

MSU News-Bulletin

Vol. 3, No. 13

Michigan State University

Jan. 13, 1972



— Photo by Dick Wesley

Alan VerPlanck: A change in grade averages.

Preparing not to be a Rhodes Scholar

(Note: The news of Alan VerPlanck's selection as a Rhodes Scholar came several weeks ago. This report on his reactions and views is by VerPlanck's fellow Honors College student and editor, John McKay.)

Alan VerPlanck didn't like high school and graduated from Lansing Eastern with a 2.1 grade average.

"MSU and Oklahoma State were the only places that would take me," he recalls. "Quite honestly, I came to school because I didn't want to be drafted."

VerPlanck will leave MSU this spring as a Rhodes Scholar, with a 3.99 average and Phi Beta Kappa honors. He is the fourth Rhodes Scholar from this institution — the first since it became MSU.

"I was really surprised (to get the Rhodes award)," he said. "It's not the kind of thing I even thought about as I grew up. Quite a few of these guys grow up preparing to be Rhodes Scholars."

VerPlanck thinks that it is harder for someone from a state institution to receive the prestigious scholarship.

"Most recipients come from schools which, if not better in kind are at least

(Continued on page 2)

The IM game: Finding facilities to meet demands

In the past few years, the competition to reserve a basketball or paddleball court in the Men's Intramural building has become as fierce as the action on the courts themselves.

Increasing numbers of students, faculty, administrators, and employees are bidding daily for use of the limited facilities, and the predictable result is conflict. The man whose job it is to keep things running as smoothly as possible is Harris F. Beeman, director of intramural athletics at MSU since 1948.

Beeman's philosophy in resolving conflicts that do arise over the limited facilities is fairly simple — at least in theory.

"Since we are funded by student money and are under the student affairs office, our first responsibility is to students," he said.

"But our job is to serve the faculty and staff the same as students in terms of meeting recreational needs. We conceive of them as equal. A member of the grounds crew should have the same access to a handball court as a professor.

"But where there is a conflict, we go with the student," he added.

Most conflicts occur during winter term when the weather forces most people inside. As a result of the increasing demand, Beeman set up a reservation system several years ago. It allowed prospective players to phone the IM office at 8 a.m. and reserve a court for basketball, paddleball, tennis or whatever for the same day.

This was fine in theory, but it caused problems.

"We found that faculty and staff would assign the job of reserving a court to their secretarial staff. Since students don't have secretaries, it made it almost impossible for them to get on the courts."

As a result, the Men's IM now requires

a 6 p.m. reservation for using facilities the following day, which Beeman feels is more equitable to all groups.

* * *

IN AN ATTEMPT to serve more people, a number of internal additions has been made over the past few months.

(Continued on page 4)

Dean searches still underway

Three colleges which now have acting deans may at least have nominations for permanent deans into the provost by next month.

The College of Education search and selection committee has already submitted a list of candidates for dean to the provost last November, according to Lee S. Shulman, professor of counseling, personnel services and educational psychology, and chairman of the education search committee.

Human Ecology continues to interview candidates and hopes to submit a list to the provost by the end of January, according to Dorothy Arata, assistant provost for undergraduate education and chairman of that search committee.

Nominees for dean of James Madison College are being invited to meet with the students and faculty of that college. Chitra Smith, associate professor in Madison College and chairman of the search committee, said that "if all goes according to plan," those interviews should be completed in one month, and recommendations should go to the provost "almost immediately thereafter."

Skinner book joins 'Catalog' on top-sellers' list

"The Last Whole Earth Catalog" continues to enjoy brisk sales at local book stores, and B.F. Skinner's controversial "Beyond Freedom and Dignity" is becoming more popular with MSU faculty, staff and students.

A survey of six local book stores—based mainly on holiday sales—shows both of these books are among the top 10 sellers in three stores. "Whole Earth Catalog" was a top seller in the first News-Bulletin survey (Nov. 4, 1971).

Six other books are top sellers at two stores each. Two of them improved their rank over the last survey: "The Exorcist" by William P. Blatty and "Tracy and Hepburn" by Garson Kanin. The other four were also top sellers in the November report: "Bury

My Heart at Wounded Knee" "Future Shock," "Jonathan Livingston Seagull" and "Wheels."

"The Test," written by Walter Adams, was reported as the top seller in one store, but did not make the top 10 in any other store's report.

* * *

TWO BOOKS which were reported among the top sellers in the local November list didn't make this report: "The Summer of '42" and "Slaughterhouse Five."

Other books moving well in individual stores included: "The Greening of America," "Rabbit Redux," "Without Marx or Jesus," "Eleanor and Franklin," "Honor Thy Father,"

(Continued on page 5)

What MSU is reading

- The Last Whole Earth Catalog, edited by Stewart Brand (3)
- Beyond Freedom and Dignity, By B.F. Skinner (3)
- Bury My Heart at Wounded Knee, by Dee Alexander Brown (2)
- The Exorcist, by William P. Blatty (2)
- Future Shock, by Alvin Toffler (2)
- Jonathan Livingston Seagull, by Richard Bach (2)
- Tracy and Hepburn, by Garson Kanin (2)
- Wheels, by Arthur Hailey (2)

The numbers in parentheses refer to the number of local stores in which each book is among the top 10 sellers. The above survey was made following the Christmas holidays. Stores in the survey include: The MSU Bookstore, the Campus Book Stores, Student Book Store, Paramount News Center (East Lansing), Tom Sawyer's Book Raft.

On other campuses

UW RAISES STIPENDS. Graduate assistant stipends at the University of Wisconsin have been increased \$18 for the second semester to compensate for raises in graduate fees. At the new rate, half-time, beginning teaching assistants will receive \$444 a month, and experienced TAs will get \$461. Research assistants on academic year appointments will be at \$349 a month for half-time, and research assistants on an annual basis will receive \$319.60.

* * *

A SEX COUNSELOR. A full-time sex counselor has been appointed at the Cornell University Health Services. She is Rosalind Kenworthy, a former teacher who has worked with the National Organization for Women. Her duties include counseling students and her job, she says, is "primarily educational about birth control — what's good for the individual, how she can get it, what it costs."

* * *

STUDENT REGENTS. The University of Minnesota Board of Regents has approved the seating of 16 nonvoting students on eight of its committees, excluding the executive committee. The plan will be on a trial basis until the end of the school year. Student body presidents from four of Minnesota's campuses expressed displeasure with the action because it denies student regents the right to vote and because the selection process is with the University Senate committee on committees, a primarily faculty group.

* * *

DEFICIT AT OHIO STATE A projected 1971-72 deficit of \$1.4 million in its residence hall system has caused Ohio State University to seek ways of cutting costs in housing operations. The deficit is caused by rising costs and lower occupancy — the latter a result of a decrease in freshman enrollment and the granting of waivers to some 1,200 under-21 sophomores who normally would have been required to live on campus. Total occupancy in Ohio State's residence hall system is 10,863 out of a capacity of 11,970.

* * *

THE 'ENGINEERING ARTS' The College of Engineering at Tufts University has created a curriculum that combines traditional engineering courses and liberal arts disciplines in up to equal proportions. The course will result in an "undesignated" B.S. degree and will, according to Dean Ernest D. Klema, "bring the humanist and the scientists together." He said the curriculum should be "particularly attractive to women."

* * *

OREGON'S HIRING GOAL. During the 1972-73 academic year, the University of Oregon will try to fill 50 per cent of its faculty and administrative vacancies with women and members of minority groups.

