

4-16-2007

## Monitor Newsletter April 16, 2007

Bowling Green State University

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### Recommended Citation

Bowling Green State University, "Monitor Newsletter April 16, 2007" (2007). *Monitor*. 1653.  
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# BGSU Monitor

APRIL 16, 2007

B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y

## > Top Stories

In Brief

Calendar

Job Postings

Obituaries

### Changes in BGSU Firelands leadership announced

After six years as dean of BGSU Firelands, Dr. James Michael Smith of Fremont is leaving that post July 1 to work full time as vice president for economic development and regional growth.

President Sidney Ribeau named Smith to the vice presidency last August. Since then, Smith has divided his time between the two campuses. Ribeau recently asked the Firelands dean to focus all his attention on enhancing opportunities for comprehensive University-business collaboration throughout the region.

"BGSU Firelands has been a great place for me to lead during the course of the past six years," Smith said. "The faculty and staff have worked incredibly hard to make the college a truly premiere place for student access and student success. Now I look forward to making the transition to focusing full time on economic development.

"I understand Dr. Ribeau's desire to bring forth a significant enhancement for economic development University-wide," Smith continued. "Our state is in dire need of economic renewal; we at BGSU have much to offer that can lead the state toward revitalization."

As vice president, Smith is a member of the president's Cabinet and works with the Regional Growth Partnership in Toledo, the Wood County Economic Development Commission, local and regional chambers of commerce, Greater Erie Marketing, businesses and colleges on specific, forward-looking development projects.

One of those projects involves developing alternative energy sources. Through the efforts of Smith and his colleagues, Firelands obtained a \$1 million federal grant last summer to conduct a study to determine the type and placement of wind turbines on the campus to generate electricity.

Smith will continue to work closely with Firelands leaders on that project and others related to regional development.

#### Interim dean named

Dr. James Matthew Smith of Milan, associate dean of engagement and outreach at Firelands and no relation to the current dean, will serve a two-year term as interim dean of the college beginning July 1, Dr. Mark Gromko, interim provost, has announced.

"We needed someone who has experience at Firelands and is familiar with challenges presented there. Jim has ably handled positions of increasing responsibility, and he can fill those needs," Gromko said.

Smith said he is looking forward to serving as interim dean and providing leadership in the continued growth and expansion of Firelands. "This is a key time for the college, with changing models of state funding and an increased need to provide a quality, affordable education for all. The college is well prepared to provide the education needed by the communities it serves," he said.

Smith joined the Firelands faculty in 1992 as an assistant professor and program director in the Applied Sciences Department. Promoted to associate professor in 1997, he chaired the department from 1996-2005.

For the past two years, he has been associate dean, helping connect the campus and community and establishing partnerships in areas of common interest to improve services, address community issues and promote the local economy through outreach activities, scholarship of engagement and professional services of the faculty.

**B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y**

- > **Top Stories**
- In Brief
- Calendar
- Job Postings
- Obituaries

He also has supervised activities of Firelands' Office of Institutional Research and the Caryl Crane Children's Theatre; managed College Access Programs, and coordinated the college's academic departments, Technology Support Services and the Office of Educational Outreach to support off-campus programs.

In addition, Smith is co-investigator and primary contact for external collaborators and contractors on the \$1 million Coastal Ohio Wind Project that is studying the viability of wind turbines on the Lake Erie coast. He also is leading a NASA-funded Plum Brook Station Alternative Energy Development project examining hybrid energy systems to be used in conjunction with intermediate-size wind turbines.

Smith's research interests include the impact of technological and organizational change and how it impacts productivity in the workplace. He is currently co-authoring a book that applies manufacturing management approaches to higher education.

A 1982 graduate of California University of Pennsylvania, Smith earned his master's degree in technology education in 1987 and his doctorate in technical education in 1989 from the University of Maryland at College Park.

**What's the best site for a 'factory farm'? BGSU student's model may help**

Some people advocate drastic action to keep confined animal feeding operations (CAFOs) out of their rural backyards.

Ryan Dickerson, a graduate student in geology, believes DRASTIC action is a good way to determine the best sites for such operations, sometimes known as "factory farms."

