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Bowling Green State University

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The University Library: helping launch academic reform

Toward this end, Dr. Burlingame wants to increase central bibliographic control, that is, to have all sources listed in the card catalog, now located on the library's main floor. The University can no longer afford duplication of books or other sources on campus. A holding in the Center for Archival Collections, for example, or in a department library or other collection, can be used by more people if it is listed in the card catalog.

And it is not only students who need better library services, the dean says. Faculty members, as well as un­

Dr. Burlingame was referring to a trend documented by declining Scholastic Aptitude Test scores throughout the nation during the past decade, and a projected drop in the number of students entering college.

The decline in academic achievement, as measured by standardized tests, did not start in libraries.

But Bowling Green's first dean of libraries intends to help reverse the trend. "What is higher education all about?" asks Dwight F. Burlingame, who came to campus in July. "There's been an attitude among students that says, 'Just let me do what I need to do to get out of here.'"

Now, with the prospect of declining enrollment, we re-examining the role of the university, and there's a re-emphasis on the liberal arts.

"I'm convinced students want to learn, and we have to learn where—and only when— they need it. "

"Students have to be required to use library instruction in their academic courses," he says. "I'm quite emphatic about that. It must be part of a systematic instructional plan."

"To help students, Dr. Burlingame wants to make library materials, whether books, periodicals, audio or video tapes, records or film more accessible."

"I'm not concerned about the pernicious ideas that a student can't find material he needs after a few tries, he's likely to give up. I'll close the paragraph here."

The energetic young dean says the action of the Board of Trustees in creating the library dean's post is evidence of administrative support and a desire to promote the quality of student life by placing the library in the limelight of the academic community. Dr. Burlingame was named dean of librarians in August.

The move gives recognition to the library's 35-member non-teaching faculty. The library has a total staff of 87.

"Perhaps some people do not think it's important that the faculty members be involved in the library, but I think it's important—whether the library is a 35-member faculty or a 200-member faculty."

The provost announced a policy under which contracts for all new, regular full-time faculty appointments in continuing positions at the professional ranks will be probationary appointments only, as of fall 1979.

"The change will benefit the University," Dr. Ferrari says. "It will attract more faculty from a broader base. Perhaps some people do not even consider Bowling Green because of the previous policy. A person with a probationary appointment will have a higher degree of professional commitment to the institution, more enthusiasm, a more positive attitude in his teaching and research, a greater degree of interest in long-range projects such as academic advising."

Too much flexibility and specialization have robbed a university education of meaning, according to the new provost.

He favors curriculum reform at Bowling Green will restore the significance of higher education and will help attract students to the University. Michael R. Ferrari, who was appointed provost last spring, has called a new general education program "an urgent and fundamental issue on the agenda of the Academic Council for this fall."

"I have emphasized as far as I can the direction of flexibility, the faculty's generalized approach to selecting courses, that we have gone too far," he says. "It leads to the position where one asks, 'If you've been doing nothing at Bowling Green, what does it mean?' And there's been an overem­phasis on specialization."

The provost supports the idea of a core curriculum in the revised proposal of the University Division of General Studies and Academic Council. Similar plans have also been undertaken by other institutions, including Harvard University and Amherst College.

The concept emphasizes knowledge and skills in a broad range of academic areas, including, for example, the arts, the classics, philosophy, literature, foreign languages, mathematics and the sciences.

The practice of students choosing courses without restriction on the one hand, and of beginning in the freshman year to prepare for career training, on the other, has blurred the definition of a college education, Dr. Ferrari believes.

"The comprehensive core is in the best hope of producing educated people," Dr. Ferrari says, "and at the same time, assuring students their career goals will be met. A balance is necessary."

The provost says he does not support the idea of competency based learning, that is, requiring students to demonstrate their abilities through examinations, or other means, for all general studies courses in an institution the one of Bowling Green. But he said in a address to the faculty, "Council needs to ar­ticulate the intellectual base upon which careers are launched, and to which students return when course changes are made... While there can and will be arguments over what ought to be in­cluded and excluded from any definition of a core of a liberal arts education, the
Pollution in the Los Angeles Valley usually does not attract tourists. But several foreign visitors recently were escorted through the smog by their American hosts. One of the hosts was Reginald D. Noble, associate professor of biology at Bowling Green.