MSU's Rhodes Scholar . . .

(Concluded from page 1)

better in name — it was not so long ago that this was MAC. But in my opinion undergraduate education is the same everywhere — except in the institutional attitude toward the undergraduate curriculum."

"At Michigan the institutional attitude is very bad," he says, "and at Harvard it is archaic. Michigan State is a large University that is still geared toward undergraduates."

VerPlanck said this is partly because MSU has the "Avis (we try harder) mind-set."

"It's humbler and more willing to change," he said. "It also wants to do something with the old land grant philosophy. This sounds sort of corny — but it's getting to be one of the hottest ideas in education again."

* * *

VERPLANCK SAYS THE reason he didn't do well in high school is that he doesn't like compulsive education — "the compulsion should come from inside." Reflecting on the quality of education at MSU, VerPlanck says that "the people are most important."

"Al Drake in English, for example, is a good writer and teacher, and he works hard for students. I always thought it was impossible to teach writing, but Drake does an excellent job of it. And (William) Brazill's Intellectual History of Europe is the best non-English course I've taken," he added.

VerPlanck feels that the term system, combined with the variety of courses offered, makes education at MSU a much more pleasant experience than can be found in smaller colleges or high schools.

* * *

BUT SIZE has its disadvantages, of course. "Even with improvements in student participation," he says "it is hard to know how to effect policy changes on the college level, for example."

VerPlanck has been chairman of the undergraduate advisory committee to the Department of English for three years and has held other academic governance positions.

"The Honors College and the ombudsman are two of the best features of this institution, because they're highly visible red-tape cutters for undergraduates."

"The Honors College is not really an institution — it's just an opportunity. It helped me because I did not have to take the second year of University College courses."

* * *

LONG AN enthusiastic student of English, VerPlanck is also interested in many other areas, but he nurses a pet prejudice about the social sciences.

"I don't believe in social science," he said. "It's a fiction created by academicians in order to tell us the obvious in an eloquent way. There are very few instances where psychology can say something that Dostoevski doesn't seem to have said already."

Alan VerPlanck, writer, editor and short order cook, is probably not a typical Rhodes Scholar. But like former winners — from Supreme Court Justice Byron White to folk singer Kris Kristoferson — he isn't too worried about being typical.

— JOHN MC KAY

Financial Report

1970-71 is called a year of austerity

In a year marked by economic austerity, MSU managed to: Enhance its reputation for graduate education, according to a national survey; hold its place as the No. 1 choice of Merit Scholars; add its 16th college (osteopathic medicine); conclude the work of a presidential commission on admissions; upgrade opportunities for both minority students and employees.

The cost for these and many other activities came to nearly \$175 million during 1970-71, according to the University's annual Financial Report.

The report shows that the general University operating budget came to \$92.8 million, of which some \$55.8 went for instruction and educational services. Sponsored research, the experiment station and the extension service helped spend \$43.2 million.

Auxiliary activities, including residence halls, apartments, the Union, the bookstore and athletics required expenditures of \$34.8 million.

MSU in 1969-70 spent some \$168 million.

* * *

AMONG OTHER ITEMS in the 105-page report of 1970-71 are:

* The University's endowment fund balance grew by about \$1 million during the past fiscal year, to \$10.8 million.

* The value of MSU's land, buildings and equipment is \$366.5 million, about \$10 million higher than a year ago.

* It cost \$11.6 million to operate and maintain that plant, including \$2.7 for coal and \$1.8 million for custodial services.

* MSU contributed more than \$4 million to the TIAA retirement plan, and \$1.7 million to the University controlled noncontributory plan. (And the University paid out nearly \$100 million in total salaries and wages.)

* Of 13 colleges (excluding the three residential colleges), the highest expenditures were for natural science (\$7.66 million), arts and letters (\$5.2 million) and social science (\$4.8 million). At the low end were osteopathic medicine (\$789,000),

human ecology (\$1.04 million) and communication arts (\$1.3 million).

* By comparison, expenditures for the Center for Urban Affairs came to \$1.3 million, and general administration expenditures (including the president's office, provost, secretary, University attorney, University relations) totaled \$1.2 million.

* Total library expenditures came to \$2.8 million.

* Supplies and services for members of the Board of Trustees totaled \$45,557.

* The athletic department had revenues of \$2 million (\$1 million from football), but finished the fiscal year with a \$15,000 deficit.

* The State News ended the fiscal year with a balance of \$305,000.

* The Union Building operated at a loss (\$75,000), as did the MSU Bookstore (\$26,500) and Kellogg Center (\$193,800). Operating surpluses were reported by the Crossroads Cafeteria (\$3,000), parking and transportation (\$234,800), and both the large and small animal clinics.

* MSU received nearly \$6,000 royalties during the fiscal year, ranging from \$65 for business services to \$1,700 for a cucumber picker developed by agricultural engineers and horticultural scientists.

* * *

THE REPORT cites the past year as one in which changes brought more student participation to academic governance, more classroom emphasis on social problems, some major research developments (including demonstration of the anticancer effects of platinum), and more service through cooperative extension and continuing education.

And it outlines a future in which austerity will remain a fact of life.

"Too often," the report states, "educators seem to view this as an unfairly penurious trend after a long period of relative affluence. They fail to appreciate the severity of the general economic situation or, even more seriously, the growing cracks in education's edifice of respectability."

"Therefore, rather than bemoan what might be perceived as the shortsightedness of legislators and taxpayers, our job in education is to provide more quality for each dollar that we receive."

—GENE RIETFORS

WKAR sets new series

An informal outlet for local issues and events, music, and news of current attractions is the primary aim of a new daily radio program which began this week on WKAR-AM.

WKAR's Steve Jensen hosts the 60-minute program of informal discussions and human interest feature reports, Monday through Friday at 9:30 a.m.

"We are planning to have guests stop in the studios and talk about area issues and ideas," Jensen said. "We'd also like to talk about cultural attractions and other news of interesting events in and around Lansing. We want to focus on people talking with people."

The program also touches on film and theatre reviews, consumer information, conversations about new musical releases, and any other topics of local interest. A wide range of music from classical to "pop" rounds out the program.

The new music and feature program is part of WKAR's focus on the community, and the station is interested in suggestions.

Communication talks to begin

"Human Communication: International and Cross-Cultural Implications" is the theme of a new lecture series sponsored jointly by the College of Communications Arts and its Alumni Association. All lectures are open to the public and will be held at 7:30 p.m. in Room 116 of the Natural Science Building.

On Monday, (Jan. 17), Joseph L. Stewart will speak on "Communication among the American Indians" in a lecture sponsored jointly with the American Indian Programs of the Center for Urban Affairs. Stewart is a communication disorders specialist with the Indian Health Service, U.S. Department of Health, Education, and Welfare.

Around the campus: A weekly review

Women want 'where power is'

About 50 women met last week and rejected the idea of an advisory commission to Equal Opportunity Programs on the status of women.

They instead want an advisory council to the president — where the power lies, they said.

They also decided that they did not want a presidentially - appointed commission.

And those were the only two major agreed-upon matters at the meeting.

The meeting was called by the EOP office and the women included faculty, students (both graduate and undergraduate) administrative - professionals and clerical - technical personnel, but no one from the labor payroll. The Alliance to End Sex Discrimination was there, as were representatives from other women's groups and individuals.