DRASTIC, in this case, is an acronym for seven hydrologic parameters deemed crucial for assessing groundwater pollution potential, starting with depth to water and also including aquifer media, soils media and topography. Developed for the U.S. Environmental Protection Agency in 1987, the model uses an equation to calculate a number that represents a relative pollution potential value, Dickerson explained.

The master's degree student from Arcadia has applied a slightly modified version of DRASTIC to Williams County, the site of three dairy CAFOs and rumored location of a multimillion chicken egg-laying facility. He presented his research April 12 at the joint meeting of the North-Central and South-Central Sections of the Geological Society of America, held at the University of Kansas.

Dickerson, who already holds a bachelor's degree in environmental policy and analysis from BGSU, focused on Williams County due to what he called its "unique hydrological setup." The county's groundwater comes from a glacial outwash aquifer that makes its well yields more productive than the rest of northwest Ohio, he said. But because water moves quickly through the largely sand and gravel aquifer, it's also more susceptible to pollution, he added.

At the same time, the water supply makes the county a prime target for development of CAFOs, which use a lot of water, Dickerson noted. And when wells draw a lot of water, he continued, the water table is lowered and water quality can be affected.

He summarized the primary concerns driving his research as "the potential for pollution from failure of manure lagoon liners and lagoon leakage, and the potential for contaminants to enter groundwater supplies from the application of manure wastewater as fertilizer."

"These (CAFOs) are a developing feature of the Ohio landscape," he said, maintaining that because livestock manure is laden with pathogens, antibiotics and heavy metals, as well as nutrients, and because a vast majority of the state relies on groundwater, a scientific



## B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y

### > Top Stories

In Brief

Calendar

Job Postings

Obituaries

approach should be taken from a hydrologic standpoint to finding sites for the large operations.

"I really just want to bring some science into the equation," said Dickerson. He did so in his study by taking the parameters of DRASTIC; making a few alterations, including increasing the importance of soils media to reflect recent research that has shown complex fluid pathways downward in what were thought to be generally impermeable soils, such as clay; adding a land cover/use parameter, and applying Geographic Information Systems (GIS) software to manage the hydrologic data and create a "layer cake"-like map.

*Land cover plays an important role in how wastewater-based fertilizer will react on the surface, he pointed out, saying that U.S. Geologic Survey data indicated 11 types of land cover in Williams County.*

Dickerson concluded that the areas of the county most sensitive to possible groundwater pollution are along the St. Joseph River and generally in central Williams County. Noting that the findings will be shared with a local group interested in the integrity and protection of the aquifer, he added that his methods could also be applied elsewhere.

Because the Ohio Department of Natural Resources has constructed DRASTIC maps with GIS data for 68 of the state's 88 counties—including Williams—his approach could be replicated for any of those counties, Dickerson said.

It provides a more thorough picture, he maintained, than the current assessment, which, with Ohio Department of Agriculture oversight, involves taking core samples as part of examining proposed CAFO sites. That method doesn't fully take pollution pathways into account, according to Dickerson.

He wants his approach to be seen not as anti-business or anti-agriculture in nature, but as a "preliminary screening tool" to encourage site-specific investigations by land use planners and managers. It should help prioritize areas of importance for protection, indicating where water quality monitoring should be emphasized, and thus where resources should be allocated for that monitoring, he said.

Dr. Enrique Gomezdelcampo, Dickerson's faculty advisor, said the research "is significant because of its direct application to a current concern in the region and its usefulness for decision makers.

"CAFOs are going to exist as long as we don't incorporate the environmental costs of food production into its price," added the assistant professor of geology and environmental programs. "Ryan's modifications to a well-known hydrogeologic tool makes it easy for county planners to determine in what area of the county a CAFO would have the potential to cause the least amount of damage to the water resources."

In addition to his presentation at the Geological Society of America meeting—which he called "a good environment to get feedback on work"—Dickerson plans to submit a manuscript describing his study to the *Journal of Environmental Geology*. He expects to receive his master's degree from BGSU in August.

