



## Graduate Helps ONU Building Go 'Green'



Ohio Northern University's transition to conserving energy and going "green" took a major step forward after the installation of a combination wind generator and solar panel system on the roof of Taft Memorial Building.

Robert Slater, who graduated from ONU in 2007 with a degree in technology and an option in advanced manufacturing, spearheaded the project. In September 2007, Slater, of Apple Creek, Ohio, began an independent study in the design of alternative energy systems. This led to the design and installation of a hybrid wind/solar system that can power an electrical load. It also can charge a battery bank that can power a load when the sun is behind clouds and the wind is not blowing.

### Keiser Lectureship Underway

Dr. Carl K. Winter is the featured guest speaker at the first Keiser Distinguished Lectureship in Life Sciences. As part of his four-day visit to the ONU campus, Winter will present a musical performance, "Still Stayin' Alive: A Musical Look at Contemporary Food Safety Issues," at 7 p.m. on Thursday, March 13, in the Freed Center. The event is free and open to the public.

During his visit, Winter is speaking to biology and law students about his extensive research concerning food safety.

Named in honor of professor and ONU alumnus Terry D. Keiser, the Keiser Distinguished Lectureship in Life Sciences brings nationally prominent life sciences scholars to ONU's campus each year to lecture and interact with students. The Keiser Lectureship is the first program of its kind at Ohio Northern.

"This project gave me a great hands-on experience with new technology that is growing with popularity everywhere," Slater said.

The design incorporates an Air Breeze small wind generator from Southwest Windpower and a 150-watt solar panel made by Sunwize Technologies. The setup is controlled by a Maximum Power Point Tracking system from Outback Power Systems. Both alternative energy generators can simultaneously charge a 105-amp-hour, 24-volt battery system and power an electrical load through a 1000-watt pure sine wave inverter.

"It's not a large-scale installation by any means, but we'll be able to study wind and solar technologies at a level not possible without the equipment," said Dr. Adam Stienecker, Slater's advisor on the project and a professor in the Department of Technological Studies.

Stienecker plans to implement the technology into his courses so that students will have the opportunity to peek inside a system that is talked about in the classroom. Other students will design systems to record wind and solar data and analyze the results.

## Grants Awarded

Dr. Bruce Berdanier, associate professor of civil engineering, has been awarded a planning grant of \$29,664 from the National Science Foundation.

Ohio Northern University is part of an international consortium of professors in mainstream universities in the United States, Mongolia and Jordan and Tribal Colleges and Universities known as the International Assessment Containment and Treatment Group (ACT Intl.) The focus of ACT Intl. is to promote international science outreach, teaching and research efforts. The award will fund travel costs for Dr. Berdanier and four additional professors in the ACT Intl., along with four graduate and undergraduate students (one from each school) for a planning visit to the Erdenet Mine in Mongolia. The mine is a regional source of heavy metals contamination in Asia. The intent of the planning visit is to collect baseline data for at least two additional research proposals involving international research activities at the graduate and undergraduate levels.

Dr. David Rouch, chairman of the Department of Technological Studies, is the recipient of a SolidWorks STEM Education Grant, which provides software valued at \$6,000. He received a copy of the Solid Works Student Edition with COSMOSand Curriculum and Courseware CD for use in the classroom. SolidWorks is a leader in 3-D CAD technology and high-performance software.



**Dr. Fahad Reza, center, and Dr. Jonathan Smalley, left, review entries in the Mathcounts competition.**

## Engineering Faculty Assist with Mathcounts

Dr. Jonathan Smalley and Dr. Farhad Reza, engineering, served as volunteers for the 2008 Mathcounts Competition in Lima on Feb. 16. The competition was sponsored by the Lima Society of Professional Engineers.

The mission of Mathcounts is to increase enthusiasm for and enhance achievement in middle school mathematics throughout the United States. Mathcounts® is a national math enrichment, coaching and competition program that promotes middle school mathematics achievement through grass roots involvement in every U.S. state and territory.

With over 22 years experience, Mathcounts is one of the most successful education partnerships involving volunteers, educators, industry sponsors and students.

Kirk Slusher, P.E., Lima Mathcounts Chairman said, "Both OSU and Ohio Northern have shown tremendous support for this program over the years. You all obviously understand the benefit that this program provides for students by starting them off early in their middle school years of education. The lessons they learn by working on their own as well as in a team environment will be invaluable as they progress through their high school years and hopefully into their secondary education. Who knows, you may have some of these kids as your own students in a few years."

The local schools competing in Lima were Bath, Allen East, Anna, Bellefontaine, Benjamin Logan, Russia, Botkins, Fairlawn, Coldwater, Shawnee, McComb, Sydney, St. Charles and St. Gerard. Winners of the local competition go on to the state competition and then may qualify for the national competition.