Also attending were Trustee Patricia Carrigan; Mary Sharp, assistant EOP director; Rita Zemach, assistant professor in engineering and chairman of the Committee Against Discrimination; and Olga Dominguez, EOP staff member assigned to the area of sex discrimination.

Carrigan suggested early that the women needed to decide what role a committee or council or commission would play and how effective that role could be. But from that point, discussion — or debate — showed little agreement on what should come first: The committee, the committee's objectives, or a proposal for both.

And concern was expressed on the concept of representation — by level within the University community, women outside the University community (who might like to be inside, one woman suggested), and by race.

And whenever representation is confirmed, there is the problem of selection. One A-P said she did not want to be chosen to an advisory council by the A-P Association which is, she said, made up primarily of men who have higher salaries than she.

The group did vote to establish a smaller group of women to investigate the means of effecting a presidential advisory council on the status of women here. That group of volunteers — representing student, faculty and employe levels — met Tuesday and drafted a letter to President Wharton. A meeting of the larger group — again, all interested women — has been called for Wednesday (Jan. 19) at 3 p.m. in 401 Administration Building.

Copies of the women's alliance proposal on an advisory group are to be distributed to all women who attended last week's meeting. Any other interested persons can obtain copies from the EOP office.

New teaching is criticized

Robert Ebel, professor of education, and president of the American Educational Research Association, says that the public is being misled into thinking that radical revision will bring radical improvements in education.

"We are told," Ebel says, "that it is no longer reasonable to expect an educated

person to have a grasp of any considerable body of knowledge.

"Instead, the educated person is held to be one who knows how to learn, who has developed the skills necessary to handle information productively in order to solve problems, to adapt to changing circumstances and to meet unexpected challenges."

Ebel emphasizes, however, that knowledge — of things and concepts, of facts and generalizations and of relations and processes — is the basis of human intelligence. A student cannot use an intellectual skill on something he knows nothing about.

The teacher's role is to guide and assist students in their efforts to turn information into knowledge, and the teacher must also try to make these efforts seem worthwhile to the students.

In this kind of teaching, Ebel explains, there is little rote learning. Instead, there is concern for factual knowledge, for accurate specific facts — and a concern for understanding.

Ebel condemns the new teaching methods, explaining that "there is a self-serving reason why some educators disparage the teaching of knowledge. It relieves them of responsibility for providing concrete evidence that their pupils are learning anything of value."

Thomas King dies

Thomas H. King, 76, former MSU dean of students, died Jan. 4 in Louisville, Ky. He had been hospitalized since suffering a heart attack eight weeks ago.

A member of the faculty since 1933, King was dean of students from 1950 to 1961. He first joined the University as a football end coach. In 1941 he was named head of the school of police administration and professor of law, and in 1945 was appointed counselor for men.

He also served as director of placement, 1942-50; director of the personnel office, 1944-48, and director of alumni relations, 1948-50.

Following his retirement in 1961, King returned to serve the University as head of the Ryukyus Project, 1963-64, and then as a consultant and associate director for special projects in the alumni office, 1964-66.

Prior to joining MSU, King served as coach and athletic director at the University of Louisville, and was also assistant manager of the Traveler's Insurance Co.

He is survived by his wife and a son. Memorial contributions may be made to the scholarship fund at the University of Louisville.

Pond series nearly ready

Construction of a \$220,000 Experimental Pond Facility at the Kellogg Biological Station is nearing completion.

Made possible by a grant from the National Science Foundation, it holds promise of being the site of one of the most intensive ecological studies of aquatic life ever undertaken.

Eighteen ponds on 40 acres of land will be the "test tubes" of the ecologists. Each pond is 100 feet in diameter and 7 feet deep. A well,

capable of delivering 500 gallons per minute, will supply water to a reservoir. A network of concrete pipes and valves will fill and empty individual ponds.

The facility could become a national research site where aquatic scientists from other laboratories can work together on problems of the freshwater environment.

One of the first experiments at the facility will be an investigation of the influence of aquatic plants on how fish feed. The ponds also have capabilities for watershed management studies by diverting agricultural run-off into the ponds to study the impact of the run-off upon freshwater systems.

Finding trees for highways

Urban and suburban Detroit areas have been chosen as initial sites for research in improving the environment along Michigan highways.

The project on highway tree ecology was proposed by MSU scientists and funded through a grant from the Legislature to the Agricultural Experiment Station.

According to Harold Davidson, MSU horticulturist and landscape tree expert, "The major aim is to find the tree species best adapted to survive air and water pollution problems that are common to many stretches of major highways in Michigan."

"Major emphasis will be on tree resistance to pollution, especially salt damage that can arise from snow removal," he said. "We will also look for trees that have potential for reducing noise and dust problems along highways in residential areas."

Rare books for Library

Two rare books — one by William Beaumont, a 19th century Michigan medical pioneer, and the other by Louis Pasteur — were recently donated to the MSU Library.

Beaumont's medical classic "Experiments and Observations on the Gastric Juice and the Physiology of Digestion" published in 1833 was donated by Mr. and Mrs. William D. Cheney of the class of 1941.

While serving as a post surgeon on Mackinac Island in 1822, Beaumont was called to treat a 19-year-old youth, Alexis St. Martin, for a gunshot wound which had torn open his stomach. Although St. Martin recovered his health and strength, all efforts to close the wound failed.

The observations and experiments which Beaumont performed with St. Martin brought 11 years of research which completely revolutionized what was known about the digestive system.

The second book, a first edition of Louis Pasteur's "Etudes sur le vin" ("Studies on Wine") published in 1866, was a gift of Walter L. Mallmann, professor emeritus of microbiology and public health.

The book relates Pasteur's study of the diseases of wine and their causes, and new procedures to preserve and age wine. Pasteur was the first to recognize that bad fermentations are the result of contaminating microorganisms or improper environment for the right organisms.

Little action in the Council

The Academic Council Tuesday:

*Heard a progress report on the faculty affairs and faculty compensation committee's work on salary schedules. Committee Chairman Frederick Williams, professor of history, cited questions the committee is considering, and asked for reactions from all members of the University community either in writing or at a hearings planned for the near future. Williams called for the "cooperation and best thinking of everybody."

*Heard a report on affirmative action goals and implementation procedures from Vice President for University Relations Robert Perrin. Perrin discussed the purpose and background to MSU's Affirmative Action Plan, explaining that the total number of faculty is expected to remain stable, so the economic brunt of hiring women and minorities should fall on the projected vacancies.

*Discussed a proposal from the faculty tenure committee on joint appointments of nontenured faculty (News - Bulletin, Jan. 6). The proposal will be acted upon at the February meeting of the Council.

*Discussed the proposal for modifying the general education program (News - Bulletin, Oct. 7, 1971). This item will also be acted upon at the February meeting.

*Approved a report from the University Curriculum Committee which included changes in the baccalaureate program in American Studies, new courses in seven colleges, and modifications in courses in 10 colleges.

*Were told that residential colleges will be grouped together as one small college for purposes of selecting winners of the Distinguished Faculty Award.

L-C tickets

Counter sales for winter term events in the Lecture-Concert Series opened this week at the Union Ticket Office.

Winter term events begin with the Alvin Ailey American Dance Theatre Wednesday and Friday, Jan. 19 and 21, and violinist Yehudi Menuhin Thursday, Jan. 20.

Further information is available from the Lecture-Concert Office, 355-6686, or from the ticket office, 355-3361.

MSU News-Bulletin

Editor: Gene Rietfors
Associate editor: Beverly Twitchell
Associate editor: Patricia Grauer

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.

