



## Swine Flu Precautions Underway

With confirmation of a new swine flu virus spreading in various countries, the World Health Organization (WHO) has raised the level of influenza pandemic alert to phase 5, the second highest alert level.

Phase 5 is characterized by human-to-human transmission of an influenza virus and means that WHO believes a global outbreak of the disease is imminent.

The U.S. Centers for Disease Control (CDC) has activated its emergency operations center. CDC's goals are to reduce transmission and illness severity, and provide information to help health care providers, public health officials and the public with the challenges posed by this swine influenza virus.

On Monday, the CDC issued a travel warning, recommending that people avoid non-essential travel to Mexico.

Area health departments are monitoring the situation.

On campus, the following measures are being put in place:

- Flyers urging handwashing and other health tips to prevent illness are being posted
- Flu prevention tips will be provided to faculty, staff and students

To stay up-to-date on the latest information, visit the following Web sites:

**World Health Organization (WHO)**

[www.who.int/en/](http://www.who.int/en/)

**Centers for Disease Control (CDC)**

[www.pandemicflu.gov/](http://www.pandemicflu.gov/)

**Ohio Department of Health**

[www.odh.ohio.gov/](http://www.odh.ohio.gov/)

**Allen County Health Department**

[www.allencountyhealthdepartment.org/](http://www.allencountyhealthdepartment.org/)

In a letter to students, faculty and staff, ONU President Kendall L. Baker said, "We want you to know that Ohio Northern University has taken steps to plan for such a situation.

"Our actions are based on the recommendations of World Health Organization the Centers for Disease Control and state and area health departments. Our goals are to reduce transmission of the illness, maintain essential services and reduce the impact of the illness."

He went on to add, "If the current swine flu situation affects the ONU campus or becomes a more serious pandemic, we will put the necessary steps into effect. You will be notified by e-mail, text message and/or Web announcements of the steps being taken."

For the full text of his letter, go to [www-new.onu.edu/node/18299](http://www-new.onu.edu/node/18299)



The College of Law class of 2009 presented its class gift to ONU President Dr. Kendall L. Baker, second from right, during the college's honors banquet on April 15. The class pledged more than \$10,000 in support of the University's comprehensive campaign. Pictured from left are Sheria Holmes, Courtney Combs, Mary Charlotte Sidor, Nicole Boals-Winget, Dr. Baker and Daryl Manns.



Senior art student Andrew Steingass, from Ada, second from left, accepts his AICUO Award for Excellence in the Visual Arts from AICUO President Todd Jones, left. Joining him are Melissa Eddings, associate professor of art, and Brit Rowe, assistant professor in graphic design.

# Book Published

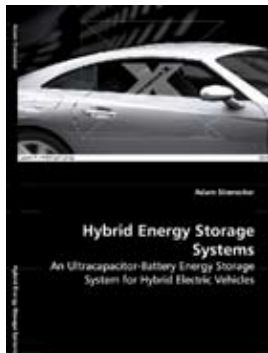
Adam W. Stienecker, Ph.D., assistant professor of technological studies, is the author of a new book, "Hybrid Energy Storage Systems: An Ultracapacitor-Battery Energy Storage System for Hybrid Electric Vehicles," published by VDM Verlag.

The 68-page paperback retails for \$65 (ISBN-10: 3639139941; ISBN-13: 978-3639139945)

The book is a study of the nickel metal hydride (NiMH) batteries used in most hybrid electric vehicles (HEVs). While they provide satisfactory performance, they are quite expensive. In spite of their lower energy density, lead acid batteries are much more economical, but they are prone to sulfation in HEV applications. However, sulfation can be greatly reduced by a circuit that uses an ultracapacitor in conjunction with the battery.

This research presents a new cost-effective method for using these two energy storage components together to extend the life of the battery. This system is presently quite expensive, but will provide much cheaper energy storage if ultracapacitor prices can be reduced to the levels predicted by some manufacturers.

This work studies two different methods for implementation on a hybrid electric vehicle and presents performance data for a variety of simulations.



# Smith Speaks About Investing

**Robert Smith**, BA '75, chair of the ONU Board of Trustees and president and CEO of Spero-Smith Investment Advisors, Inc., was recently interviewed by Crain's Cleveland Business on the topic of investing for retirement in the current economy.