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But the biologist says his role is to provide the expert information with which policy makers arrive at judgments, rather than to make such judgments himself.

The Soviet-American exchange began with a 1972 agreement between the governments of the two countries, promoting such visits. Meanwhile, in 1975, scientists at the Forest Service Laboratory at Delaware learned about Dr. Noble's work at Bowling Green. Two years ago, a cooperative agreement was formulated, sponsoring Dr. Noble's research. Recently, Dr. Noble was invited to come to the laboratory at Delaware to work as a visiting scientist. He has been granted a one-year faculty improvement leave by the University in connection with this work.

Dr. Noble's close associate at Delaware has been Leon Dochinger. When Dr. Dochinger began arrangements for an exchange with the Soviet biologists, he invited Dr. Noble to take part. The atmosphere of the visit was cordial and even light-hearted.

There was no tension or reticence," Dr. Noble says. "They were a very personable group. We had a delightful time, working during the day and sitting around talking about our scientific interests until late at night.

The American scientists found the Soviets extremely well informed, not only about scientific investigations being conducted in this country, but also about American geography, history and lifestyle. By comparison, the American group knew little about the U.S.S.R.

THERE were indications the Soviets shared in the good life in Russia. One visitor described his summer home on the Baltic Sea, where he spends weekends and vacations with his family. And the photographic equipment the scientists brought with them was for leisure.

The Soviet biologists found Disneyland only slightly less interesting than laboratories and field trips. They spent an entire day in the amusement park, on the rides, visiting shops and eating so-called junk foods.

"It was the only entertainment they requested prior to coming here," Dr. Noble says. The conversation in the group never touched upon political matters, according to Dr. Noble. "They probably have no more control over human rights in the Soviet Union than we do," he says.

The positive outcome of the exchange may lead to an international protocol in 1980. Although travel would be easier should the site be the United States, the meeting will most likely be held in the Soviet Union, where many more Russian scientists could participate.

Comparing effects

Dr. Noble points out parts of the laboratory apparatus he constructed in Delaware to measure the effects of air pollution on photosynthesis in plants. He is standing at the rear of the apparatus. Below, with the visiting scientists, he is viewing the front of the apparatus.

Soviet scientists observe

Dr. Noble, left, explains the laboratory apparatus in the Delaware laboratory to visiting Soviet scientists. From left, they are Y. Martyn, director of the Tallinn Botanical Garden of the Academy of Sciences of the Estonian Soviet Socialist Republic, V. Akhrems, deputy director of the Leningrad Botanical Garden of the Academy of Sciences of the Estonian Soviet Socialist Republic, A. Salier (back to camera), senior scientist of the Moscow Institute of General and Inorganic Chemistry, and N. Plieap, deputy minister of forestry of the Russian Federation.
Faculty

Numerous grants were awarded to Bowling Green faculty members during the summer--too many to include. Those not included will be reported in later issues. All faculty members are invited to submit news of their professional and scholarly activities for inclusion in Monitor.

GRANTS

William D. Baxter, biology, $300 from the Macmillan Publishing Co. to conduct research on estrogen-induced laboratory exercises, which are to be part of the review copy of Dr. Baxter's text, Experimental Cell Biology.

Doris Beck, biology, $5,571 from the American Cancer Society, to study the antioxidant properties of the benthic and other organisms from the Port Louisa marine systems. The results may prove useful in the development of new treatments for myasthenia gravis, a muscular disorder affecting about 100,000 people in the U.S.

James Bierland, journalism, $2,000 from the Ford Foundation to conduct research on the effects of television on young people. The study will be presented at the Bowling Green Research Conference in May.

Robert Blackwell, special education, $25,000 from the Office of Education of the Department of Health, Education and Welfare to continue the Handicapped Teacher Education Program.

Arthur S. Brecher, chemistry, $3,000 from the Medical College of Ohio to determine specific reaction sites and mechanisms for anti-tumor drugs.

Geoffrey Dafforn, chemistry, $13,000 from the Petroleum Power Station Fund to develop a potent reversible and irreversible inhibitor for acetylcholinesterase, an enzyme believed to be in the treatment of such diseases as myasthenia gravis, a muscular disorder affecting about 100,000 people in the U.S.