Discrimination charges are under review

The Anti-Discrimination Judicial Board (ADJB) will meet Monday (Jan. 17) to set a hearing date for the case of an art professor (Margaret Yuill) who charges salary discrimination on the basis of her sex.

The Office of Equal Opportunity Programs (EOP) has investigated the case for nine months and mediation and conciliation have failed. This will be the first case to reach the hearing stage before the ADJB since it was set up in February 1970.

Other cases brought to EOP are in various stages of review.

The Lansing branch of the American Civil Liberties Union has requested an investigation into hiring, and other practices and programs of the College of Agriculture and Natural Resources, and the Cooperative Extension Service. The request follows complaints by Sol de Aztlan, Inc., a Chicano organization.

EOP director, Joseph McMillan, said this case will be discussed by the Committee Against Discrimination (CAD) at its January meeting, at which time EOP preliminary investigation findings will be reported.

Several complaints in five general areas were presented to EOP by the Alliance to End Sex Discrimination. The status of these, according to McMillan and EOP Assistant Director Mary Sharp, are:

COMPLAINT

STATUS

1 — President's Office: No women administrators.

True; a question of job vacancy.

2 — Provost's Office

A — No women at level of Student Admissions Office and Counselor.

Again a question of job vacancy; investigation continues.

B — Pay differential between women home economists and men who are county extension agents

Awaiting investigation.

C — Several academic departments allegedly discriminate in promotions, appointments or in salaries; these include the departments of psychology, labor and industrial relations, education, journalism, statistics and probability, social science and the University College.

EOP is making a salary study and will contact this month those departments where discrepancies are apparent.

Family planning clinic to open at health center

The Tri-County Family Planning Project (TCFPP) will open a satellite clinic on the campus Wednesday (Jan. 19) to aid married student families and other low - income persons in the East Lansing area.

The clinic will be open Wednesday evenings on an appointment - only basis. Located in Olin Health Center, it will be staffed by private practitioners and health center doctors during their off - duty hours.

Services of the new clinic are financed by county and federal funds through the Tri-County Family Planning Project.

"The University is making its facilities available as a public service," said James S. Feurig, director of the health center. "However, the clinic itself is administratively and financially a

function of Tri-County Family Planning Project."

Appointments at any of the project's five clinics may be made by calling the TCFPP office (372-9212).

In addition to providing birth control information and devices, the clinic will be involved in cancer screening, venereal disease detection, nutrition counseling, and social services.

Planning and organizing the clinic was done by Thomas H. Kirschbaum, chairman of the Department of Obstetrics, Gynecology and Reproductive Biology, in collaboration with Charles H. Wolfert, director of the TCFPP; Gordon D. Daugharty, a Lansing private practitioner and medical director for the clinics; and Feurig.

COMPLAINT

STATUS

3 — Executive vice president's office

A — No women interviewers in personnel office; women who apply are allegedly offered only secretarial positions; there is insufficient advertising for openings on campus; and leave of absence return form requires a physical following maternity leave while maternity leave is not covered by payment of sickness benefits.

The personnel department denies that only secretarial positions are offered to women. So, Sharp says, "it is a question of where we go from here;" there is again the question of job vacancies; advertising is minimal because of the job freeze; and EOP is drawing up a new maternity leave proposal which is now being discussed by the Executive Group (University administrators).

B — Alumni office and the alumni magazine are too highly male-oriented.

The alumni office has been appraised of the complaint, Sharp said. McMillan said the allegation has been investigated and is true, but "what will be done is another thing."

C — No women officers in the public safety department, and crass remarks made to coeds who complain of assaults.

Officers say crass remarks are not made to coeds; again a question of job vacancy and action the unit decides to take.

4 — Vice president for business and finance office: No women head janitors; maids and janitors perform similar work but have different pay rates.

The ADJB has an individual case which is, Sharp said, being "pursued with vigor". Earlier investigations leading to a "visit" with the unit were followed by the appointment of three women to higher custodial classifications than had been held by women here before.

5 — Vice president for University relations

A — EOP telephone number should be listed under "discrimination."

This will be done in the next published directory.

B — CAD and ADJB should disseminate more information about their work.

News (published) about the two bodies has increased as the news value has increased, Sharp said, and a number of stories has appeared in both the News-Bulletin and the State News.

C — An EOP representative should attend the meetings of the Alliance to End Sex Discrimination

EOP instead attempted to form an advisory council to EOP on the status of women (see related story, page 3).

D — Women administrative - professionals in Information Services are discriminated against in salary and rank.

Vice President Robert Perrin is examining this, Sharp said.

Family swim offered

Family swim at the Women's IM pool is held on Sundays from 5 to 7:50 p.m. Children must be at least 53 inches tall

or able to swim two widths of the pool, and children must be accompanied in the water by at least one parent.

Matching IM facilities to demands . . .

(Concluded from page 1)

The dirt IM arena is now the turf IM arena following installation of artificial surface. It now contains five new basketball hoops and two tennis courts. It cost an estimated \$40,000 to install the new surface and accessories, but Beeman feels that in terms of increased usage, it has almost paid for itself.

In addition, 13 new baskets have been set up in Jenison Fieldhouse, also recently surfaced with artificial turf. Those new baskets should decrease some of the demand from the courts in the three gyms at the Men's IM.

But problems concerning the paddleball and handball courts are still present. Beeman estimates that it will take at least 24 new courts to meet the increasing demand, according to current reservation requests.

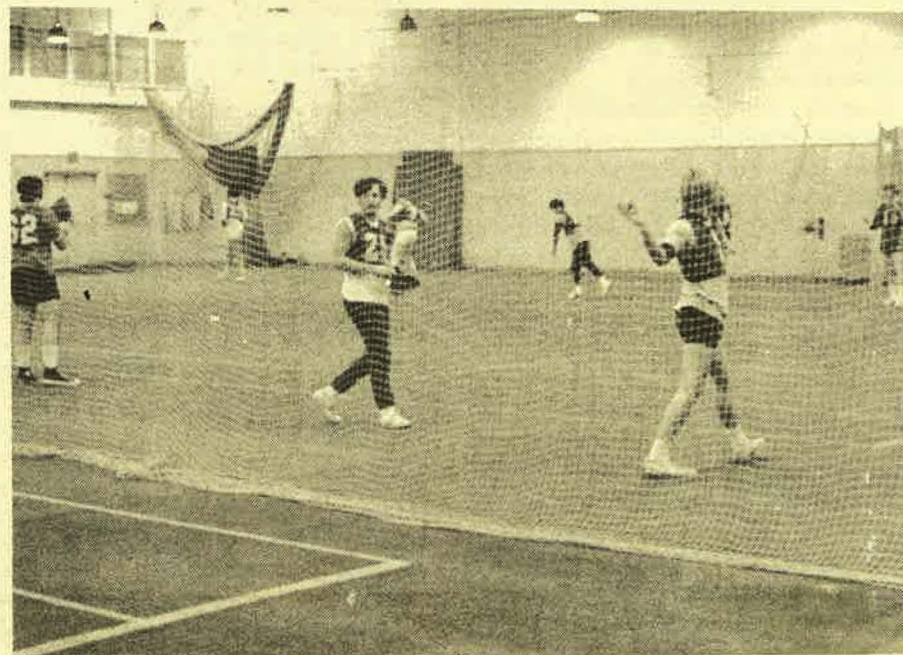
pressure, according to Beeman, is to construct a new intramural building. Although tentative plans for the building are sitting on Beeman's desk and land is being held in east complex, funds are not available.

