Conservation urged

Energy waste is campus dollar drain

Charles L. Codding, director of the Physical Plant, is seeking total community cooperation to conserve energy on campus this winter.

Codding, who has been named by President Moore to lead conservation efforts, will issue a statement soon seeking that cooperation in a number of ways. Chief among them is a call for: "We can’t afford to use a lot of facilities for a few people," Codding said. "I am asking that activities which must occur in the evening hours or on weekends be scheduled in buildings already occupied for some other purpose. It is economically unsound to operate a building’s entire environmental system for a small group meeting.

Codding also is asking for continued cooperation with conservation programs launched in previous years. They include turning off lights in offices and classrooms when they are not in use and keeping all doors and windows closed during the heating and air conditioning season.

In addition, Codding is asking that thermostats be turned down to a reasonable temperature (68 degrees is recommended). More important, however, is turning them down at night, he said.

Portable electric heaters should not be used, Codding said, and laboratory hoods that are not in use should be turned off. He noted the hoods will use as much energy as a three-bedroom house if they are left running.

Conservation of water also is being asked. Codding recalled last winter when the city and University ran out of water and said plans are currently being made to drain water from the University pools in the event that such a situation would arise again. The pool water would be used to operate the steam boilers and create heat, he said.

Codding said the need for conservation this year is dollar oriented. He estimated there will not be enough money in the utilities budget this year to pay all bills and said, "I am absolutely certain of one thing. The utility bills will be paid at the end of every month. Needed money will be taken from some other fund."

Codding cited utility bills for the month of September as representative of the costs the University faces. Electricity for the month cost $172,000; water and sewer, $31,602; natural gas, $3,500; coal, $15,778. Codding warned, however, that September is not totally representative of a winter month, as students are only on campus about one week and heating is not in full use.

He estimated the University would burn about 2,000 tons of coal for heat this year, at a cost of more than $715,000.

Codding estimated, however, that with total cooperation of faculty, staff and students, the University’s utility costs could be cut by as much as $1 million. "All we need is people shutting off lights, closing windows and doors and turning off faucets," Codding said.

Conservation is not new to University

Bowling Green has long been a leader in energy management and has received several awards for its conservation efforts, according to Charles L. Codding, director of the Physical Plant.

In 1973 President Moore appointed a Task Force on Energy Conservation to make recommendations for cutbacks, and in July, 1974, the University became one of the first institutions in the country to install a computer to monitor and control demand and consumption of electricity. Codding said the IBM SYSTEM 7 computer has been studied by representatives from business, industry, hospitals and educational institutions across the nation.

Simply stated, the computer reads the utility company’s electric meter every 15 seconds and takes corrective action to shut something off for a 15-minute interval to hold down both demand and consumption, Codding said.

He noted the total program is cost effective in the amount of approximately $800,000 per year.

"We control energy use in approximately 50 buildings and have less than $40,000 invested in the entire installation," Codding said.

He has developed a packet of information on the effectiveness of the University’s Energy Management Program. The packet is sent out in response to the many inquiries received from institutions across the country.

The University currently has four people working on energy management: Codding, Frank Finch, energy management supervisor, Karl Ott and Jeff Jackson.

In 1976 Bowling Green won a cash award for its conservation efforts in the first annual Cost Reduction Incentive Awards Program sponsored by the National Association of College and University Business Officers and the U.S. Steel Foundation.

A year later the Federal Energy Administration recognized the University with a Special Achievement Award for its energy saving practices.

Charting results

Frank Finch, energy management supervisor, is one of four University personnel working in the Energy Management Program. Bowling Green began serious conservation efforts in 1973 and in 1974 became one of the first institutions in the country to install a computer to monitor and control demand and consumption of electricity.

Diagrams in the McFall Center Chart Room show the effectiveness of the University’s energy consciousness.

Tons of coal

What may look like a snow-covered mountain range is actually the University’s coal supply, stored off Poe Road. An estimated 10-month supply of coal is presently at the site. The University will spend approximately $715,000 on coal for heat this year, according to Charles L. Codding, director of the Physical Plant. Codding, who had been named by President Moore to lead conservation efforts, said the need for continued cooperation on campus about one week and heating is not in full use.

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Building on needs

**John White thrives on challenge**

When John White's children were old enough to learn to swim, White decided his family needed a backyard pool. So with a pick, shovel and wheelbarrow, he dug a 48 x 24-foot pool. The digging took an entire summer, but when the pool was finished, "Everybody learned to swim," White said.

White, associate professor of men's health and physical education, describes himself as a "pragmatic person."

"When there is a need, I try to find some way to fill it," he said. And he has been finding and filling those needs during most of his 13 years at Bowling Green.

