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 recreation 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. Schulman, 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."

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 number in parentheses refer to the number of local stores in which each book is among the top 10 sellers.

(Continued on page 5)

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 ever 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 better in grade averages."

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 those 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.

"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 2)
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 feels this is partly because MSU has the "Arvis (we try harder)" mindset."

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

THE ENGINEERING ARTS The College of Engineering at Tufts University has created a curriculum that combines traditional engineering courses and liberal arts, in an attempt to create graduates. The course will result in an "undesignated" B.S. degree and will, according to Dean Ernest D. Klemm, "bring the humanist and the scientist 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)

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 (orthopaedic 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 MSU operating budget came to $92.8 million, of which some $35.5 million was for construction and educational services. Sponsored research, the experiment station and the extension service helped spend $43.2 million on 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 fiscal year, to $10.3 million.
- The value of MSU's land, buildings and equipment is $365.5 million, about $16.6 million higher than a year ago.
- It cost $11.6 million to operate and maintain that plant, including $2.7 for coal and $11.8 million for general operating services.
- MSU contributed more than $4 million to the TIAA retirement plan, and $1.7 million to the University created 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 ($72.5 million), arts and letters ($5.2 million) and social science ($4.8 million). At the low end were osteopathic medicine ($780,000).

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 7:30 a.m.

"We are planning to have guests stop in the studio 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 television reviews, consumer information, conversations about new musical releases, and any other topics of local interest.

A wide range of genres 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.

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.

* MSU pays for salaries and services for members of the Board of Trustees totaling $45,577.

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 was operating at a loss ($75,000), as did the MSU Bookstores ($26,500) and Kellogg Center ($193,800). Operating surpluses were reported by the Crossroads Cafeteria ($3,000), parking and transportation services, 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 agriculture experimental and educational scientists.

... THE REPORT cites the past year as one in which changes brought more student participation to academic programs. The attention was focused 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 pressuring trend after a long period of relative affluence. They fail to appreciate the severity of the general economic situation or, even more seriously, to provide a link between what is happening in education's edifice of respectability."

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

—GEORGE RIEFTONS

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 free and held at 7:30 p.m. in Room 116 of the Engineering Science Building.

On Mond. (Jan. 17), Joseph S. Stewart will speak on "Communication among the American Indians" in a lecture sponsored by the American Indians Program of the Center for Urban Affairs. Stewart is a communications media professional with the Indian Health Service, U.S. Department of Health, Education, and Welfare.

...
About 50 women met last week and rejected the idea of an advisory committee 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, which was interested persons can obtain copies of the proposal on sex discrimination.

Unfortunately, there is the problem of sex discrimination. That group of volunteers - representing student, faculty and members of the University community - again, all women - met Tuesday and drafted a letter to President Wharton. A meeting of the larger group - including representatives from other women's groups and individuals - was also scheduled for Wednesday (Jan. 19) at 3 p.m. in Memorial contributions may be made to the scholarship fund at the University of Colorado Petty.

Beaumont, a 19th century Michigan medical pioneer, and the other by Louis Pasteur, who was the first to use an intellectual skill on something he did not have anything about.

Thom...
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 Yuli) 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, and other practices and programs of the College of Agriculture and Natural Resources, and the Cooperative Extension Service. The request follows complaints by Soé de Arfaan, Jr., a Chicago 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
1 – President’s Office: No women administrators.
2 – Provost’s Office
A – No women at level of student Admissions Office and Counselor.
B – Pay differential between women and men who are county extension agents.
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.

STATUS
True; a question of job vacancy.
Again a question of job vacancy; investigation continues.
Awaiting investigation.
EOP is making a salary study and will contact this month those departments where discrepancies are apparent.

COMPLAINT
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.
B – Alumni office and the alumni magazine are too highly male-oriented.
C – No women officers in the public safety department, and crank remarks made to coeds who complain of assaults.

STATUS
1 – EOP telephone number should be listed under “discrimination.”
2 – CAD and ADJB should disseminate more information about their work.
3 – EOP representative should attend the meetings of the Alliance to End Sex Discrimination.
4 – An EOP representative should attend the meetings of the Alliance to End Sex Discrimination.

D – An EOP representative should attend the meetings of the Alliance to End Sex Discrimination.

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, contraception counseling, and social services.

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

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 itself.

In addition, 13 new basketballs have been set up on the floor, and 11 recently surfaced with artificial turf. Those new basketballs 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 more courts to meet the increasing demand, according to current reservation requests.

THE ONLY WAY to relieve this 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 then, 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 pay 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 getting to me.
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 pecking, 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 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.

To see, to travel and an introduction to the Toast master 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, waterproof car, mobile home, or a chinchilla (completely odorless, according to the notice).

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

Spend a year in France, buy a chat room, see hircus, 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...

—but not for profit

Note: Two University ordinances pertain to bulletin boards. Ordinance 31.00 — 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 TITCHETT

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; Margaret E. Gesteer, arts and letters; R. William Oberg, business; Gerald R. Miller, communication arts; G. Donald Menden, education; Robert D. Bar Jr., engineering; Kaye Funk, human ecology; James L. Cochrane, veterinary medicine; Gary J. Frost, human medicine; George L. Ford, natural science; Reed M. Baird, Lyman Briggs; Kaye Funk, human ecology; James L. Cochrane, communication arts; J. Geoffrey Moore, education; William A. Krenzer, osteopathic medicine; R. Judson Carlgom, residential colleges (Briggs); Gordon J. Aldredge, social science; Charles S. Scarborough, University College; Kenneth D. Keahey, veterinary medicine; G. David Foster, assistant vice president for business and finance, noncollege faculty. Also: Three undergraduates, two graduate students, two student members-at-large.