Until they are, Beeman must continue his role as an administrative juggler between mass needs (basketball) and individual needs (tennis), between students and faculty, students and staff, and so on.

In 1971, an estimated 750,000 people used the facilities at the Men's Intramural Building. Although complaints are inevitable when that many people are competing for limited facilities, Beeman indicates most faculty and staff members say the \$20 a year for locker and towel is a good deal.

Those compliments, plus the vision of 24 new paddleball courts, make the complaints easier to take.

— MIKE MANLEY



The IM facility: Sometimes the competition is in getting to use it.

— Photo by Bob Brown

THE ONLY WAY to relieve this

BULLETIN BOARDS

From bagels to Berkeley to boa constrictors — MSU's bulletin boards offer all.

A random stroll through 10 north campus academic buildings shows a wealth of variety there for the peeking, although more than anything else our University's bulletin boards advertise the graduate programs of other universities.

And less than anything are safety notices, like the emergency police telephone number and tornado disaster procedures.

But for the shopper, seeker or browser, whether academic, social, athletic or hungry, almost anything can be found on bulletin boards to buy, exchange, sell, recruit, give, compete, join.

Tutoring, travel and an introduction to the Toast master's Club are there.

One can, according to the notices, find a roommate, sell skis, seek a scholarship, discover Europe. Or take

a new course, join a movement, find a party or a summer job, read poetry, get a paper typed.

Read meeting minutes, find a conference or seminar, subscribe to magazines, buy a poster. Find a candidate, buy a guitar, waterbed, car, mobile home, or a chinchilla (completely odorless, according to the notice).

Find out what's happening at Sparrow Hospital or where to reach one's lawmakers, find a babysitter or the next concert, be informed of new books out in one's field, buy a quarterhorse, have a horoscope done, get a free cream hamster.

Spend a year in France, buy camping equipment, see historic newspapers, give money to a cause.

View art prints, chuckle over a cartoon.

Read the Declaration of Independence, give blood, find a church, get pregnancy counseling...

*Things to buy, sell,
see, hear or learn*



... but not for profit

Note: Two University ordinances pertain to bulletin boards. Ordinance 31.00 — Signs — states that advertising is not allowed except on bulletin boards; and Ordinance 30.0 — Selling and Advertising — states that no person or firm may sell or advertise goods within MSU's boundaries, and that no person may display, except on his personal property, signs or posters which advertise a commercial product, service or activity. —BEVERLY TWITCHELL

The standing committees listed

Following is a list of the faculty members of seven University standing committees, as of Jan. 1. Membership lists of the other five standing committees — plus the committee on committees and student-faculty judiciary — will appear next week.

ACADEMIC GOVERNANCE: Edward C. Miller, agriculture and natural resources; Marjorie E. Gesner, arts and letters; R. Winston Oberg, business; Gerald R. Miller, communication arts; O. Donald Meaders, education; Robert O. Barr Jr., engineering; Kaye Funk, human ecology; James L. Conklin, human medicine; Gary J. Frost, James Madison; Milton C. Powell, Justin Morrill; Reed M. Baird, Lyman Briggs; Edward A. Nordhaus, natural science; J. Langdon Taylor, osteopathic medicine; Albert I. Rabin, social science; John H. Reinoehl, University College; Robert L. Michel, veterinary medicine; Melvin C. Buschman, continuing education, noncollege faculty; David W. Rohde, political science, selected by the Committee on Committees to represent lower faculty ranks. Also included are one student member per college and two student members-at-large.

BUILDING, LANDS AND PLANNING: Byron H. Good, agriculture and natural resources; Robert S. Alexander, arts and letters; Anne C. Garrison, business, chairman; Daniel S. Beasley, communication arts; Floyd G. Parker, education; Gail C. Blomquist, engineering; Robert R. Rice, human ecology; Gerry B. Mendelson, human medicine; William B. Drew, natural science; Nicholas Fiel, osteopathic medicine; Jack C. Elliott, residential colleges (Briggs); D. Newton Glick, social science; Donald S. Gochberg, University College; Vance L. Sanger, veterinary medicine; John E. Nellor, assistant vice president for research development, noncollege faculty. Also: Three undergraduates, one graduate student, two student members-at-large. Ex officio: Executive Vice President Jack Breslin; Campus Park and Planning Director Milton Baron; University Architect Robert L. Siefert;

James Peters, Office of Space Utilization.

BUSINESS AFFAIRS: John R. Brake, agriculture and natural resources; Eleanor G. Huzar, arts and letters; Charles J. Gaa, business; David L. Kragt, communication arts; Richard L. Featherstone, education; Merle C. Potter, engineering; Grace A. Miller, human ecology; David A. Reinke, human medicine; Aaron Galonsky, natural science; Joseph Patterson, osteopathic medicine; R. Judson Carlberg, residential colleges (Briggs); Gordon J. Aldridge, social science; Charles S. Scarborough, University College; Kenneth K. Keahey, veterinary medicine; Emery G. Foster, assistant vice president for business and finance, noncollege faculty. Also: Three undergraduates, two graduate students, two student members-at-large. Ex officio: University Comptroller Paul V. Rumpsa; Vice President for Business and Finance Roger E. Wilkinson.

CURRICULUM: Gerhardt Schneider, agriculture and natural resources; Paul A. Varg, arts and letters; Leo G. Erickson, business; Randall P. Harrison, communication arts; J. Geoffrey Moore, education; William A. Bradley, engineering; Carol W. Shaffer, human ecology; M. Ray Denny, human medicine; Robert F. Banks, James Madison; Barbara W. Ward, Justin Morrill; Paul Parker, Lyman Briggs; Douglas W. Hall, natural science; Rodney T. Houllhan, osteopathic medicine; Elinar Hardin, social science; Donald R. Come, University College; Samuel M. Getty, veterinary medicine; assistant Provost Robert Davis, noncollege faculty. Also: Six undergraduates, one graduate student and two student members-at-large. Ex officio: Assistant Provost John E. Dietrich; Registrar

Horace C. King; Assistant to the Provost Kermit H. Smith.

EDUCATIONAL POLICIES: Lester V. Manderscheid, agriculture and natural resources, chairman; C. David Mead, arts and letters; Eli P. Cox, business; Erwin P. Bettinghaus, communication arts; Raymond N. Hatch, education; Bruce W. Wilkinson, engineering; Vera Borosage, human ecology; Robert A. Brooks, human medicine; Chitra M. Smith, James Madison; Harold S. Johnson, Justin Morrill; Robert E. Snow, Lyman Briggs; William Kelly, natural science; John Barson, osteopathic medicine; Michael E. Borus, social science; Willard Warrington, University College; Al W. Stinson, veterinary medicine; Charles F. Schuller, instructional media center, noncollege faculty. Also: Six undergraduates; three graduates, two student members-at-large. Ex officio: Provost John E. Cantlon; Assistant Provost John E. Dietrich.

FACULTY AFFAIRS AND FACULTY COMPENSATION: Frederick D. Williams, chairman; A. Earl Erickson, agriculture and natural resources; E. Frederick Carlisle, arts and letters; Gary K. Stone, business; Gordon L. Thomas, communication arts; William Walsh, education; Robert W. Little, engineering; Mary L. Shipley, human ecology; Robert Echt, human medicine; Dean Haynes, natural science; David H. Sanders, osteopathic medicine; Peter Asquith, residential colleges (Briggs); John H. McNamara, social science; Douglas Dunham, University College; Virginia H. Mallmann, veterinary medicine; Assistant Provost John E. Dietrich, noncollege faculty. Ex officio: Provost John E. Cantlon; Assistant Provost Herman L. King.

