traveling Scholars Program is a major CIC function. MSU doctoral students Edward O. Henry (left) and Lynette Woods studied at Indiana University. At right is Craig Zwerling, University of Wisconsin.

CIC: How cooperation builds

By EDWARD ZABRUSKY
Editor, News Bureau

The consortium arrangement will more and more characterize the relationships among universities in the future.

This approach may help to avoid costly duplication of certain specialized programs and facilities, reports Milton E. Muelder vice president for research development and dean of the School for Advanced Graduate Studies.

Voluntary cooperation among institutions of higher learning is already blossoming through an organization called the Committee on Institutional Cooperation (CIC).

Its members include the Big Ten universities and the University of Chicago, which, Muelder points out, probably have more in common than any corresponding group of universities in the nation.

The CIC was established in 1958 by the presidents of the participating universities. It is housed at Purdue University for administrative convenience where a professional staff assists groups interested in developing cooperative projects.

But in operative terms, the CIC is faculty-oriented, since faculty of the participating institutions conceive and initiate many proposals for cooperative action.

* * *

FACULTY SUGGESTIONS for possible cooperation can be given to the institutional CIC member (Provost John Cantlon at MSU). In some instances, "seed grants" are available to faculty groups that are exploring cooperative programs.

All projects are developed and conducted voluntarily, with no requirements that all 11 institutions agree on a program before it is launched.

The CIC operates in three major categories: panels, conference groups and subcommittees.

Three-man show opens Friday at Kresge

One-man shows by three members of the MSU art faculty will be presented by the Kresge Art Center Gallery during December.

The exhibit features the paintings of James Adaley, paintings and prints by James Fagan and sculpture by Robert Weil.

The show opening is 8 to 10 p.m. Friday. The artists will be present and refreshments will be served. The show continues until Dec. 23.

The panel is a work group of faculty or administrative representatives established by official CIC action to conduct specific studies, projects or programs.

One of the most significant examples is the Traveling Scholar Program which allows doctoral students to spend two quarters or one semester at a CIC institution offering a resource unavailable on a student's home campus.

* * *

OTHER PANELS include such programs as biometeorology, graduate and advanced research training in dentistry, institution development overseas, summer language programs and study abroad, polar studies research, aeronomy, urban affairs and water resources.

CIC conference groups are devoted to exploratory meetings to initiate project plans. These groups may deal with the disadvantaged, Afro-American curricular development, black doctoral fellowship programs, law schools and special education programs.

Subcommittees, which constitute the CIC's third category, initiate and oversee studies that involve broad policy considerations in major areas. As examples, there were subcommittees on the disadvantaged, international programs, regional higher education, television and computers.

"It is impossible," Muelder explains, "for one university to provide resources and expertise in all the fields of human knowledge which are required today."

* * *

THROUGH THE CIC, and particularly through its Traveling Scholar Program, each institution can capitalize on the strengths of the others. And a student can fill in the gaps that otherwise might have forced him to transfer to another institution to complete his doctorate.

"We recognize that certain disciplines must be duplicated at each institution," Muelder says. "These would include strong departments in the French-German languages.

"But it is not necessary for all of them to have the same expertise in African or Asiatic languages or classical archaeology, or for all schools to have a sophisticated cyclotron such as we have."

The Traveling Scholar liaison officer here is Clarence W. Minkel, associate dean in advanced graduate studies. He notes that the program is not large in numbers and is not likely to ever be, due to the very specialized needs of specific students.

Since it was established six years ago,

the Traveling Scholar Program has enabled 725 graduate students to cross institutional lines with a minimum of "red tape."

They might use such resources as a specialized course offering, an eminent faculty member, a rare library collection or an outstanding laboratory or research facility.

* * *

APPLICATION FOR ADMITTANCE to the program must be approved first by the student's graduate adviser and then by the respective department chairmen and the deans of both institutions involved.

Muelder indicates that MSU has profited more, perhaps, from the Traveling Scholar Program than have some other CIC institutions. Last year it sent 17 students and received nine.

The University of Chicago, according to last year's report received 40 students from other institutions and sent 13. Wisconsin, for example, sent 19 and received 8. Michigan sent 15 and received 13.

Muelder points out that the CIC also provides a meeting ground for a number of groups from the 11 institutions. One of the most fruitful conferences, he notes, is the annual meeting of the graduate deans concerned with programs for students from disadvantaged backgrounds.