David G. Eisen and M. Don Carriker, education, $11,000 from the Ohio State Department of Education to inform Bowling Green faculty and staff with information on federal and state laws directing education of handicapped persons.

Janet S. Hyde, psychology, $9,000 from the Ford Foundation to study the effects of Health of the Department of Health, Education and Welfare to study the aggressive behavior in wild, free-ranging male monkeys--to investigate the genetic, environmental and endocrine factors of aggressive behavior. Papers reporting the progress of this research will be presented at the Behavior Genetics Association and American Psychological Association meetings.

Melvin Hyman, speech, $20,000 from the Office of Education of the Department of Health, Education and Welfare for the supervisors of students in an audiology practicum, and for equipment.

William B. Jackson, Environmental Studies Center, $50,183 from the Ohio Department of Health for continued study of anticoagulant rodenticide resistance. The principal objective of the study is to construct a federal, funded urban rat rodent research model with study sites in the city and in suburban areas to investigate the genetic, environmental and endocrine factors of anticoagulant resistance in their target area populations.

Dr. Jackson, also has received $27,000 from Toledo Edison Co. to monitor the terrestrial plant and animal communities around the new Davis-Besse Nuclear Power Station near Fort Clinton. Earlier studies have shown that the most susceptible species, such as the new Davis-Besse Nuclear Power Station on the surrounding plant and animal communities may be assessed.

The Ohio State University Research Foundation has granted $11,250 to Dr. Jackson to identify and enumerate beneficial bacteria in the Lake Erie nearshore sediment and fish stomach samples.

Dr. Jackson also has received $3,500 from the City of Bowling Green to treat mosquito breeding sites and conduct the routine mosquito surveillance program required by the Ohio Department of Health and has received $840 from the Ohio Department of Health to reimburse travel expenses in connection with consultations with the Chicago rat program.

Douglas C. Necker, chemistry, $2,500 from the Petroleum Research Foundation, for continued study of polymer-related chemical reaction and their practical applications, which include the use of polymer-encased dyes to enhance the efficiency of solar collection; and $42,000 from the National Science Foundation for a study of the synthesis of polymers stable to ultraviolet radiation.

Joseph S. Nemeth, Reading Center, curriculum and instruction, $4,440, from the Ohio State University, to sponsor a graduate assistant who will offer reading instruction on the OSU/Lima campus.

Dean A. Neumann, mathematics, $8,848 from the National Science Foundation to found a new program to support graduate students who are academically classified as high risk to earn degrees.

James Pinchak, business education, $3,750 from the Ohio Department of Education for a technical workshop for Occupational Work Adjustment teacher coordinators and staff presented at Bowling Green.

Rowley and Robert Lutz, graduate assistantships in the Department of Agricultural and Applied Economics, $1,200 from the Johnson Products Co., to study redfish which developed in an ancient sea that covered about 400 million years ago.

Weib Shih, applied statistics and operations research, $20,420 from the Ohio State University, to continue a predoctoral scholarship supported by the OSU Office of Education to improve non-commercial educational television broadcast facilities.

Lester J. Walters, Jr., geology, $2,478 from the Ohio State University Research Foundation, for chemical analyses of sediment and water samples of the Lake Erie nearshore.

Lester J. Walters, Jr. and Joseph J. Manesch, geology, $12,470 from the Ohio State University Research Foundation, for a study of heavy metal pollution in Lake Erie.

Ronny Woodroof, biology, $61,650 from the National Science Foundation, to increase the service of the Bowling Green River basin study and to improve the quality of the service.

In addition, a more detailed mutant index of the flies will be compiled making it easier for researchers to identify the mutants they need.

Dr. Moore said he favors a move to collective bargaining for faculty. He said, "To substitute collective bargaining for our present mode of government and style of decision-making is a change no one should take lightly. It is not one I would personally like to see. But I will give my best to guarantee that it will work and that this is not the beginning of the end of the campus." He (the provost) and I agree that a collective bargaining program should be designed to develop a system of voluntary consultation in places where the university has an interest in the outcome of the matter.

