Unique center established at University

A Center for Photochemical Sciences, the only one of its kind in the country, has been established at the University. According to Douglas Neckers, executive director of the new center and chair of the chemistry department, the center is designed to attract postdoctoral students and other professionals in the principles of photochemistry, photopolymer science, photophysics and spectroscopy.

"It will strengthen our ties with industry," said Dr. Neckers. "It will assist us in anchoring the best faculty and the best students to this University. It will call attention to the strengths of our department and it will give us visibility in the academic and business communities."

Dr. Neckers added that the new center is also expected to increase the size and quality of the chemistry department. "Within the next three years, I would expect the number of post-doctoral and graduate students to increase substantially.

"We are due to the close interaction between undergraduate and graduate students, the center will enhance our undergraduates' skills and better prepare them for graduate study. Not to be missed, of course, is the outstanding opportunity the center provides for job placement for our students."

Institutions serve on the center's eight-member scientific advisory board. They include Samir Farid, research director for the Eastman Kodak Co.; William D. Hinsberg, IBM research laboratories; Richard Wright, vice president of research for Med Imaging; Harold McMaster, chairman of GlassTech, Inc. of Perryburg; David Eaton, E.I. DuPont de Nemours; Clarence McMaster, 3M Corp., and M.G. Baldwin, vice president of research and development for Shipley Co. of Newton, Mass.

Photochemistry, the use of light to cause chemical reactions, is a billion-dollar industry with applications in almost all areas of business. For example, photochemistry is used in phototypesetting and in the printing industry. Everything that deals with some type of imaging, from photography to packaging, uses photochemistry in one form or another.

It can also be found in a variety of other industries, from painting cars to laminating desk tops. However, photochemistry's most dramatic uses and its brightest future lies in high technology industries such as medicine and electronics.

In medicine, research is now being done with drugs which are nontoxic to the human body unless they are exposed to a certain type of light. By localizing this light source to only the cancer areas of the body, scientists are hoping to kill the cancer without dangerous side effects.

In electronics, photochemistry is one of the basic sciences used in the production of computer chips.

"Photochemists are doing things which weren't even thought of 10 years ago," said Dr. Neckers, adding that he expects the same to be true a decade from today. He said he expects the Center for Photochemical Sciences to play an important role in those advancements.

Scientists and other researchers are currently involved in photochemical research, with each having a different expertise in the area. "We are doing very basic research, the type of research which will serve as the building blocks for future products and inventions," said Dr. Neckers.

Currently, only chemistry personnel are involved with the center, but Dr. Neckers said he anticipates faculty from all of the science areas at the University to become involved in the center's activities.

Projects sought for program

The Ohio Board of Regents has announced the research support component of its Selective Excellence programs, known as the Research Challenge Program.

The program provides state funds to each public university proportionate to its external research expenditures during the 1983-85 biennium. Bowling Green's allocation is estimated to total between $400,000 and $500,000. In order to receive its funds, each university must devise an overall plan for using its allotment. The plan must include information about specific projects to be supported, as well as how these projects will gain additional external research support and aid the long-term revitalization of Ohio's economy.

All research areas are eligible for the funding as long as the research is of high quality and can demonstrably achieve the regents' objectives. A set of projects to receive state support will be decided by a competitive process that incorporates project ideas and activities developed by individual faculty and small teams of investigators within the framework of priorities and criteria designated by the regents and the University.

Within those broad goals, a variety of research processes and activities can be supported, including:

• Pilot studies to provide findings that will be competitive for external grant applications.
• New investigator support.
• Unfunded but unfunded external proposals which have written external reviews and high probability of being funded or are not funded due to lack of funds at the external agency.
• Research skills development to develop new or improve technical or methodological skills related to research.
• Research redirection to provide support for shifting a research focus as implied by current findings, major new development or paradigm shifts.
• Research techniques or instrumentation support to provide new or enhance existing research procedures, protocols or instrumentation.
• Central shared research resources to provide for instruments, equipment or specialized research services, such as animal care or computer technology, that are shared by a number of investigators and cannot be justified by a single project.

The regents also consider two other activities to be acceptable but at a lower priority: research program continuity to provide interim support during temporary lapses in external project support; and unforeseen emergencies — to provide replacement of damaged equipment or for safety enhancements.

A proposal must:

• Include a written plan to become involved in the center's activities.

Howard M. (Moe) Ankney
Ankney hired as coach

Howard M. (Moe) Ankney was named the head football coach of Bowling Green. He was a member of the 1981-82 field hockey team that won the Mid-American Conference championships. Ankney has also coached at Tulane University and the University of Miami. He was the head football coach at Miami in 1986.
In Brief

Purchase orders change
Several changes have been made in the handling of purchasing orders. In the past, departments had to issue purchase orders for material valued at $50 or more. That figure now has been raised to $200. New order forms can be obtained by calling the Purchasing Department at 372-8411.