The liberal arts deans also have met to consider such programs as improved language instruction.

A number of other groups at the departmental level are getting together to share basic information and ideas. Other CIC groups include honors directors, summer session deans, financial aid officers, public relations directors, and alumni departments.

Campus to play host to drama competition

The Performing Arts Company will play host to the regional competition of the second American College Theatre Festival next week.

Six plays will be presented in Fairchild Theatre, at 8 p.m. next Monday through Thursday, and at 2 p.m. Tuesday and Wednesday.

The best plays from 10 regional competitions will be invited to perform in Washington, D.C., next April.

Admission to the productions is by PAC season coupon. Tickets may also be purchased at the Fairchild Theatre box office from 12:30 to 5:30 p.m. today and Wednesday, and next week. The box office will also be open 7-9 p.m. next week. Information is also available by calling 5-0148.

WMSB

Tuesday, Nov. 25
7 p.m. SPIN BACK THE YEARS. G. Robert Vincent.
Wednesday, Nov. 26
7 p.m. YOUNG MUSICAL ARTISTS. Pianist Steven Mayer of New York City.
Thursday, Nov. 27
12 noon LAURA WEBER HOOTENANNY.
12:30 p.m. THE PUPPET PRINCE.
1:30 p.m. MSU CHAMBER ORCHESTRA.
Friday, Nov. 28
7 p.m. NIGHTTIME IN "MISTEROGERS NEIGHBORHOOD."
Saturday, Nov. 29
11 a.m. INNOVATIONS.
11:30 a.m. GAMUT. Cartoons of Phil Frank.
1 p.m. INSIGHT.
1:30 p.m. BLACK MAN IN THE AMERICAS. Dr. James Hooker, history department.
Sunday, Nov. 30
11 a.m. YOUR RIGHT TO SAY IT.
11:30 a.m. NEWS IN PERSPECTIVE. Drug laws.
12:30 p.m. NIGHTTIME IN MISTEROGERS NEIGHBORHOOD.
1:30 p.m. NET FESTIVAL. Documentary on playwright George Houston Bass.
3 p.m. ACCENT.
3:30 p.m. THE FORSYTE SAGA.
4:30 p.m. NET JOURNAL.
10 p.m. THE ADVOCATES. Topic is marijuana and penalties for its use.
11 p.m. NET PLAYHOUSE. James Broderick, Theatre Company of Boston pay tribute to William Jennings Bryan. (90 minutes)
Monday, Dec. 1
7:00 p.m. SPARTAN SPORTLITE. Films of Spartan hockey; Gus Ganakas and Eastern Kentucky basketball coach Guy Strong.

WKAR

Tuesday, Nov. 25
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. "Mr. Bridge." (Monday through Friday.)
10 a.m. (FM) ON CAMPUS. (Monday through Friday.)
11 a.m. (AM) TRANSATLANTIC PROFILE.
11:30 a.m. (AM-FM) NEWS. (Monday through Friday.)
1 p.m. (FM) MUSIC THEATRE. "Me and Juliet."
5 p.m. (AM-FM) NEWS 60. (Monday through Friday.)
8:30 p.m. (FM) BOSTON SYMPHONY.
Wednesday, Nov. 26
11 a.m. (AM) BOOK BEAT.
1 p.m. (FM) MUSIC THEATRE. "Paint Your Wagon."
8 p.m. (FM) FM THEATRE. "The Double Gallant."
Thursday, Nov. 27

WKAR-AM and FM are off the air in observance of Thanksgiving.

Friday, Nov. 28
11 a.m. (AM) A FEDERAL CASE.
1 p.m. (FM) MUSIC THEATRE. "Christine."
2 p.m. (FM) ALBUM JAZZ.
4:45 p.m. (AM-FM) EDUCATION IN THE NEWS.

Saturday, Nov. 29
9 a.m. (AM-FM) DICK ESTELL READS. "Instant Replay."
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, Nov. 30
2 p.m. (AM-FM) CLEVELAND ORCHESTRA.
4 p.m. (AM-FM) FROM THE MIDWAY. An address at University of Chicago.
7 p.m. (FM) COLLOQUY. Public affairs editor Rob Downey.

