

8-7-2000

## Monitor Newsletter August 07, 2000

Bowling Green State University

Follow this and additional works at: <https://scholarworks.bgsu.edu/monitor>

---

### Recommended Citation

Bowling Green State University, "Monitor Newsletter August 07, 2000" (2000). *Monitor*. 594.  
<https://scholarworks.bgsu.edu/monitor/594>

This Book is brought to you for free and open access by the University Publications at ScholarWorks@BGSU. It has been accepted for inclusion in Monitor by an authorized administrator of ScholarWorks@BGSU.

# MONITOR

VOL. 25 NO. <sup>5</sup> <sub>6</sub> ◆ AUG. 7, 2000

Robert Vincent, geology, shows satellite images of western Lake Erie taken July 1. As the satellite passed over, Michael McKay, biology, and University of Toledo faculty were sampling water from the lake to compare with the satellite data.

## Satellite provides earlier look at events on land and sea

Pictures taken from the sky may reveal potential trouble spots on earth long before they can be seen by the naked eye, according to Robert Vincent, geology. Vincent has just received a \$105,000 grant from the NASA Glenn Research Center near Cleveland to conduct research on images taken by the LANDSAT 7 satellite as it passes over northwest Ohio and to demonstrate ways in which the information can be applied.

Vincent hopes the satellite images will eventually enable scientists to anticipate toxic algae blooms in Lake Erie, or head off developing wheat rust infestations in crops, for example. By using multispectral remote sensing, the satellite can detect a much subtler measure of the chemical composition of plants, soil and water than can visual perception.

The Earth Resources satellite passes over the area once every 16 days, recording images of "frames," which are areas about 13,000 square miles on the ground. Bowling Green is about in the center of Vincent's frame, which approximately extends east to Sandusky Bay, west to Defiance, north to Ann Arbor and south to Findlay.

This is the first time the geology department has gotten a NASA grant, Vincent said. An expert in remote sensing, he helped start OhioView, a consortium of eight Ohio institutions that is dedicated to obtaining inexpensive remote-sensing data for researchers and educators. OhioView has negotiated agree-

ments with the federal government to make the images available at a fraction of the usual cost and with the state of Ohio (through OhioLink, the library consortium) to pay for them. It costs the state about \$200,000 a year to obtain LANDSAT 7 Thematic Mapper data for every overpass required to cover the entire state. The seven other universities in the consortium also received research application funding from NASA this year.

Data from the satellite has the potential for broad applications across many disciplines. The LANDSAT project has brought together unlikely collaborators, according to Fleming Fallon, associate director of the public health program. Using funding through the grant facilitated by Beth Honadle, director of the Center for Policy Analysis, a graduate assistant in geology, Mauricio Baquero, is researching drought conditions as they affect the particulate content of bare soil and its relation to reported respiratory illnesses. The NASA Glenn grant and the Center for Policy Analysis are funding complementary elements of this research, which involves data from both LANDSAT 7 and a National Oceanic and Atmospheric Administration satellite sensor.

"The goal of public health is to prevent things from happening, to keep people healthy. Dust in the air can trigger illness and hospital stays for people with respiratory conditions. If we can

(Continued on back)

## BGSU celebrates best-ever year for donations

Total giving to Bowling Green State University during the fiscal year that ended June 30 exceeded \$7.632 million, breaking the previous record of \$5.4 million in private contributions last year. Numerous additional gifts-in-kind also were received by the University.

The total included a record \$2 million bequest for scholarships, according to Marcia Latta, director of development and associate vice president for University advancement.

She said several factors played roles in making it a suc-

cessful fund-raising year, including an increase in contributions from current and retired faculty and staff, 41 per cent of whom gave to the University through the Family Campaign.

"It was a record-setting year on every front—a record-setting annual giving campaign, a record-setting Family Campaign, a record-setting estate bequest," Latta said. "We couldn't have done it without a cadre of volunteers and we want to thank each and every person who helped to make this happen."

## Move-In Day volunteers are needed

The First Year Experience Program and the Office of Residence Life are once again coordinating a residence hall move-in crew on Saturday, Aug. 26 from 9 a.m. to 5 p.m. Volunteers are needed to help with this initiative, according to Jodi Webb, First Year Experience director. A variety of student organizations will be assisting this year as well.