In his first year on campus, White saw the need for a men's gymnastics team. That year he started the first club team with about 40 young men. Today the team, which competes in the Great Lakes Intercollegiate Gymnastics League, has 15 members and "is one of the finest groups I've ever worked with."

"We're not strong in our league, but in terms of growth, we satisfy our own goals," White said of the team. He added that the team is unique because most of the members had no prior experience in gymnastics. Their inexperience creates special needs, which White has met by designing several pieces of training equipment.

When funds for the team were limited, White personally constructed floor mats for the gymnastics and protective mats for all the apparatus. He estimates the mats today are worth about $10,000, but were constructed at a cost to the University of only $3,000.

Utilizing another of his talents, woodworking, White constructed special chairs for his van, which he uses to transport team members to competition. The chairs are "stored" as furnishings in the office at Memorial Hall.

White also has constructed display cases for the Education Memorabilia Center. He designed and built pews for the chapel at St. John's Lutheran Church, Toledo, and has done a lot of custom wood-working.

"Everything I do I design myself," White said. "If there's no challenge to it, there's no interest in it for me." His current project is building transporters for scuba equipment for the Rec Center. Among his other contributions to the campus is a self-designed archery range, with targets made of corrugated cardboard. The cardboard targets cost about the same as a commercial target but last four to five times longer, White said. "They're neat, clean and pose no fire hazard."

He also has made a Auditorium for secretaries in his department, and he invented a paper folder for their use. The auditorium is especially convenient for assembling White's book, "Getting Started in Gymnastics: The book, written in 1973, is White's from cover to cover.

White also has purchased and constructed several pieces of equipment, including a side horse for developing strength in the arms.

Special training

Because members of Bowling Green's men's gymnastics team are often inexperienced when they begin, John White saw a need for some special training devices. He designed and built several pieces of equipment, including this side horse for developing strength in the arms.

Handmade mats

When John White formed a men's gymnastics team at Bowling Green, he needed floor exercise mats. Because limited funds were available, he purchased only materials and constructed the mats, worth approximately $10,000, at a cost to the University of only $2.30. They will soon be carpeted and will be as good as any in the nation, White said.
University sets grant receipt record; federal dollars difficult to obtain

A record $3.1 million in research and development grants was received by individual faculty and staff on campus during the last fiscal year. Thomas B. Cobb, director of the research department, cited the increased activity in the coordination office for research support on campus as an indication that the "high mark" set this year looks promising, if not better. Dr. Cobb said approximately 45 percent of the $3.1 million received was submitted by the University last year received funding. "This marks a high result," he said. Proposals are prepared by faculty and administrators with assistance from research services.

Faculty

Grants

Stephen Gregory, physics, $1,000 from the Research Corporation to complete 'The Shift in Surfaces' which will provide data concerning theories of formulation of galaxies and clusters of galaxies.

Kathleen Howard Merriam, political science, has received a $2,500 Ford Foundation, Inc. depository with the University Foundation and disbursed as a restricted gift to the library to obtain materials and audiolab aids on the Middle East.

Recognitions

Jane Forbgh, geology, is one of 25 science educators selected nationally to participate in a short course on 'The New Geology--Impact of Plate Tectonics on Geology and Society' by one of several short courses sponsored annually by the National Science Foundation to bring teaching science to the forefront of some of the latest developments in their respective fields. The course was held at Santa Ana College, California.

Clifford J. Gallant, romance languages, represented the campus at the National Council for Foreign Language Policy Nov. 17 at William Paterson College, New Jersey.

Illustrations of three "broken egg" porcelains were by Charles Lukashoff, the art section is featured in November issue of "Ceramics Monthly" magazine.

Florence C. Lehman, placement services, was among 14 persons tagged Dec. 1 for membership in the Delta Kappa national leadership honor society.

Robert B. Speer, Sprints, has submitted a proposal which includes in "Insite," a library containing more than 400 microcomputer programs.

Bernard Wagoner, physical education, is one of 80 educators selected to participate in the Administrative Development Fellowship Program for Department Chairpersons.

Dr. Wagoner, the only educator from Bowling Green selected for the program, will work on a departmental reorganization for two years.

The fellowship program, sponsored by the Ohio Board of Regents and the Federal Fund for the Improvement of Post-secondary Education, is established to provide opportunities for Educational Development. Participants meet once each month in Cleveland.

Publications


The book focuses on establishing and maintaining learning resource centers in four-year colleges and universities.

Michael T. Hendon and John G. Nachbar, popular culture, have written new introductions for library editions of the classic Western, "Hondo," by Louis L'Amour, and "The Untamed," by Max Brand.