### **Nicky Damania named winner of Miguel Ornelas Award**

This year's recipient of the Miguel Ornelas Award is Nicky Damania, a graduate assistant in the Center for Multicultural and Academic Initiatives, where he created and runs the center's LGBTQA-Q (Lesbian, Gay, Bisexual, Transgender, Ally-Queer/Questioning) Resource Center. A master's degree student in the Career and Technology Education program, he received the award at the Latino Issues Conference April 12.

The Ornelas award is granted annually by the BGSU Human Relations Commission to

APRIL 16, 2007

**B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y****> Top Stories**

In Brief

Calendar

Job Postings

Obituaries

acknowledge contributions to the University community and to inspire activism and service. The award recognizes an individual, group or organization on campus whose programs, services or actions have significantly enhanced positive human relations at BGSU. Candidates are nominated by a community member and reviewed by the commission.

In her nomination letter for Damania, student Christina Bak cited his "tremendous efforts in fostering a Lesbian-Gay-Bisexual-Transgender-Ally-Queer safe and friendly campus by his creation of the LGBTQA-Q Resource Center." Damania created Safe Space workshops to train students, faculty and staff on LGBT issues and support mechanisms. He has also worked with other students and the student organization Vision to produce a LGBTQA-Q newsletter and the annual Rainbow Dayz week of programming.

Through his efforts, the BGSU community has had the opportunity to experience many special programs and events, including a visit from MTV's "Road Rules" stars Shane and Darrel, a performance by Jade Esteban Estrada of his "ICONS: Lesbian and Gay History of the World Vol. 1," and two LGBTQA-Q symposia.

In addition to his work for the resource center, Damania has been very active in the Graduate Student Senate and the Graduate Students of Technology group, Bak said.

She concluded her nomination letter by noting: "Nicky has proven his passion and commitment to help students work and live productively in our ever-changing global society, while understanding and appreciating diversity and equality amongst all individuals and even within themselves."

"The Human Relations Commission wholeheartedly agreed with this assessment," said commission Chair Dr. Peg Yacobucci in presenting Damania the award. In accepting, Damania said, "The most memorable experience is being nominated by a fellow student, and having a very supportive staff at the CMAI. They've always been there for me and have always shown support for my 'crazy ideas,'" he added humorously.

The award is given in honor of Dr. Miguel Ornelas, a former Human Relations Commission member and director of affirmative action at BGSU. Before his death in 1989, Ornelas served as an advocate for issues of diversity, as head of the Ohio Hispanic Institute of Opportunity, and as a member of the University's Graduate Student Senate, Third World Graduate Association and La Union de Estudiantes Latinos. He was the recipient of the first Hispanic Award from Project Search. The Miguel Ornelas Award is intended to bring to the attention of the University community the actions and services of those who reflect Dr. Ornelas' values.

**BGSU to host OhioDance Festival**

The OhioDance Festival comes to the University for the first time in its 30-year history Friday-Sunday (April 20-22), with activities scheduled in the Eppler Complex and the Eva Marie Saint Theatre in University Hall.

Titled "Dance Matters: BiG Moves," the event features public concerts on Friday and Saturday (April 20 and 21), as well as workshops, panel discussions and technique classes on the same days for dance enthusiasts of all ages and expertise, from beginning to professional.

In addition, auditions will be held Sunday (April 22) for professional dance companies, including BalletMet in Columbus; the Cleveland Contemporary Dance Theatre; GroundWorks Dancetheater, also in Cleveland, and Dayton's SMAG Dance Collective. Eisenhower Dance Ensemble, in metropolitan Detroit, will also be represented at the auditions.

The dance concert "Footlights" will be performed at 8 p.m. Friday in the Whitney Dance Studio, located in 222 Eppler North. The concert will feature choreography by Colleen Murphy, Deborah Tell and Tammy Starr, faculty members in the University's Dance Program. Tickets are \$5 and will be available at the door a half hour before show time.

**BGSU**

APRIL 16, 2007

## B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y

## &gt; Top Stories

## &gt; In Brief

Calendar

Job Postings

Obituaries

The following night, adjudicated choreography by professional and young dance artists from around the state will be highlighted in the festival's showcase concert, at 7:30 p.m. in the Eva Marie Saint Theatre.