EDUCATIONAL POLICIES: Lester V. Mandelblack, agriculture and natural resources; Eleanor G. Hove, arts and letters; Charles J. Goo, business; David L. Kragnet, communication arts; Richard L. Featherstone, education; Merle C. Potter, engineering; Grace A. Miller, human ecology; David A. Rotzke, human medicine; Aaron Gelomicky, natural science; Joseph Patterson, osteopathic medicine; R. Judson Carlgom, residential colleges (Briggs); Gordon J. Aldredge, social science; Charles S. Scarborough, University College; Kenneth D. Keahey, veterinary medicine; G. David Foster, assistant vice president for business and finance, noncollege faculty. Also: Three undergraduates, two graduate students, two student members-at-large.

CURRICULUM: Gerhard Schoedler, 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 medicine; R. Judson Carlgom, residential colleges (Briggs); Gordon J. Aldredge, social science; Charles S. Scarborough, University College; Kenneth D. Keahey, veterinary medicine; G. David Foster, assistant vice president for business and finance, noncollege faculty. Also: Three undergraduates, one graduate student, two student members-at-large.

FACULTY AFFAIRS AND FACULTY COMPENSATION: Frederick D. Williams, chairman; A. Furl Eckersick, 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. Shipkey, human ecology; Robert Echt, human medicine; Dean Haynes, natural science; David L. Brito, osteopathic medicine; Peter A. Grossick, osteopathic medicine; John H. McNamara, veterinary medicine; Robert A. Brooks, human medicine; Chitra M. Smith, human medicine; Harold S. Johnson, veterinary medicine; Charles F. Scholl, instructional media center, noncollege faculty. Also: Six undergraduates; three graduates, two student members-at-large. Ex officio: Provost John E. Dietrich, two graduate students, two student members-at-large.

FACULTY ADVISORY COMMITTEE: John E. Dietrich, faculty advisor; John E. Dietrich, chairman; A. Furl Eckersick, 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. Shipkey, human ecology; Robert Echt, human medicine; Dean Haynes, natural science; David D. Sande, osteopathic medicine; Peter A. Grossick, osteopathic medicine; John H. McNamara, veterinary medicine; Robert A. Brooks, human medicine; Chitra M. Smith, human medicine; Harold S. Johnson, veterinary medicine; Charles F. Scholl, instructional media center, noncollege faculty. Also: Six undergraduates; three graduates, two student members-at-large. Ex officio: Provost John E. Dietrich, two graduate students, two student members-at-large.

Best-sellers' list...

(Concluded from page 1)

"Caravan to Vaccaraires," "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.

* * *

NATI ONALLY, 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 Duty" as the best sellers.

Two of the books on its top 10 were not mentioned by East Lansing bookstores: "Bon" by Mike Rokyto and "I'm Ok, You're Ok: A Practical Guide to Transactional Analysis."
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 Funks, 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 silk-screened 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.

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, starting for the Sheraton, Pack 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 R. W. Wilkinson, chemical engineering department, 355-3444.

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 held Jan. 31 and Feb. 1 at the Auditorium, 355-3444. Additional information are available from the Auditorium, information on the group's residency schedule is available at the Lecture - Concert Series office, 112 Auditorium (355-6686).

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**

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**PROPOSED CLERICAL - TECHNICAL**

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**PROPOSED SCHEDULE OF CLASSIFIED SALARY RANGES BY GRADES**

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**PROPOSED SCHEDULE OF CLASSIFIED SALARY RANGES BY HEALTH PROFESSIONS**

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**PROPOSED SCHEDULE OF HOURLY RANGES FOR EMPLOYEES ON LABOR CONTRACT**

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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 Cor Room.

Historian issues call for workshop

An MSU professor who is organizing a "Historian's 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.


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.

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.

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

EXHIBITIONS

Kreege Art Center
Entrance Gallery: Graduate Drawings

SEMINARS

THURSDAY, JANUARY 13, 1972
Some biochemical aspects of greening. John T. Christeller, 4 p.m., 101 Biochemistry (Biochemistry).
Organizational assimilation. George Green, 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 Passon, 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
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. Dukelew, 4 p.m., 216 Giltner (Physiology).

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. Wel, 4:10 p.m., 312 Engineering (Engineering).
The inheritance of several mutants affecting flower number in tomato. I. Vernessaga, 4 p.m., 206 Horticulture (Horticulture).

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.

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

Computing as a school subject. Julian R. Brandou, 4 p.m., A304 Wells (Mathematics).
Bread enrichment in Iran. Simin Vaghelli, 12:30 p.m., 102 Human Ecology (Nutrition).
A new approach to clinical flame emission spectrometry. Betty L. Shoepke, 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. Hooke, 4:10 p.m., 168 Plant Biology Lab (Botany and Plant Pathology).
Antony and Cleopatra Karl Thompson, 3 p.m., 1966 Room, Hubbard (Humanities).

THURSDAY, JANUARY 20, 1972
Generalized degree theory and nonlinear problems. L. Nivenbang, Courant Institute, 4:10 p.m., A304 Wells (Mathematics).
Sodium-dependent depolarization of embryonic chick atrial cells by acetylcholine. Achilles I. Pappano, 3:30 p.m., B-44 Life Science I (Pharmacology).
(4He) 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).

For general information about MSU, call 333-8700.
MICHIGAN STATE UNIVERSITY

Calendar of Events

Friday, January 14, 1972
7:30 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.

7:30 p.m. Hockey—MSU vs. Notre Dame. Ice Arena.
8 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.

Sunday, January 16, 1972
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.

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 RC 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.