The books were recently published as volumes in the Gregg Press Western Fiction Series.


Poems by Joe Rudeinger and Larry Smith, Firelands, have been included in "23 Ohio Poets," a joint publication of the "Ceramics Review" and the Ohio Arts Council.

Richard L. Weaver, III, speech-communication, with co-author Dr. Sandra Hyble of Lock Haven State College, has completed the second edition of Speech Communication," published by Holt, Rinehart & Winston of New York.

The book discusses interpersonal, small-group and public communication and is intended for use in basic communication courses at colleges and universities.

Richard Wright,gradient forArchival Collections, "Traveling Days in Detroit," included in the fall issue of "The Herald," publication of Greenfield Village and the Henry Ford Museum. The article was the background of a daytrip-building in Detroit near the turn of the century.

Presentations

Elvira Artis, student development, presented a paper at "What We Know About Counseling Developmental Students" at the sixth annual Ohio Educational Development Conference held Oct. 27 in Cleveland.

Bernetta Canton, home economics, presented excerpts from her master's thesis, "Perceived Risk as Related to Self-Esteem of Males and Females," at the 58th Annual Meeting of the Association for College Professors in Textiles and Clothing held on campus, Dr. Cobb said.

In addition to grants development, the research services office coordinates activities of the University's Faculty Research Committee. This group makes monetary awards to faculty on both an annual and short-term basis for support of research projects.

Research services also administers the Fulbright Scholarship program, research dealing with biochemical and human subjects, radiation hazards and numerous other areas of supportive of the research and program development activities on campus, Dr. Cobb said.

FRC to begin 'peer review' of 70 research proposals

The Faculty Research Committee will begin review of 70 research proposals from University faculty this month.

According to Dr. Thomas B. Cobb, the director of research services and a member of the committee, meetings will be held regularly during both December and January to evaluate and discuss the proposals. Awards will be announced in March.

Nov. 27 was the deadline for receipt of proposals for the annual awards, totaling approximately $100,000. Last year six full-time research associateships, 41 part-time associations and 29 research grants were awarded from 103 proposals reviewed by the committee. Funds for this year's awards become available July 1. 1979. The funds are allocated from the University budget.

Members of the current FRC include Z. Michael Nagy, psychology, chair; John E. LaTourette, dean of the College of Education; Raymond Nevavath, biological sciences; Alma Payne, foreign language, and Ronald L. Partin, educational foundations and inquiry.

Dr. Cobb said the committee member meet three times a year and assign a rating to each proposal before meeting with the provost's office for final action. He described the process as "peer review." In addition to allocating funds for the annual awards, the FRC meets monthly to award small- and medium-sized grants for such things as research, some research-related travel and public opinion support.

The Faculty Research Committee also serves as the screening agent for research-related requests for Faculty Improvement Leaves, coordinated by the provost's office.
University Foundation: Private funds enriching varied programs

New University telephone directories will be issued soon to faculty and staff, according to Charles L. Codding, director of the Physical Plant. The new directories, in book rather than tabloid form, will include listings for University telephones, departmental numbers and faculty and staff. It will not include students.

Codding said about 4,000 copies of the new directory, which will be the same as the one issued last January, are currently being printed. Tabloid directories, similar to those distributed at the beginning of fall quarter, will continue to be issued on a quarterly basis, Codding said. The 14,000 copies of that directory will be given primarily to students and will include only University telephone listings and students' telephone numbers. It also will include students' on-campus mailbox numbers and off-campus telephone numbers when provided.

Commenting on the controversial paper directories issued fall quarter Codding said, "People have forgotten that last year there were no phone books until January, and when they did come out, they were full of errors because so many students had moved. The quarterly directories allow us to publish a more accurate, up-to-date listing.

Codding stressed the new system of printing is not less expensive. "It simply is a better use of dollars," he said.

Codding also said that numbers not listed in the new directories will be obtained from the campus operator.

News Review

University receives Kodak grants

The University has received $1,800 in grants from Eastman Kodak Company for scholarships. Three $600 grants have been given to Bowling Green as part of Kodak's Educational Aid Program, which presents awards to institutions on behalf of Kodak employees who utilize their academic training on the job. The employee-alumni grants, presented during the graduates' fifth year of employment with the company, have been given to Bowling Green on behalf of 1968 chemistry graduate Tanara Edwards, 1973 mathematics graduate Sue A. Sampson and 1973 journalism graduate Lynda J. Thomas.

The mathematics and statistics department, the School of Journalism and the chemistry department each will receive a $600 grant to be used for undergraduate scholarships.