Achievements

DAVID D. ANDERSON, professor of American Thought and Language, has been elected president of the Society for the Study of Midwestern Literature. The society was founded earlier this year to encourage and assist the study of midwestern literature.

KATHLEEN R. BUFTON, Wayne County extension home agent, received the John Hannah Award during the Cooperative Extension Service's recent conference here. She was cited for initiating and directing a Model Cities Family Living Program in Highland Park.

THEODORE W. FORBES, professor of psychology, has won the A.R. Lauer Memorial Award for his contributions to highway safety. He received the award

from the Human Factors Society of America.

HENRY FOTH, professor of soil science, helped officials at the University of Hawaii develop that university's first auto-tutorial course in soil science. He developed a similar program at MSU with funds from the Educational Development Program.

GERRY G. HARSCH, instructor in urban planning and landscape architecture, has won a grant - in - aid award from the Society Sigma Xi. It will assist him in a study of "Development of a prototype mine site 'reuse-plan' using a preplanned conservation, resource management and landscape architectural design approach."

Best-sellers' list . . .

(Concluded from page 1)

"Caravan to Vaccares," "Linda Goodman's Sun Signs," "Notes to Myself," "Siddhartha," and "I Will Fear No Evil."

And one store reported a seasonal rush on an old favorite: "The Joy of Cooking."

* * *

NATIONALLY, THREE of the best-selling books here rank among the

top four, according to a survey of campuses taken by The Chronicle of Higher Education. Its list has "Future Shock," "Last Whole Earth Catalog," "Greening of America" and "Beyond Freedom and Dignity" as the best sellers.

Two of the books on its top 10 were not mentioned by East Lansing book stores: "Boss" by Mike Royko and "I'm Ok, You're Ok: A Practical Guide to Transactional Analysis."



Dancers here next week

The Alvin Ailey American Dance Theatre will spend next week on the campus performing and conducting workshops in modern dance. Performances, presented by the Lecture - Concert Series, will be at 8:15 p.m. Wednesday, Jan. 19 (Series "A"), and Friday, Jan. 21 ("Special") in the Auditorium. The 16-member group will offer a series of classes in modern dance beginning Monday (Jan. 17) and a special public session at 7:30 p.m. Tuesday in Fairchild Theatre. Rehearsals for the Wednesday and Friday performances will also be open, from 4 to 6 p.m. each day in the Auditorium. Information on the group's residency schedule is available at the Lecture - Concert Series office, 112 Auditorium (355-6686).

New exhibition at Kresge feature photographers' works

An exhibition of Midwestern Photographers opened Sunday at the Kresge Art Gallery.

The 177 photographs were assembled exclusively for MSU by Roger Funk, acting chairman of art, and represent the work of nine photographers from eight midwestern universities.

Funk sees the significance of the exhibit in the fact that "all the photographers are educators from midwestern universities." The exhibit has a special importance for MSU, he said, because of the recently initiated degree program that allows art students to take a major area emphasis in photography.

The photographs cover a wide range of subjects and moods. They range from the richly detailed black and white scenes of Middle America of Phil Davis from the University of Michigan, and the unmistakably midwestern rural and industrial scenes of Art Sinsabaugh, University of Illinois, to the intricate curved lines of color of Henry H. Smith,

Indiana University, and the silkscreens of Doug Stewart, Northern Illinois University.

The other photographers focus on the human figures in everything from the simple nudes to body landscapes, to super-imposed images in bizarre setting and surrealistic effects.

The exhibit reflects a variety of individual approaches to photography. Some photos express intensely personal views of the world. Others are eloquent yet understated. Still others aim at making a commentary or expressing a social statement.

The exhibit will run until Jan. 30. Gallery hours are Monday through Friday, 9 a.m. to noon and 1 to 5 p.m., Tuesday evenings from 7 to 9, and 2 to 5 p.m. on Saturdays and Sundays.

— DARIA SCHLEGA

Looking for a hotel room?

The brochure listing "special hotel rates" for faculty and staff is being updated and will be distributed before spring term. Listings for the Sheraton, Pick, Hilton and Charter House hotels and motels will be included, along with other hotels throughout the country.

Anyone knowing of hotels or motels that give special rates for faculty and staff is asked to notify the Office of the Vice President for University Relations (355-6572) so that the list can be as complete as possible.

Energy conference

A two-day conference on "Near and Long-term Energy Sources" is to be held Jan. 31 and Feb. 1 at the Argonne National Laboratory. MSU has been allocated some financial support for about 10 faculty members and/or graduate students. Programs and additional information are available from B. W. Wilkinson, chemical engineering department, 355-3444.

The new salary schedules

Here are the new salary ranges for administrative - professional, clerical - technical, health professions and labor employees, as approved by the Board of Trustees in November. The schedules represent a 5.5 percent increase over previous minimum and maximum levels.

PROPOSED ADMINISTRATIVE - PROFESSIONAL SCHEDULE OF CLASSIFIED SALARY RANGES BY GRADES

LEVEL	MINIMUM	MAXIMUM
I	\$ 8,840	\$11,230
II	9,400	11,930
III	9,830	12,920
IV	10,600	13,820
V	11,370	14,740
VI	12,140	15,790
VII	13,330	17,400
VIII	14,660	19,710
IX	15,990	22,190
X	20,130	

PROPOSED CLERICAL - TECHNICAL SCHEDULE OF CLASSIFIED SALARY RANGES BY GRADES

LEVEL	MINIMUM	MAXIMUM
I	\$ 5,025	\$ 5,823
II	5,158	6,088
III	5,224	6,221
IV	5,436	6,566
V	5,942	7,005
VI	6,101	7,630
VII	6,314	7,843
VIII	7,085	9,079
IX	7,949	9,877
X	8,508	10,568
XI	9,132	11,126
XII	9,690	11,950

PROPOSED SCHEDULE OF SALARY RANGES HEALTH PROFESSIONS

CLASSIFICATION	GRADE	MINIMUM	MAXIMUM
Medical Technician	VII	\$ 6,314	\$ 7,843
Medical Technologist	IX	7,949	9,877
Medical Technologist, Senior	X	8,508	10,568
Nurse, Licensed Practical		5,861	6,810
Nurse, Staff		7,807	9,079
Nurse, Head		9,302	10,568
Nurse, Supervisor		9,860	11,126
X-Ray Technician	VII	6,314	7,843
X-Ray Technician	VIII	7,085	9,079
X-Ray Technician, Chief	IX	7,949	9,877

PROPOSED SCHEDULE OF HOURLY RANGES FOR EMPLOYEES ON LABOR CONTRACT NOT COVERED BY UNION CONTRACT

Hourly Range			Hourly Range		
Grade	Min.	Max.	Grade (cont.)	Min.	Max.
SPECIAL	\$2.11	\$2.37	OA	\$3.96	\$4.59
A	2.45	2.60	P	4.16	4.69
B	2.48	2.69	Q	4.18	4.77
C	2.50	2.82	R	4.41	5.01
D	2.56	2.91	S	4.46	5.09
E	2.70	3.04	T	4.55	5.18
F	2.80	3.22	U	4.66	5.23
G	2.93	3.37	UA	4.77	5.44
H	3.00	3.49	V	4.88	5.68
I	3.09	3.68	VA	5.02	5.87
J	3.21	3.76	W	5.20	6.10
K	3.37	3.94	X	5.29	6.18
L	3.49	4.07	Y	5.42	6.46
M	3.57	4.18	Z	5.76	6.85
N	3.67	4.33			
O	3.96	4.52			

Series focuses on environment

Donald King, scientific adviser for U.S. international programs in environmental quality in the Bureau of Science and Technology, will be the first speaker in a new series of special seminars on environmental issues.