Monday, Dec. 1
11 a.m. (AM) COLLOQUY.
1 p.m. (FM) MUSIC THEATRE. "I Do, I Do."
10:30 p.m. (FM) MUSIC OF TODAY. Witold Lutoslawski.

The final fall term issue of the Faculty News will be published next Tuesday (Dec. 2). The first winter term issue is scheduled to appear Jan. 6, 1970.

New grants support varied faculty research

Support for a variety of faculty research projects is included in the \$2.9 million worth of gifts and grants accepted Friday by the Board of Trustees.

A Detroit Edison Co. award of \$250,000 - to support a four year study on the effects of heated discharges into western Lake Erie - is coordinated by Robert C. Ball, professor of fisheries and wildlife and director of the Institute of Water Research.

The board also accepted a \$91,000 grant from the Esso Education Foundation to Paul L. Dressel, assistant provost and director of the Office of Institutional Research, to conduct a two-year study of the effects of university structure on the operation of departments.

Stephen E. Toulmin, professor of philosophy and former head of the department of philosophy at Leeds University (England), is studying the relationship of findings in the neurosciences to philosophical theories of knowledge. His continuing research is supported by a \$33,600 grant from the National Science Foundation.

Research efforts of the late Leroy G. Augenstein will be continued through a grant of \$53,769 from the National Institutes of Health. The NIH grant, covering work to be carried out this year, will be administered by one of Augenstein's colleagues in biophysics.

Ongoing research on animal tuberculosis will continue under the direction of Virginia H. Mallmann, assistant professor of microbiology and public health. The board accepted a grant of \$73,000 from the Animal Health Division of the U.S.D.A. to continue the work.

Research grants were also approved for the following faculty: S.D. Aust, biochemistry, \$12,210 from National Institutes of Health (NIH) to study bioactivation of Slafamine; W.W. Wells, biochemistry, \$29,808 from the NIH for research on galactitol formation and abnormal tissue function; L.L. Bieber, biochemistry, \$24,000 from the National Science Foundation (NSF) to study the biosynthesis, function and sites of mitochondrial phospholipids; R.J. Evans, biochemistry, \$32,000 from U.S. Department of Agriculture to improve protein in beans, peas and lentils; W.F. Meggitt, crop and soil sciences, \$500 from Fisons Corp. to evaluate certain chemicals for control of nutsedge.

Other faculty research grants went to: C.J. Mackson, agricultural engineering, \$5,810 from Ford Motor Co. for research on frequent use of tractor controls; B.F. Cargill, agricultural engineering, \$1,000 from National Pickle Growers Association, Inc., to design equipment for harvesting and handling of cucumbers; B.H. Good, University Farms, \$5,000 from Jameson Corp., to improve horse production in breeding, selection, feeding,

management, and marketing; E.C. Rossman, crop and soil sciences, \$1,000 from Michigan Foundation Seed Association to develop improved corn hybrids; J.B. Beard, crop and soil sciences, \$3,000 from Sewerage Commission of Milwaukee to study nutritional factors in turfgrass winterkill.

Also receiving research grants were: J.T. Huber, dairy, \$2,500 from Agway, Inc., for dairy nutrition research; R.M. Cook, dairy, \$5,000 from Shell Companies Foundation, Inc., to study ruminant metabolism of pesticides; L.J. Boyd, dairy, \$7,500 from Syntex Research to determine effect of oral doses of flumethasone; H.D. Hafs, dairy, \$1,500 from Upjohn Co. for research on infertility in dairy cattle; T.I. Hedrick, food science, \$1,301 from Enviroton Corp. for research on aseptic packaging of dairy products.

* * *

Research grants were also approved for: A.M. Pearson, food science, \$17,026 from U.S. Public Health Service to study muscle protein changes caused by microbial growth; William Carpenter, horticulture, \$2,500 from Joseph H. Hill Foundation for research on supplemental lighting of greenhouse roses; W.H. Carlson, horticulture, \$1,000 from Jiffy-Pot Co. of America for research on slow release fertilizers on floriculture crops; John Carew, horticulture, \$1,510 from Michigan State Florist Association for research on greenhouse flower crops.