When/Where

Family Ice Skating Party for University alumni from Wood and Lucas counties, 7-10 p.m., Tuesday, Dec. 15, Ice Arena. Reservations to Carolyn Oliver, 460 Lebanon, No. 106, Bowling Green, by Dec. 12. Pay at the door.

Music

Creative Arts Recital, 5 p.m., Tuesday, Dec. 5, Recital Hall, College of Music. Arts. Free.

"Sweet Charity," University Cabaret Theater, 9 p.m., Dec. 9-10, Holiday Inn, Bowling Green.

"Sweet Charity," University Cabaret Theater, 9 p.m., Dec. 15-16, Holiday Inn, Bowling Green.

Join the run

Faculty and staff are among the participants in the pre-dawn physical fitness program offered under the tutelage of Richard Bowers, human performance laboratory, Participants report to the Anderson Arena at 6:45 a.m. and exercise until 7:30 a.m. The program is open to the public and will be offered again next quarter to persons who receive their physician's approval and submit to treadmill stress tests offered in the human performance lab. There is a course fee of $25.

Update

Last November, the University was told it must comply with the Environmental Protection Agency's air quality standards. The University previously had planned to install new control devices on boilers at the heating plant, but those collectors were condemned by the federal EPA after new standards were set by the new Clean Air Act.

"We never put the collectors on because they would not meet federal approval," said Setlon Carey, director of Environmental Services at Bowling Green.

"Instead, we changed directions and started a process to get an electro-static precipitator installed," he said.

The electro-static precipitator is an electrically charged chamber that collects particles of soot and ash from gases emitted from the smokestack. It will be installed on the south side of the campus at the power plant.

"We are now in compliance with the EPA because we have agreed to a time schedule to install the precipitator," Carey said. "We expect to have the parts delivered in February and we will begin installation in March.

Funds allocated by the Ohio Board of Regents to bring the University into compliance with EPA regulations total $1,550,000, according to Charles L. Codding, director of the Physical Plant. Those dollars will cover the $700,000 purchase price of the precipitator, some needed boiler repairs and engineering fees.

"It is the frosting on the cake," said Carl Peschel, controller of the University Foundation, says of the Foundation, established by the University Board of Trustees in 1957.

The Foundation is specifically designated to receive gifts of money, property, resources or facilities for the University from the private sector. Peschel said.

In the fiscal year ending last June 30, the Foundation recorded 18,359 gifts from donors, most of them alumni. The contributions totaled $2,144,433. Those dollars were channeled into various academic departments and colleges, administrative offices and scholarships at the direction of the donors.

"The University would exist without the Foundation," said James E. Hof, vice president for public services. "It is private funds, however, which provide the University with that higher mark of excellence."

Peschel said gifts to the Foundation are of two types: unrestricted and unrestricted. Restricted dollars are given by the donor for a designated purpose, such as Alumni Association programs, scholarships, research and development, athletics or academic departmental advancement. The Foundation simply receives these gifts and disburses them at the direction of individual account administrators, Peschel said.

Unrestricted funds, however, are designated by the donor as such and are allocated either by the Alumni Association Board, the Foundation Board or the President's Club Executive Committee. Peschel said these unrestricted dollars generally are used for scholarships or other individualized or specialized needs not fundable in other ways. Unrestricted designations may be used to send faculty members to enrichment conferences or to cover the cost of purchasing specialized equipment or software in a department.

Anyone may request these funds, Peschel said. Grants usually range in amount from $100 to $1,000. Peschel said, however, the unrestricted giving over the past three years is down 23 percent, which is a cause for concern. He noted that many requests for dollars must be denied simply because funds are not available.

The Foundation presently consists of 190 accounts and 158 separate funds. New funds also are established on a fairly regular basis, Peschel said. All gifts are tax deductible.

Peschel said the Foundation as an entity does not normally solicit funds other than those of a capital nature. It does, however, along with the Office of Alumni and Development, coordinate soliciting from various departments or offices to prevent one corporation or individual from being contacted too frequently or for programs outside their interests.

Although monetary gifts are vital to the University, Peschel said gifts in kind also are appreciated. He described these gifts as currently immaterial, convertible to cash, such as equipment, works of art or historical documents. A particular need exists right now for organs in the newly constructed Musical Arts Building, he said.

"The Foundation does not accept all gifts. Those which are discriminatory on the basis of race, religion, and sex or those which would be too costly to house or maintain are refused by the Foundation Board. The Board has 20 members, including President Monroe, representative of the community, alumni, and student body. Both Peschel and Hof stressed the important role of the faculty and staff in supporting the Foundation. Their gifts, and referrals to people or corporations which might give, are vital to the University's continued growth.

Faculty, staff to receive new telephone directories

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