Starr will be among the choreographers whose work will be performed by dancers from Cleveland-based Dancing Wheels, the Findlay Academy of Ballet, Straub Dance Center in Westerville, Ohio University and the Toledo School for the Arts. Modern, West African and tap dance will join ballet and wheelchair dance on the program. Tickets are \$12 for students and \$15 for others.

Also on Saturday, OhioDance will present awards to Mimi Brodsky Chenfeld, for Outstanding Contributions to the Advancement of Dance Education, and David Shimotakahara, for Outstanding Contributions to Advancement of the Dance Artform.

Brodsky Chenfeld, of Columbus, has been a movement educator for more than 50 years, while Shimotakahara, a dancer and choreographer, is founder and artistic director of Ground-Works Dancetheater. He is also a former principal dancer with the Ohio Ballet, winner of the 2000 Cleveland Arts Prize for dance and the recipient of several Ohio Arts Council fellowships. Both award winners will teach master classes on Saturday.

OhioDance and the University's School of Human Movement, Sport and Leisure Studies are sponsoring the festival in partnership with the BGSU Department of Theatre and Film. To register or for more information, including a detailed class schedule and fees, visit <http://ohiodance.org/festival.html>. Additional information is also available from Tammy Starr, at [tammyan@bgsu.edu](mailto:tammyan@bgsu.edu); Jane D'Angelo, executive director of OhioDance, at 614-224-2913, or by emailing [ohiodance@hotmail.com](mailto:ohiodance@hotmail.com).

**IN BRIEF****Pasakarnis-Buchanan lecture focuses on bacterial communication**

"How Bacteria Talk to Each Other" will be the topic of Princeton University's Dr. Bonnie Bassler when she gives the eighth annual Jean Pasakarnis-Buchanan Lecture April 23. The free talk will begin at 7 p.m. in the Bowen-Thompson Student Union Theater.

Bassler's research focuses on quorum sensing, the molecular mechanisms that bacteria use for intercellular communication.

She will also give a departmental lecture on "Molecular Mechanisms Underlying Quorum Sensing Control of Gene Expression in Bacteria" at 10:30 a.m. April 24 in 112 Life Sciences Building (the Buchanan Lecture Hall).

Director of graduate studies in Princeton's molecular biology department and a Howard Hughes Medical Investigator, Bassler is a member of the National Academy of Sciences and a 2002 recipient of a MacArthur Foundation Fellowship.

She was awarded the 2003 Theobald Smith Society Waksman Award and the 2006 American Society for Microbiology's Eli Lilly Investigator Award for fundamental contributions to microbiological research. She was elected to the American Academy of Microbiology in 2002 and made a Fellow of the American Association for the Advancement of Science in 2004.

She is also an editor for *Molecular Microbiology* and *Annual Reviews of Genetics*, and an associate editor for the *Journal of Bacteriology*.

BGSU's annual lecture series was created in 1998 through an endowment by Jean Pasakarnis-Buchanan, who graduated from the University in 1952 and went on to a 33-year career

**BGSU**

## B O W L I N G   G R E E N   S T A T E   U N I V E R S I T Y

- Top Stories
- > In Brief
- > Calendar
- Job Postings
- Obituaries

as a cytologist with Massachusetts General Hospital. She also taught cytology, which is the study of human cells, at Northeastern University. Buchanan received the Alumni Community Award from BGSU in 1972, and in 1987 set up a scholarship for biology or medical technology majors. Her lectureship endowment has allowed the University to bring some of the leading figures in biology and medicine to campus each year.

### Pallister French Canadian lecture and film rescheduled

Director Hejer Charf will introduce her 2003 film, "Les Passeurs (The Go-Betweens)," at 7:30 p.m. Tuesday (April 17) in the Gish Film Theater. The event was rescheduled from Feb. 14 due to the snowstorm that closed the University that day.

Interweaving scenes from "Le chat dans le sac," Gilles Grouix's film about Quebec's Quiet Revolution, Charf employs a "cinéma direct" style and reconsiders the isolation felt by Quebec's Francophone majority. The face of Montreal has diversified, but the film—a presentation of the Pallister French Canadian Lecture and Film Series and the Gish Film Theater Endowment at BGSU—points to a future where the city's many cultures create a new collective identity.