Other research grants approved included: E.W. Roelofs, fisheries and wildlife, \$34,100 from Federal Water Pollution Control Administration to expand training and research in aquatic biology, emphasizing water pollution; J.W. Goff, packaging, \$3,000 from American Cyanamid Co. for research on control of damage in shipment; S.E. Toulmin, philosophy, \$33,600 from the NSF to relate developments in neurosciences to philosophical theories; Walter Adams, economics, \$600 from Steel Service Center Institute for research in Program on Industrial Structures in Atlantic Community; C.Y. Yang, advertising, \$500 from Mead Packaging for research in the advertising media.

* * *

The following were also granted research grants: P.G. Haines, secondary education and curriculum, and Beatrice Paolucci, family and child sciences, \$30,151 from U.S. Office of Education to provide professional development of vocational education personnel; Kun-Mu Chen, engineering research, \$30,000 from Air Force Cambridge Research Laboratories to investigate antennas in electromagnetic radiation theory; Carol Shaffer, family and child sciences, \$4,987.38 from State of Michigan to determine present status of consumer protection and make future recommendations in Michigan; W.B. Weil Jr., human development, \$100 from Gunther S. and Anne E. Fonken for genetics research; H.W. Cox, microbiology and public health, \$25,820 from National Institute of Allergy and Infectious Disease to investigate mechanisms of relapse in malaria.

Other research grants went to: Peter Hirsch and Richard Moore, microbiology and public health, \$1,000 from National Institute of General Medical Science to study morphogenesis and taxonomy of budding bacteria; C.L. SanClemente, microbiology and public health, \$12,026 from the NIH to study immunological activity of staphylococcal phosphatase in experimental animals; K.E.

Moore, pharmacology, \$20,777 from the NIH to study catecholamines as central nervous transmitters; R.U. Byerrum, biochemistry, \$3,481 from NIH to study biosynthesis of heterocyclic rings in plants; J.M. Vargas Jr., botany and plant pathology, \$300 from E.I. duPont De Nemours & Co. to study application of a fungicide for control of typhula snow mold. W.B. Drew, botany and plant pathology, \$500 from Great Lakes Mushroom Cooperative for mushroom disease research.

Also receiving research grants were: A.H. Ellingboe, botany and plant pathology, \$15,782 from NIH to study genetics and physiology of plant parasitism; L.W. Mericle, botany and plant pathology, \$20,035 from U.S. Atomic Energy Commission (AEC) to study radiosensitivity of embryonic tissues; D.G. Farnum, chemistry, \$28,110 from NIH for preparation of novel metacycles; W.H. Reusch, chemistry, \$26,533 from NIH to study ring modification in steroids; J.B. Hamilton, chemistry, \$7,500 from Petroleum Research Fund to study Niobium (IV) Halide addition compounds; C.H. Brubaker Jr., chemistry, \$18,000 from U.S. AEC to study effects of polyfunctional anions on electron transfer between metalions in solution; Gordon Guyer, entomology, \$400 from Chemagro Corporation to study the analysis of residues in vegetables.

* * *

Other faculty research grants went to: Angus Howitt, entomology, \$500 from Chemagro Corporation and \$400 from Morton Chemical Co. for experimental work with insecticides on fruits; E.H. Carlson, physics, \$29,619 from U.S. AEC to study

f-shell ions in nonmetallic compounds; E.M. Rivera, zoology, \$16,605 from NIH for development of the mammary gland in vivo and in vitro; C.S. Thornton, zoology, \$13,206 from NIH to study neural and epidermal interactions in regeneration; K.W. Cummins, Kellogg Biological Station, \$32,864 from U.S. AEC to determine energy budgets for freshwater invertebrates.

Additional research grants were approved for the following faculty: Clifford Welsh, anatomy, \$2,000 from Michigan Division of American Cancer Society to study role of central nervous system in development and growth of tumors; Charles Cunningham, microbiology and public health, \$5,000 from USDA Agricultural Research Service to investigate methods to detect and identify minute quantities of biocentrants in laboratory indicator viruses.

Also receiving research grants were: P.O. Fromm, physiology, \$22,947 from NIH for comparative physiological studies of vertebrate eyes; G.H. Connor, large animal surgery and medicine, \$427.40 from Parke-Davis & Co. to determine blood levels of a sulfonamide drug following a single oral dose in the feline; P.J. Tillotson, large animal surgery and medicine, \$700 from Upjohn Co. to determine results of various equine orthopedic methods; James Brown, Museum, \$1,437.50 from Natural Resource Department, Mackinac Island Park Commission for archaeological research at Fort Michilimackinac; R.L. Green, Center for Urban Affairs, \$24,000 from Michigan Department of Education to develop bilateral relationship between providers and consumers of welfare programs and to establish day care center and job placement for project mothers.