King will discuss the United Nations — sponsored 1972 Conference on the Human Environment which is to be held in Stockholm, Sweden in June. He will speak at 4 p.m. Wednesday (Jan. 19) in the Con Con Room.

Sponsored by the Office of International Studies and Programs in cooperation with the Center for Environmental Quality, the new seminar series will bring scholars and authorities from national and international agencies into direct contact with faculty and students. The focus will be on development planning within the environmental balance.

James A. Lee, environmental adviser for the World Bank will be here in February.

Historian issues call for workshop

An MSU professor who is organizing a workshop for a national meeting of historians wants to hear from any colleagues who wish to have course outlines or suggestions distributed at the meeting.

John J. Appel, professor of American Thought and Language, is helping plan "The Historian's Use of Illustrative Material" during the annual meeting of the Organization of American Historians April 5-8 in Washington.

The session encourages audience participation rather than formal papers. Appel said that anyone using visuals in teaching or research may want to use the workshop to distribute course descriptions, suggestions for more research or calls for cooperative efforts to use visuals in improving history teaching and writing.

Persons interested in more information on the workshop can contact Appel at his office, 271 Bessey Hall.

BULLETINS

SKY SCANNING The upcoming total eclipse on Jan. 30 is featured in this month's presentation of "Sky Scanning" at 8 p.m., Thursday, Jan 13, at Abrams Planetarium. Not until May 1975 will there be another opportunity to view a total lunar eclipse from Michigan. Admission is free.

DISSENT IN USSR Anthony and Susan Jacoby Astrachan, who spent two years in Moscow as Washington Post correspondents, will speak on "The Spectrum of Dissent in the Soviet Union" at 7:30 p.m., Wednesday, Jan. 19, in 35 Union. The lecture is given under the auspices of the Russian and East European Studies Program and the United Ministries in Higher Education.

OBSERVATORY There will be a public open night at the MSU Observatory from 8 to 10 p.m., Saturday, Jan. 15. Children under 13 should be accompanied by an adult, with at least one adult for each three children.

COMPUTING LAB The Statistical Computing Laboratory will be open for use by faculty and students from 1:15 to 4:15 p.m. Mondays, Wednesdays, Thursdays and Fridays; 1:15 to 4 p.m. Tuesdays; and 7 to 9 p.m. Mondays through Thursdays. Two electronic calculators with small programming capabilities for repetitive computations and rotary type Monroe calculators are available. A graduate student will be available for assistance. For information call 5-9589.

CONFERENCES

Jan. 16-21 Steel Service Center Institute
Jan. 16-26 Interpersonal & Intergroup Relations I
Jan. 17-18 Post-Grad. Conference & Alumni Meeting for Veterinarians
Jan. 17-21 Basic Life & Health Insurance Institute
Jan. 18-20 Michigan Turfgrass Conference
Jan. 21-23 Gideon Leadership Conference

All conferences will be held in Kellogg Center unless otherwise noted.

Students and faculty members are welcome to attend these continuing education programs. Those who are interested should make arrangements in advance with the Office of University Conferences, 5-4590.

EXHIBITIONS

Kresge Art Center

Entrance Gallery: Graduate Drawings

North Gallery: Midwest Photographers: Vernon Cheek, Purdue U.; Phil Davis, U. of Michigan; Arnold Gassan, Les Sattinger, Ohio U.; John Schulze, U. of Iowa; Art Sinsabaugh, U. of Illinois; Doug Stewart, Northern Illinois U.; Henry H. Smith, Indiana U.; Charles Swedlund, Southern Illinois U.

Main Gallery: Works from the permanent collection.

Museum

First Floor: More than 150 dolls, donated from the estate of Mrs. Madeline Baker of Jackson, represent countries and characters from all regions of the globe. Materials for the dolls range from straw and papier-mache to plaster and china.

SEMINARS

THURSDAY, JANUARY 13, 1972

Some biochemical aspects of greening. **John T. Christeller**, 4 p.m., 101 Biochemistry (Biochemistry).

Organizational assimilation. **George Graen**, 2:30 p.m., Gold Room, Union Bldg. (Management and Psychology).

FRIDAY, JANUARY 14, 1972

The biology and biochemistry of a streptococcal L-form. **Charles Panos**, Laboratories of Bacterial L-Forms and of Mycoplasmas, Albert Einstein Medical Center, Philadelphia, 4:10 p.m., 335 Giltner (Microbiology & Public Health).

Genetic control of meiosis in *Drosophila melanogaster*. **Brian K. Davis**, 11:30 a.m., 140 Natural Science (Zoology).

MONDAY, JANUARY 17, 1972

Localization of phytochrome. **Lee H. Pratt**, Dept. of General Biology, Vanderbilt U., 4:10 p.m., 101 Biochemistry (AEC Plant Research Lab).

Fecal waste recycling in a swine operation. A nutritional assessment; future plans. **D.E. Or**, 3 p.m., 103 Anthony (Animal Husbandry).

The role of shape in the electrical stimulation of cells. **Maurice Klee**, 2 p.m., 111 Erickson (Engineering).

Follicular morphology in non-human primates. **W.R. Dukelow**, 4 p.m., 216 Giltner (Physiology).

Is justice blind: an empirical investigation of a normative ideal. **Harold J. Spaeth, David B. Meltz, Gregory J. Rathjen and Michael V. Haselswerdt**, 3 p.m., 304 S. Kedzie (Political Science).

TUESDAY, JANUARY 18, 1972

How can dumbbells be so smart? (Kinetic theory and rheology of dumbbell suspensions). **R. Byron Bird**, U. of Wisconsin, 4:10 p.m., 146 Engineering (Engineering).

Electronic energy bands in metals. **C.T. Wei**, 4:10 p.m., 312 Engineering (Engineering).

The inheritance of several mutants affecting flower number in tomato. **J. Vriesenga**, 4 p.m., 206 Horticulture (Horticulture).

Computing as a school subject. **Julian R. Brandou**, 4 p.m., A304 Wells (Mathematics).

Bread enrichment in Iran. **Simin Vaghefi**, 12:30 p.m., 102 Human Ecology (Nutrition).

A new approach to clinical flame emission spectrometry. **Betty L. Shoepeke**, 4:10 p.m., 346 Giltner (Pathology).

Asymptotic Bayes sequential tests of the hypothesis that the drift of a Gaussian process is zero. **Thurman Brown**, 4:10 p.m., 405A Wells (Statistics & Probability).

WEDNESDAY, JANUARY 19, 1972

Observations on potato pathology in Northern Europe. **William J. Hooker**, 4:10 p.m., 168 Plant Biology Lab (Botany and Plant Pathology).

Antony and Cleopatra **Karl Thompson**, 3 p.m., 1966 Room, Hubbard (Humanities).

1972 United Nations Conference on the Human Environment. **Donald King**, U.S. Bureau of Science and Technology, 4 p.m., Con Con Room, International Center (International Studies and Programs & Center for Environmental Quality).