## CALENDAR

### Monday, April 16

**Undergraduate Research Symposium,** 9:30 a.m.-4:30 p.m., Lenhart Grand Ballroom, Bowen-Thompson Student Union. Reception from 2-4 p.m., with student presenters and awards given by Sigma Xi science honorary.

**Concert,** New Music Ensemble, directed by Kenneth Thompson, featuring "Concerto for Trumpet and Five Instruments" by Ellen Taaffe Zwilich with trumpet soloist Charles Saenz, 8 p.m., Lenhart Grand Ballroom, Union.

### Tuesday, April 17

**BG@100 Session,** on Financial Management Solutions, 9:30-11 a.m., Multipurpose Room, Union.

**Baseball vs. Dayton,** 3 p.m., Steller Field.

**Pallister Francophone Canadian Lecture Series,** "Les Passeurs (The Go-Betweens)" (French Canadian/Tunisian, 2003), directed by Hejer Charf, who will introduce the film, 7:30 p.m., Gish Film Theater, Hanna Hall. This event is rescheduled from Feb. 14. **Concert,** Percussion Ensemble, directed by Roger Schupp, 8 p.m., Kobacker Hall, Moore Musical Arts Center.

**Movie,** "Rocky Balboa," 9:30 p.m., Union Theater.

### Wednesday, April 18

**Brown Bag Luncheon,** "Crippling the Female Identity: Hollywood and the Heteronor-

mative Agenda in 'Million Dollar Baby,'" by Rob Prince, American culture studies, noon-1 p.m., Women's Center, 107 Hanna Hall.

**Dissertation Defense,** "Post-9/11 Rhetorical Theory and Composition Pedagogy: Fostering Trauma Rhetorics as Civic Space," by Robin Murphy, English, 2:45 p.m., 206 East Hall.

**Baseball vs. Toledo,** 3 p.m., Steller Field. **Faculty Artist Series,** jazz pianist Russell Schmidt, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

**Art History Association Film Series,** "Trainspotting," 9-11:30 p.m., 204 Fine Arts Center. April's theme is addiction.

### Thursday, April 19

**Creative Writing Program BFA Reading,** by Melissa Cole, Mary Hammon, Bill Scroggins and Tim Westerman, 7:30 p.m., Prout Chapel.

**Concert,** World Percussion Night, with the Afro-Caribbean Ensemble, Kusuma Sari Gamelan and the newly formed Hayabusa Taiko Ensemble, 8 p.m., Kobacker Hall, Moore Musical Arts Center.

### Friday, April 20

**Women's Research Network,** "There is Nothing 'Traditional' About Marriage," by Dr. Diane F. Britton, history, University of Toledo, 1:30-3:30 p.m., Women's Center, 107 Hanna Hall.

**Baseball vs. Akron,** 3 p.m., Steller Field.

**BGSU**

## BOWLING GREEN STATE UNIVERSITY

Top Stories

In Brief

> **Calendar**

Job Postings

Obituaries

**Movie**, "Rocky Balboa," 6:30 and 9:30 p.m., Union Theater.

**Opera Scenes**, by Bowling Green Opera Theater, 8 p.m., Bryan Recital Hall, Moore Musical Arts Center.

**Dance Concert**, "Footlights," with choreography by Colleen Murphy, Deborah Tell and Tammy Starr, faculty members in the University's Dance Program, 8 p.m., Whitney Dance Studio, 222 Eppler North. Tickets are \$5 and can be purchased at the door a half hour before the show. The event is part of the OhioDance Festival.

#### Saturday, April 21

**Baseball** vs. Akron, 1 p.m., Steller Field.

**OhioDance Festival Showcase**, featuring adjudicated choreography and performances by dancers from Cleveland-based Dancing Wheels, the Findlay Academy of Ballet, Straub Dance Center in Westerville and the Toledo School for the Arts, 7:30 p.m., Eva Marie Saint Theatre, University Hall. Tickets are \$12 for students and \$15 for others, and can be purchased an hour before the show.

**Concert**, Concert Band, directed by Carol Hayward, and University Band, directed by Kenneth Thompson, 8 p.m., Kobacker Hall, Moore Musical Arts Center.