Latest Ford grant . . .

(continued from page 1)

One Ford grant for \$1 million in 1960 and another for \$1,250,000 three years later served as "seed" money to accelerate growth, support individual faculty research efforts, and establish some of the early area studies centers and problem-solving institutes on campus.

These earlier Ford grants, Smuckler reported, supported scholarship leading to 141 books and monographs, 280 articles and 148 papers all internationally oriented.

More than 200 faculty members in various departments and an increasing number of graduate students have participated in the publishing of materials, according to Smuckler.

Ford grants have also helped expand book holdings, pamphlets and other international resources in the international division of the Library.

In July, 1964, the University received additional Ford support of \$250,000 for undergraduate curriculum development in international studies. Funds have also been used to support

work in general studies in the University College, undergraduate programs in the Colleges of Social Science and Arts and Letters, and instructional programs in some of the professional colleges.

Under the latest grant, faculty members and graduate students working with MSU's area studies, centers and international institutes will receive support for their research activities.

Auto club organized

Some 150 students, faculty and townspeople are members of the New Community Auto Club that has contracted with a local service station to provide co-op members with discount prices on gas, oil, parts and labor.

Dan Shapiro, a graduate student who is vice chairman of the group, said the contract has been made with a station at Michigan Avenue and Beal St.

Membership in the group is \$5 a year until Thanksgiving and \$6 a year thereafter, he said.

Council keeps faculty voice in athletics . . .

(continued from page 1)

years occasional student complaints that athletes aren't getting enough assistance. "This was a real shocker," he says.

* * *

MSU's ATHLETIC COUNCIL also includes these faculty members: Emanuel Hackel, professor and chairman of the natural science department; Leo Martin, professor and chairman of television and radio; Clinton Meadows, professor of dairy; Charles Reed, associate dean of veterinary medicine; Irvin Vance, assistant professor of mathematics; and John Zimmer, assistant dean of the College of Natural Science.

They are nominated by the Committee on Committees, appointed by the president and confirmed by the Faculty Senate.

Other council designates include: the athletic director (Clarence L. Munn); the director of the alumni association (John Kinney); the vice president for

business and finance (Roger Wilkinson); two alumni representatives; and the president of ASMSU.

The council meets at least once a term and concerns itself with a variety of matters relating to athletic policy: eligibility, facilities, schedules, ticket prices and regulations, television and radio policies, athletic awards and others.

But it does not become directly involved with administration of the athletic program, Fuzak says.

* * *

FUZAK IS ALSO MSU's representative to the Big Ten (officially but rarely known as the Intercollegiate Conference of Faculty Representatives).

That title is literal, since the Conference is governed by faculty representatives from the 10 schools. This means, for example, that only the faculty representatives can change the ruling that prohibits a team from making two consecutive Rose Bowl appearances. And such a change - even

if it were made - would not become effective before 60 days under Conference rules.

Increasingly stringent academic requirements introduced in the Big Ten are being adopted across the nation, Fuzak says.

Critics suggest that these tighter controls have made conference members weaker in intercollegiate competition, but Fuzak discounts this view.

He points out that in football, for instance, Big Ten schools are now playing much more difficult nonconference schedules than they were 10 or 15 years ago.

* * *

"PARTLY BECAUSE of financial pressures (to bolster attendance), we're now playing the best competition in the country," Fuzak says.

At Michigan State, the possibility of more emphasis on intramurals and sports clubs looms ahead, according to Fuzak.

He foresees the day when there may be several categories of organized athletics: intramurals and sports clubs that involve faculty as well as students, and two or more levels (instead of just one varsity level) of intercollegiate competition.

Although the Big Ten has meant primarily athletics and competition, Fuzak points out, it has also fostered a growing feeling of academic cooperation among the universities.

The conference has accommodated formation of various consortia, faculty and staff exchanges, and conferences and seminars. An example is the Committee on Institutional Cooperation, which is examined elsewhere in this issue.

Most importantly, Fuzak says, the faculty influence has helped maintain the concept of balance between academics and athletics.