"We are looking for faculty and staff members who are willing to assist students moving into their residence hall or to assist in the residence hall lobby

check-in area.

"The time commitment will be minimal, but the efforts will be greatly appreciated by our new students and their families," Webb said. "The opportunity to interact with the BGSU faculty and staff is always extremely important to our new students."

Those interested in participating should contact Webb at [jwebb@bgnet.bgsu.edu](mailto:jwebb@bgnet.bgsu.edu) by Aug. 11. Individuals are asked to commit to at least a two-hour shift on move-in day, and will be contacted to confirm their availability.

## Central campus area ready for graduation

The technology infrastructure project's restoration of the central campus area will be complete in time for commencement Saturday.

Outside construction continues elsewhere around campus,

while interior BGsupernet construction, with fall semester just three weeks away, is focused on residence halls and buildings with the most classrooms and labs.

## Come and be part of live TV in BG

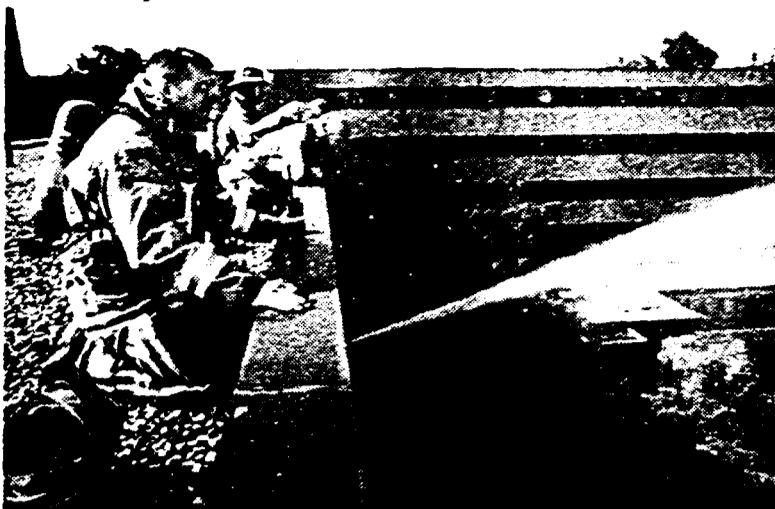
Would you like to see a television news show produced in person? You'll have a chance when NBC-24 News Today comes to Bowling Green on Aug. 18.

The show, hosted by news anchors Nora Murray and Dave Hecht, will originate from a set just east of the Saddleire Student Services Building. The television crew is expected to arrive on campus by 4 a.m. to prepare for the show to air from 6 to 7 a.m. All are welcome to be part of the audience.

That day and during the week preceding the broadcast, NBC-24 News will spotlight activities in the Bowling Green community and on the BGSU campus, according to the station's news director, Michelle Sloan.

In the event of inclement weather, the newscast will originate from Jerome Library.

## Under pressure



Bowling Green firemen Sam Jennings, Rob Rath and Nate Downey, from left, perch on the roof of Founders Residence Hall to check the gallons per minute and pressure of a hose from a floor below. The three were participating in annual exercises to test equipment and facilities and provide training and pre-planning for Bowling Green emergency personnel, according to John Curlis, fire safety officer, environmental health and safety.

## Tunnel work to begin in Lot E

Possibly as early as this week, work will begin on rehabilitating the heating tunnel under Parking Lot E, on Thurstin Avenue. The exact starting date will depend on the signing of contracts with several firms. Between 30 and 40 parking spaces will be unavailable for up to two months as a result of the construction, according to Robert Boucher, project engineer in the Office of Design and Construction.

Throughout the process, the lane along the railroad tracks will remain open to allow access across the lot.

The tunnel, which has been in place for nearly 50 years, has deteriorated badly, Boucher said, especially in the last couple of years. Workmen will remove and replace the deteriorated concrete top and make much-

needed repairs to the piping supports inside the tunnel. Also, an additional steam line will be added to the existing tunnel so that in the event work must be done on the main line, steam needed for heating and cooling inside campus buildings will be maintained.

Two additional spots will be gained through the removal and replacement of the existing deteriorated tunnel hatch, now surrounded by yellow barricades.

Although it might seem that the tunnel project is related to the building of the new heating plant, in fact it is not, Boucher said. Each project has separate state funding and, unfortunately, the tunnel could not be "piggy-backed" onto the heating plant construction to avoid disrupting parking once again, he said.