## Jessup International Moot Court Team Places at Regional Competition

Ohio Northern University's Jessup International Moot Court team earned a fourth-place finish in the prestigious Jessup Mid-Atlantic Super Regional, held Feb. 28 through March 2 in Washington, D.C.

Representing the ONU Pettit College of Law were Gregory Behringer, second-year law student from Ada, Ohio; Joshua Boswell, third-year law student from Monroeville, Pa.; Ryan McLelland, third-year law student from Lima, Ohio; and Esther SanInocencio, second-year law student from Ada, Ohio. Joshua Jones, third-year law student from La Crescenta, Calif., served as the team's coach.

In addition to the team's fourth-place finish, members enjoyed equal success in their oral arguments. Ohio Northern was the only team with all four members placing in the top 15 (of 96) competitors. Individually, SanInocencio placed 10th, Behringer ninth, and McLelland eighth, which gave the team a first-place ranking after the preliminary rounds. The team advanced through the quarterfinals, but lost in the semifinals in a split bench decision. Ohio Northern placed higher than teams from Georgetown, Penn State, American, Ohio State University, and George Washington University.

The Moot Court Program at Ohio Northern has been designed for student participation in appellate and trial advocacy competitions. Through University funding, the program gives law students the opportunity to improve their verbal and writing skills while competing against law students from around the country.

## International Film Comes to Campus

The first film in ONU's International Film Festival will be presented at 7 p.m., March 14 in the Dicke Hall Forum. The film is "LAubergeEspagnole" (The Spanish Apartment).

In the comedy-drama, a French economics student eager to learn Spanish gets an education he wasn't expecting when he moves into a house shared by a large group of students from all over Europe. The film has won numerous film awards.

The International Film Festival, presented by the Office of International Services, is designed to bring the voice and presence of different parts of the world and culture to the ONU community.

## Save The Boxes

Ada Exempted Village Schools are preparing to move to the new building this summer and need boxes to transport books.

The Hammermill/Georgia Pacific paper boxes ONU receives copy paper in every day is the perfect size for the move.

Help the school by saving empty paper boxes and shipping them back to the ONU warehouse. Steve Mankey, warehouse manager, has agreed to hold the boxes until the school picks them up. Please write "Hold for Ada Schools" in large letters on the box and contact his office to schedule a pickup.

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# Abstract Painting Exhibit on Display

The Ohio Northern University department of art presents a solo exhibition of recent abstract paintings by Kylie Heidenheimer. The exhibition, "Bursts, Atmosphere and Stasis," will be on display in the Elzay Gallery of Art and the Stambaugh Studio Theatre Gallery from March 3-28. A public lecture by the artist will be held Friday, March 28, at 3:30 p.m.

A first-generation American, Heidenheimer uses her art to reconcile the dissimilar, processing her Australian grandfather's survival of the Battle of Gallipoli and her Jewish father's escape from Nazi Germany. On canvas, light, airy regions are contrasted by thick splashes of paint, an interpretation of the dual nature of the painted surface that is representative of her own dual heritage. Of her work, Heidenheimer says, "I bring together the divergent via abstract subject matter, suggestive of the celestial, primordial, calligraphic and other urban and natural phenomena."

Heidenheimer holds a BFA in painting from Washington University and an MFA from Hunter College in New York City. She has attended residencies at the Edna St. Vincent Millay Colony in Austerlitz, N.Y., Virginia Center for the Creative Arts in Sweet Briar, Va., Byrdcliffe Artists Colony in Woodstock, N.Y., Blue Mountain Center in Blue Mountain Lake, N.Y., and the Anderson Center for Interdisciplinary Studies in Red Wing, Minn. Her work has been included in exhibitions and flat files at a number of galleries in and around New York City, including Holland Tunnel, Sideshow Gallery, Condeso Lawler Gallery, PS122, Streitt's Matzo Factory, Lower Manhattan Cultural Council, Charas and Mascot Studios. In addition, Heidenheimer has staged solo exhibitions at Columbia University in New York City and the Glenn Eure Gallery in Nags Head, N.C. Heidenheimer lives and works in New York City.

Admission to the Elzay and Stambaugh galleries is free and open to the public, daily from noon to 5 p.m. The Stambaugh Studio Theatre Gallery also is open prior to events held at Ohio Northern's Freed Center for the Performing Arts.

## Chamber Players to Perform in Mexico

ONU's Chamber Players, under the direction of resident artist Lloyd Butler, will travel to San Luis Potosi, Mexico, March 12-16, on the group's first international tour.

The tour is in collaboration between the Ohio Northern University Symphony Orchestra and the Julian Carillo Youth Symphony Orchestra.