#### Sunday, April 22

**Baseball** vs. Akron, 1 p.m., Steller Field.

**Kids Planetarium Show**, "Don't Duck, Look Up!" 2 p.m., BGSU Planetarium, 112 Physical Sciences Lab Building. \$1 donation suggested.

**Concert**, featuring "Belshazzar's Feast," by William Walton, performed by the Bowling Green Philharmonia, directed by Emily Freeman Brown, and the University Choral Society, directed by Mark Munson, 3 p.m., Kobacker Hall, Moore Musical Arts Center. Tickets are \$5 for senior citizens and students and \$8 for other adults. To purchase, call the box office at 2-8171.

**Sunday Matinee**, "Adventures in Early Animation," hosted by Dr. Brett Holden, Chapman Community, with special guest Dr. Ben Urish, BGSU alumnus and cultural anthropologist at Michigan State University, 3 p.m., Gish Film Theater, Hanna Hall.

**Movie**, "Rocky Balboa," 9:30 p.m., Union Theater.

#### Monday, April 23

**Eighth Annual Jean Pasakarnis-Buchanan Lecture**, "How Bacteria Talk to Each Other," by Dr. Bonnie Bassler, professor of molecular biology at Princeton University, 7 p.m., Union Theater.

#### Continuing Events

##### April 20-22

**OhioDance Festival**, "Dance Matters: BiG Moves." For more information, visit <http://ohiodance.org/festival.html>.

#### Through April 22

**MFA Thesis Exhibition**, Dorothy Uber Bryan and Willard Wankelman galleries, Fine Arts Center. Gallery hours are 10 a.m.-4 p.m. Tuesday-Saturday and 1-4 p.m. Sunday.

#### Through May 1

**Art Exhibition**, annual student exhibitions, Little Gallery, BGSU Firelands. Gallery hours are 9 a.m.-5 p.m. Monday-Friday.

#### Through May 4

**Planetarium Show**, "Navigating with Lewis and Clark," 8 p.m. Tuesdays and Fridays, 7:30 p.m. Sundays and 2 p.m. Saturdays, April 21 and 28, BGSU Planetarium, 112 Physical Sciences Lab Building. \$1 donation suggested. Stargazing follows the show on Fridays if weather permits.

#### Through May 6

**Art Exhibition**, "Inspired by Art: Selections from Ceramics' Permanent Collection and Recent Ceramic Work by BGSU Students," Union Gallery. Gallery hours are 8 a.m.-9 p.m. Monday-Saturday and 10 a.m.-9 p.m. Sundays.



BOWLING GREEN STATE UNIVERSITY

- Top Stories
- In Brief
- Calendar
- > Job Postings
- > Obituaries

**JOB POSTINGS**

**FACULTY**

There were no jobs posted this week.

**Labor Postings**

<http://international.bgsu.edu/index.php?x=facinfohires>

Contact the Office of Human Resources at 419-372-8421 for information regarding classified and administrative positions. Position vacancy announcements may be viewed by visiting the HR Web site at [www.bgsu.edu/offices/ohr/](http://www.bgsu.edu/offices/ohr/).

Employees wishing to apply for these positions must sign a "Request for Transfer" form

and attach an updated resume or data sheet. This information must be turned in to Human Resources by the job deadline.

**CLASSIFIED**

**On-campus classified:**

[www.bgsu.edu/offices/ohr/employment/BGSU\\_only/page11151.html](http://www.bgsu.edu/offices/ohr/employment/BGSU_only/page11151.html)

**Off-campus classified:**

[www.bgsu.edu/offices/ohr/employment/cl\\_staff/page11145.html](http://www.bgsu.edu/offices/ohr/employment/cl_staff/page11145.html)

**ADMINISTRATIVE**

[www.bgsu.edu/offices/ohr/employment/adm\\_staff/page11137.html](http://www.bgsu.edu/offices/ohr/employment/adm_staff/page11137.html)

**OBITUARY**

**Robert Shamp**, 65, died April 5 in Findlay. From 1994-2005, he was an adjunct professor at BGSU, supervising student teachers, and from 1967-69 was a part-time instructor in the history department.

**Helen Stahl**, 77, died April 8 in Bowling Green. She was retired from the custodial staff at the University.