## Satellite

(Continued from front)

show, using the satellite data, when these conditions exist and more dust is coming, we can warn people to stay inside and thus reduce hospital stays, which will then reduce health-care expenditures," Fallon said.

Other faculty and graduate students in several departments are already sharing in the NASA Glenn research funding as well. Jeffrey Miner and Michael McKay of biology (plus two undergraduate assistants) are studying dangerous algae growth in Lake Erie, while Norman Levine, Joseph Frizado and graduate student Yonggui Guo in geology will also be involved in related research.

Besides the students working this summer, the NASA grant will provide fall and spring semester research assistantships to each of two graduate students who will take photographs and collect soil and water samples simultaneously with the satellite

overpasses. All this image data will then be compared with the physical data to learn important correlations between satellite imagery and ground and water conditions.

Vincent foresees information from the satellite shared and used throughout campus, not only in math and sciences, but especially in teacher preparation. He hopes to enable future teachers to use the satellite images in their own classrooms.

"There is no better teaching tool than an image. We are visual learners, and if you can show someone a picture, they have a much easier time understanding what you're teaching," he said.

Ultimately, he said, he would like Bowling Green to develop a center to oversee and make more widely available the valuable resource of the LANDSAT 7 satellite.

Nonprofit Organization  
U.S. Postage  
PAID  
Permit No. 1  
Bowling Green, Ohio

BGSU is an AA/EEO educator and employer.

## job postings .....

### FACULTY

English. Instructor. Contact the department at 2-7543. Deadline: Aug. 10.

Sociology. Assistant professor, tenure track. Contact Stephen Cernkovich, 2-2743. Deadline: Sept. 30.

Accounting/MIS. Assistant professor, tenure track. Call Alan Lord, 2-2767. Deadline: Oct. 1.

Management. Assistant professor, tenure track. Contact Peter Pinto, 2-2947. Deadline: Nov. 30.

Communication Studies. Professor/director, tenured. Contact Catherine Cassara, 2-2372. Deadline: Dec. 1.

Sociology. Assistant professor, tenured or tenure track. Contact Franklin Goza, 2-7256. Deadline: Jan. 6, 2001.

Contact Human Resources at 372-8421 for information regarding the following:  
CLASSIFIED

Deadline for employees to apply is 1 p.m. Friday, Aug. 11.

Administrative Assistant (C-104-Va)—WBGU-TV (traffic manager). Pay grade 8.

Clerical Specialist (C-107-Sa)—Student Health Services.

Pay grade 5.

Custodial Worker Team Leader (C-103-Sa)—Facilities Services. Pay grade 4. Academic year, part time.

Telephone operator 1 (C-102-Va) Information Technology Services. Pay grade 3. Nine month, full time.

Word Processing Specialist 3 (C-105-Va)—Office of Admissions. Pay grade 7.

Cashier 1 (C-108-Sa)—Dining Services. Pay grade 3. Academic year, part time.

### ADMINISTRATIVE

Communications Director (M-085)—Office of Marketing and Communications. Administrative grade level 18. Deadline: Aug. 7.

Occupational Safety and Health Specialist (M-100)—Environmental Health and Safety. Administrative grade level 15. Deadline: Aug. 11.

Assistant Director (00-095NF)—Institutional Research, BGSU Firelands. Administrative grade level 15. Deadline: Aug. 15.

Art Technician (M-102)—School of Art. Administrative grade level 13. Deadline: Aug. 25.

## campus calendar .....

Monday, Aug. 7

Dissertation defense, "Fitting Engineering Data with Non-Regular Transformed Models," by Grazyna Kamburowska, mathematics and statistics, 10 a.m., 459 Math Science Building.

Tuesday, Aug. 8

Deadline to register for training in BGSU's new office-supply purchasing system. Contact Dawn Lally at dlally@bgnet.bgsu.edu or at 2-2515.

Saturday, Aug. 12

Graduation, 9:30 a.m., ceremonies take place on the lawn west of University Hall. In case of rain, the event will be held in Anderson Arena.

## in memory

Marguerite E. Thompson, 87, died July 27 in Bowling Green.

She was a retired BGSU lab assistant.

www.bgsu.edu/faculty\_staff/

Monitor  
.....online