"The concept of this is to provide an artistic exchange between United States and Mexican cultures," says Butler. He explains that Julio DeSantiago, conductor for the Julian Carillo Youth Symphony, served as guest conductor of the ONU Symphony in February. Now Butler will conduct the Julian Carillo Youth Symphony in San Luis Potosi. He is scheduled to conduct works by U.S. classical composers including George Chadwick, Aaron Copland and Leonard Bernstein. In addition to this concert, ONU will present a concert of chamber music featuring ONU musicians while in San Luis Potosi.

The ONU Chamber Players will also perform a free public concert at 7:30 p.m., April 6 at Holy Name Church, 154 E. Patterson St Columbus, Ohio.

## Cultural Conversations

The Office of Multicultural Development hosts monthly Cultural Conversation Hours from 11:45 a.m. to 12:45 p.m. on the third Thursday of the month at the Multicultural Center.

The series is dedicated to examining the ideas and issues of multiculturalism and diversity in greater society. Multicultural Development Director Clyde W. Pickett will facilitate critical discussion. Food will be provided.

This month the event will be March 20. The topic is "The Focus of the International Women's Rights Movement."

## NCPA Chapter Makes Donation

The Ohio Northern NCPA (National Community Pharmacist Association) Student Chapter donated \$750 to the "Samaritan Fund" at Lima Memorial Hospital. The money was profit from a fundraiser selling professional name tags. The Samaritan Fund helps indigent people who cannot afford medications and who are not eligible for Medicaid assistance. The members of the NCPA Chapter strive to combine community service with service to the profession of pharmacy and believe this donation helps fulfill this goal.

## OSCPA Scholarship Awarded

Ohio Northern University senior Megan Monaco has been awarded a \$1,000 scholarship from The Ohio Society of Certified Public Accountants (OSCPA).

An accounting major from North Canton, Ohio, Monaco was selected for one of just 10 statewide scholarship awards from the society. She also was invited to participate in the OSCP A annual scholarship day in the spring, where she will compete with nine other OSCP A Statewide Scholarship recipients for an additional \$3,000 award.

Founded in 1908, The Ohio Society of Certified Public Accountants is a professional association dedicated to advancing the accounting profession in Ohio. The Ohio Society represents the interests of its members – whether in corporate or industry practice, public practice, government or education – and supports members in fulfilling their responsibility to serve the public interest and maintain professional competence. The Ohio Society is the fourth-largest state CPA society in the nation, serving nearly 24,000 members across a broad and diverse spectrum of businesses and industries.

## Cassandra Jirous Needs Your Vote!

The AICUO Award for Excellence in the Visual Arts (EVAs) is an exciting way to recognize graduating seniors from independent colleges and universities all over Ohio. ONU's art department has nominated senior Cassandra Jirous, from Cuyahoga Falls, Ohio, for this award.

The grand award winner will be announced on April 21. Students are eligible for the People's Choice Award, which is determined by popular vote.

The winner will receive a prize package and a special hand-crafted award.

Cast your vote today at [www.aicuoartaward.com](http://www.aicuoartaward.com)

# Northern Events - March 13 - 19

## Campus Events

### March 16

12:30 p.m., Easter Egg Hunt, Ada Park

### March 17

3:00 p.m., A&S Council of Department Chairs, McIntosh Board Room

4:00 p.m., College of Engineering Faculty Meeting, Biggs

### March 18

9:00 a.m., Deans and Staff Meeting, Heterick Room 324

9:00 a.m., Third District Court of Appeals, Moot Court Room

5:30 p.m., University Council, Dicke Forum

## Arts and Lectures

### March 13

7:00 p.m., "Still Stayin' Alive: A Musical Look at Food Safety Issues," Dr. Carl Winter, Keiser Distinguished Lectureship in Life Sciences, Freed Center



Dr. Carl Winter

### March 16

8:00 p.m., ONU Men's Chorus Concert, Snyder Rectial Hall

## Athletics

### March 14

Noon, Track and Field Championships, Field House

1:00 p.m., Men's Tennis at Walsh

### March 15

Noon, Track and Field Championships, Field House



Noon, Baseball at Franklin College

1:29 p.m., Softball at Ferrum, Va.

### March 16

Noon, Baseball at Franklin College

1:29 p.m., Softball at Ferrum, Va.

### March 17

3:30 p.m., Men's Tennis vs. John Carroll

### March 18

1:00 p.m., Baseball at Taylor University

### March 19

2:30 p.m., Men's Tennis vs. Marietta

5:00 p.m., Women's Tennis at Kenyon

For more events, go to:

[www-new.onu.edu/event](http://www-new.onu.edu/event)