THURSDAY, JANUARY 20, 1972

The population variable: is it? **Michael F. Brewer**, Population Reference Bureau, Inc., Washington, D. C. 3:30 p.m., 16 Agriculture Hall (Agricultural Economics).

Generalized degree theory and nonlinear problems. **L. Nirenberg**, Courant Institute, 4:10 p.m., A304 Wells (Mathematics).

Sodium-dependent depolarization of embryonic chick atrial cells by acetylcholine. **Achilles J. Pappano**, 3:30 p.m., B-449 Life Science 1 (Pharmacology).

(³He,t) reactions, past, present and future. **R. Hinrichs**, 8 p.m., Cyclotron Seminar Room (Physics).

FRIDAY, JANUARY 21, 1972

Genome fractionation by DNA hybridization. **Leonard G. Robbins**, U. of Texas at Austin, 11:30 a.m., 140 Natural Science (Zoology).

Friday, January 14, 1972

- 7:30 p.m. Hockey—MSU vs. Notre Dame. Ice Arena.
7:30 p.m. Wrestling—MSU vs. Southern Illinois U. IM Sports Arena.
8 p.m. "Phedre"—Racine's classic tragedy will be performed by the Winter Repertory Festival Company. Arena Theatre.
8 p.m. "U.F.O."—Probing the possibility of life existing on other planets, this program portrays stories of mysterious flying saucer encounters. Tickets at door. Abrams Planetarium.
10 p.m. "U.F.O." (see above). Abrams.

Saturday, January 15, 1972

- 2:30 p.m. "U.F.O." (see Jan. 14). Abrams.
7:30 p.m. Hockey—MSU vs. Notre Dame. Ice Arena.
7:30 p.m. Wrestling—MSU vs. Ohio U. IM Sports Arena.
8 p.m. World Travel Series—"The Bahamas—from Top to Bottom" will be discussed by Harry Pederson, and will include film taken beneath the sea. Auditorium.
8 p.m. "U.F.O." (see Jan. 14). Abrams.
8 p.m. "Phedre" (see Jan. 14). Arena Theatre.
10 p.m. "U.F.O." (see Jan. 14). Abrams.

Sunday, January 16, 1972

- 4 p.m. "U.F.O." (see Jan. 14). Abrams.
8 p.m. Pop Entertainment—The blues-soul sound of Ike and Tina Turner with the "high energy rock" of "Detroit" with Mitch Ryder highlight the first Pop Entertainment concert of the new year. Tickets may be purchased at the Union Ticket Office. Jenison.
8 p.m. "Phedre" (see Jan. 14). Arena Theatre.
8:15 p.m. Graduate recital—Jay Light, oboist. Music Auditorium.

Tuesday, January 18, 1972

- 12 p.m. U. Club Luncheon—ASMSU representative Mark Bathurst will speak on "Student Roles in Academic Governance." University Club.

Wednesday, January 19, 1972

- 7:30 p.m. Hockey—MSU vs. Michigan. Ice Arena.

- 8:15 p.m. Lecture-Concert Series—The Alvin Ailey American Dance Theatre will present the cultural heritage of the black American. The company of 16 young dancers combines dance forms with instrumental music, song, and acting techniques. Auditorium.

Thursday, January 20, 1972

- 7:30 p.m. Fencing—MSU vs. Cornell. IM Bldg.
8 p.m. Theatre—The Black Arts Company will present three one-act plays: an adaptation of "The Spook that Sat by the Door," "The Ghost Dancers," and "The One." Tickets are available at the Union Ticket Office or the Center for Urban Affairs. Arena Theatre.
8:15 p.m. Lecture-Concert Series—Yehudi Menuhin, one of the great violinists of this century, appears in concert. He is known world-wide for his high standards of musicianship, and complete dedication to the cause of music, musicians, and the humanities. Tickets at Union Ticket Office. Auditorium.

Friday, January 21, 1972

- 10 a.m. Meeting of the Board of Trustees.
8 p.m. "U.F.O." (see Jan. 14). Abrams.
8 p.m. Black Arts Company (see Jan. 20). Arena Theatre.
8:15 p.m. Lecture-Concert Series—Alvin Ailey American Dance Theatre (see Jan. 19). Auditorium.
10 p.m. "U.F.O." (see Jan. 14). Abrams.

Saturday, January 22, 1972

- 10 a.m. Fencing—Milwaukee Tech, Lake Superior State. IM Bldg.
2:30 p.m. "U.F.O." (see Jan. 14). Abrams.
7:30 p.m. Wrestling—MSU vs. Oklahoma State. IM Sports Arena.
8 p.m. Basketball—MSU vs. Minnesota. Jenison.
8 p.m. World Travel Series—"The Spirit of Thailand" is discussed by Bob Davis. Auditorium.
8 p.m. "U.F.O." (see Jan. 14). Abrams.
8 p.m. Black Arts Company (see Jan. 20). Arena Theatre.
10 p.m. "U.F.O." (see Jan. 14). Abrams.
12 a.m. Black Arts Company (see Jan. 20). Arena Theatre.

BULLETINS

MIDTERM GRADES

Assistant deans wishing to receive midterm grades for any of their students should submit requests to the Office of the Registrar, 150 Hannah Administration Bldg., by Tuesday, Jan. 25. Each request must include an alphabetical listing of the students' names and student numbers. For information call 5-9596.

COMM. ARTS LECTURE

Joseph Stewart, communication disorders specialist with the Indian Health Service, Dept. of Health, Education, and Welfare, will speak at 7:30 p.m., Monday, Jan. 17, in 116 Natural Science. His presentation, "Communication Among the American Indians," is part of the College of Communication Arts Lecture Series.

NAVAL RESERVE

Naval Reserve Officers School 9-20(M) in Lansing has openings for all Naval Reserve Officers and Roc II candidates. Members may earn retirement points through drill attendance, two weeks active duty with pay and credit for classes. Two classes begin at the Lansing Naval Reserve Training Center Feb. 8. Anti-submarine warfare is taught each Monday, and amphibious warfare operations on Tuesday evenings. For information call Dennis Larson, 3-8919.

BORGSTROM AT ZPG

Zero Population Growth will hold a meeting at 7:30 p.m., Sunday, Jan. 16, in 31 Union. Georg Borgstrom will discuss "American Population and the World."

N'COMERS-FACULTY FOLK

Newcomer wives will entertain the Faculty Folk with "An Afternoon of Music" under the direction of Robert Harris at 1 p.m., Friday, Jan. 14, at the Union. A nursery is available.

UB FLIGHTS

Faculty and staff and immediate families are eligible for the reduced rates offered by the Union Board Flights Office. Flights to the Bahamas and London will be offered during spring break, and to London during the summer. For information call 3-9777.

TELL EL AMARNA

The Central Michigan Archaeological Society will present an illustrated public seminar at 8 p.m., Monday, Jan. 17, in 108 Kresge. Robert Anderson will moderate a discussion on "Three Views of Tell el Amarna" with Eleanor Huzar, history; Herbert Jackson, religion; and Robert Rough, art history.

Information on MSU events may be submitted, for possible inclusion in the bulletins, to Patricia Grauer, Dept. of Information Services, 109 Agriculture Hall, (517) 353-8819. Deadline for submitting information is noon Tuesday preceding the Thursday publication. The calendar of events will cover an 8-day period, Friday through Saturday.