Metered parking enforced
The division of parking and traffic in the department of public safety will enforce metered parking during the remainder of Christmas break in Lots 11, 13, 14 and 17 and in the lots west of McFall Center and east of the University Union.

Memorial march planned
In recognition of the birthday of Martin Luther King Jr., the board of Black Culture Activities will sponsor a memorial march from the Student Services Building to Prout Chapel. The march will occur on Wednesday, Jan. 15, beginning at 6 p.m. A eulogy service will be held at the chapel following the march.

For Sale
The Department of Psychology has for sale to University of Michigan departments a used IBM Memory 100 typewriter. Contact the department for more information (372-8377).

Datebook

Wednesday, Jan. 8
Women's Basketball, Bowling Green vs. Central Michigan Univ., at Mt. Pleasant, Mich., 5:45 p.m.
Men's Basketball, Bowling Green vs. Central Michigan Univ., at Mt. Pleasant, Mich., 9:00 p.m.

Friday, Jan. 10
Hockey, Bowling Green vs. Univ. of Michigan, home, 7:30 p.m.

Faculty/Staff Positions
The following faculty positions are available:
Education: Assistant professor. Contact Robert Reed (2-7350). Deadline: March 15.
Education: Administration and Supervision. Assistant professor (two positions) and associate professor. Contact Richard Carlson (2-7377). Deadline: Feb. 1.
Home Economics: Assistant professor, institutional food service administration. Contact Joan Stoffel (2-7425). Deadline: Jan. 15.
Home Economics: Assistant professor of textiles, clothing and interior design. Contact Deanna Radeloff (2-7823). Deadline: Jan. 15.

The following administrative staff positions are available:

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Deadline: Jan. 6.

Hahn

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Faculty book department.
Memorial by purchase orders for necessary for equipment Central Michigan Univ., at Mt. Pleasant, Central Mich., Wednesday, Jan. 15, beginning at 6 p.m. A

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The following administrative staff positions are available:

Electoral issue still being discussed
The election issue committee of the Classified Staff Council will be discussing different methods of electing members to the council.

Council members supported, during discussion of the election issue at its Dec. 17 meeting, that different manners in which members are elected be examined. According to Chris Espera, vice chair of council, alternatives include: electing one third of the 21-member council in each of three successive years; electing the entire council to a three-year term at once; or electing the entire council to a one-year term and then set up the alternating terms.

Espera said the election committee will meet to discuss the alternatives before offering a report to the full council at its next meeting on Jan. 21. She said the committee hopes to have the election process in place by May 1986. It was suggested that elections be held to allow elected members to take office with the start of the fiscal year July 1.

In other matters, the council approved a draft of a survey that will be sent to all classified employees. The survey asks for opinions about summer hours, child care,

helped make the second showing possible. The program's initial appearance from mid-October through mid-December was seen by standing-room crowds. Increased interest in the comet created a demand for a repeat performance.

"Halley: A Comet's Tale," which explores the nature of the comet and its role in history from the perspective of the comet itself, will be presented Jan. 10 through 26.

The 35-minute program, produced jointly by the staffs of Bowling Green's planetarium and the Ward Beecher Planetarium at Youngstown State University, not only traces the comet's history but how it has been perceived by various peoples.

A live sky almanac section of the presentation explains how to look for Halley's Comet in the northwest sky binoculars and ideal observation conditions.

Additional funding by the College of Arts and Sciences and other sources helped make the second showing possible. The program's initial appearance from mid-October through mid-December was seen by standing-room crowds. Increased interest in the comet created a demand for a repeat performance.

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Additional funding by the College of Arts and Sciences and other sources

Classified Staff Council


Education: Assistant professor. Contact Robert Reed (2-7350). Deadline: March 15.


The following administrative staff positions are available:

Classified Employment Opportunities

The following classified positions are available:

* Indicates that an internal candidate from the department is bidding and being considered for the position.

NEW VACANCIES

Poster Exhibition Dates for Employees to Apply: 5 p.m. Monday, Jan. 13, 1988

1-13-1 Account Clerk 1 Pay Range 4 School of Art
1-13-2 * Clerk 2 Pay Range 3 University Union Permanent, part-time
1-13-3 Clerk 2 Pay Range 3 Continuing Education (registration) Temporary, part-time (Through June 30, 1986)
1-13-4 * Clerk 2 Pay Range 3 Continuing Education (budgets and operations) Temporary, part-time (Through June 30, 1986)
1-13-5 Computer Operator 1 Pay Range 27 Computer Services
1-13-6 Food Service Worker thru Pay Range 1
1-13-8 Food Operations Assistant thru Pay Range 3 (Three positions)
1-13-9 * Programmer Analyst 1 Pay Range 28 Computer Services