Dr. Moore said that in his talk before the faculty last week, University President Hollis A. James said the Board of Trustees will participate in a study of the impact of the university on the surrounding community. In the post-sputnik era, we were the darlings of legislative financing. But Dr. Roller, who is an associate professor of history, said projected enrollment declines and restrictive budgets have made the assumptions of the early 1960s invalid for the 1970s and 1980s.

"Annual increments given our residential colleges and universities have failed to keep pace with the university's inflation rate, and faculty salaries still lag behind in the financial year," Dr. Roller said.

The new senate chair said he will not ask the senate to act on any pending collective bargaining. But he said he will ask the body if it wishes to reconvene the senate on the comparative bargaining. In our discussions for the academic year, Dr. Roller said he will:

urge the senate to take the lead in setting institutional priorities, to cooperate with the provost to insure a faculty voice in planning, and to critique proposals for long-range planning;
request the creation of a University Advisory Committee on Budgets, Construction and Space Utilization;
appoint a sub-committee of the Senate Executive Committee to study intercollegiate athletics;
increase faculty time to administration, to clarify the positions of part-time and temporary faculty and of those faculty with joint or dual appointments;
and establish a series of mini-forums on institutional priorities to prevent premature action on higher education, general studies, support for University programs from the state budget, bargaining, legislative direction, and on the role of the University libraries.

Those that favor an academic and financial planning based on market factors other than market demands are included in an article on page 1.
**News in Review**

**Fine Arts Gallery**

The School of Art will feature a series of exhibitions in the Fine Arts Gallery this year, ranging from watercolors, to prints, photography and design. The schedule is as follows:

- Sept. 24-Oct. 18: Northwestern Ohio Watercolor Society, and photographs by Mary Ellen Mark
- Nov. 22-Dec. 10: Bowling Green State University School of Art Faculty Exhibition.

**Concert schedule**

A series of four Sunday afternoon performances featuring Bowling Green's faculty and student ensembles will be presented as part of the 1978-79 "Music in the Main" season.

The University Symphony Orchestra, conducted by Emil Haab, will open the Oct. 29 in the Main Auditorium of University Hall. The College Chorale, under the direction of Ivon Trusler, will present the annual Christmas concert Dec. 3. On March 11, the Symphonic Band Wind Ensembles will perform, and on April 29, a concert will be given by choral and orchestral students in the College of Musical Arts.

All performances are at 3 p.m. in the Main Auditorium of University Hall. Tickets are available in advance from the Office of Events and Promotion of the College of Musical Arts, or at the door the day of the performance. Season tickets are also available.

**New names**

The name of the Career Planning and Placement Services has been changed to University Placement Services.

The name change was made to explain more accurately the duties of the office and "to emphasize new directions in placement and the marketing function at Bowling Green," according to James L. Galloway, director.

In another name change, the Development and Life Planning Center is now the Counseling and Career Development Center.

**Preview**

**MUSIC**

Jack Hamilton, folkson, Union Associate players, 1:30-3:30 p.m., Saturday, Oct. 7, Recital Hall, College of Musical Arts.

Toni Gwill, guitarist, 8 p.m., Sunday, Recital Hall, College of Musical Arts.

Stephanie Brown, pianist, 8 p.m., Monday, Oct. 2, Recital Hall, College of Musical Arts.

John Bentley, oboist, and Judith Bentley, Flutist, 8 p.m., Oct. 11, Recital Hall, College of Musical Arts.

Martin Mull, comedian, 8 p.m., Monday, Oct. 2, Recital Hall, College of Musical Arts.

**EXHIBITS**

Watercolors by Kay Westhaven, 9-12 p.m. Thursday and Friday, Side Door. 50 cents.

Tom Gwill, guitarist, 8 p.m., Sunday, Recital Hall, College of Musical Arts.

**RECREATION**

Bridge lessons, beginners and in-中级 players, 1-3 p.m., nine consecutive Wednesdays, beginning Sept. 27, Ohio Union, Union. $9 students, $18 non-students.

**TELEVISION**

"Pumping Iron," a documentary on the body-building cult in America, 8 p.m., Oct. 3, WBGU-TV, Channel 57.

"Congressional Outlook," (on legislation pending before Congress), 7 p.m. Tuesday, Oct. 8, WBGU-TV, Channel 57.