The article says in part, "In general, he counsels patience and long-term thinking. More specifically, he believes ... investors have two key issues with which to deal.

"The first is asset allocation – the decisions about how much money should be in what type of security. The other is risk tolerance or how well the client can look past the daily fluctuations of investments and understand the inherent uncertainty of any investment."

Read the full interview at [tinyurl.com/ceawd2](http://tinyurl.com/ceawd2)

# ArtSpace/Lima Show Includes ONU Artists

Linda Lehman, visiting assistant to the director of the Center for Teacher Education and art instructor, has two watercolors accepted into the spring art show at ArtSpace/Lima. The pieces are titled "Burdens" and "Sunlit."

The ArtSpace/Lima spring show features juried work by 47 artists. Three are ONU graduates: **Jaye Bumbaugh**, BS '59, a retired art professor from Bluffton University and past chair of Bluffton's art department; **Ed Corle**, BA '78, currently an associate professor of art at The University of Findlay; and **Harry Melroy**, BA '71, who teaches art at Mohawk Local School District in Sycamore, Ohio.

Judges for this year's show are Judy Greavu and Bruce Chesser, both retired ONU art professors. The spring show continues through June 30 in downtown Lima. Hours are 10 a.m. to 5 p.m. Tuesday through Friday and 10 a.m. to 2 p.m. Saturday. Admission is free.

# Water Exercise Class Offered

Interested in water exercise for strength, flexibility and cardiovascular health? ONU's senior exercise physiology practicum students have just the class for you.

Faculty and staff are invited to take part in a one-time water exercise class from noon to 12:50 p.m. on May 6 in the University pool.

Water exercise can improve strength and flexibility and strengthen the heart while being gentle on joints.

Water exercise is held in the shallow end of the pool, and participants do not need to be able to swim. Exercises are for beginning to intermediate exercisers and will be designed to fit each participant's abilities.

Class size is limited and walk-ins will not be accepted.

To sign up, or to learn more, contact Sara Terrell at [s-terrell@onu.edu](mailto:s-terrell@onu.edu) by Monday, May 4.

## How to Promote Your Event:

1. Add it to the online calendar ([www-new.onu.edu/event](http://www-new.onu.edu/event)) This is also a good way to see if there is a conflict with another campus event.



2. Tell people about it—your department, your classes, Communications and Marketing, Northern Review, WONB, Cable 3. E-mail works!

3. Consider posters, flyers and/or a campus-wide e-mail.

4. If the event is open to the public, provide information to Communications and Marketing at least two weeks in advance so news releases can be created and sent. Magazines or professional journals need even more advance notice, up to two months.

# Dr. Lippert To Speak at Honors Day, May 9

Honors Day at Ohio Northern is a recognition of students and faculty whose scholarly achievement and service to the University has distinguished them and reflects credit on Ohio Northern.

Beginning at 8 a.m. on Saturday, May 9, honoraries across campus will induct new members and celebrate their accomplishments.

The annual Honors Day convocation begins at 11 a.m. in the Sports Center's north gymnasium with the procession of faculty members in full academic dress. Dr. Anne Lippert, vice president for academic affairs, will be the featured speaker. Her topic is "Mission and Meaning." Also speaking will be Jeff Otte, a senior in biology from Maria Stein, Ohio, and president of ONU's Honors Council. The ONU Wind Orchestra, under the direction of Dr. Thomas Hunt, will provide special music for the event.

A luncheon follows in the field house, and recognition by honoraries continues until 5:30 p.m.

Tickets for the luncheon are available from the Office of Academic Affairs.

## ONU Seeks International Partnerships

Dede Shine, director of international admissions, recently returned from her spring recruiting trip to Japan and China.

The trip to Japan featured presentations at two high schools, a meeting with the Saitama Board of Education, a telephone interview with a potential new partner for the Japanese summer camp and interviews with eight students. The results of the Japan portion of the trip to date include commitments from two students and a new agreement for ONU's department of history that will provide a series of 10 history lectures to 10 of the top high schools in Saitama as an English language proficiency tool. The funds for this project are being provided by the prefectural offices of Saitama and the Saitama Board of Education.

The China tour included stops in nine cities in 10 days with presentations about ONU provided in five cities. In addition, the trip included stops at two universities and one high school, as well as meetings with government officials in Taizhou and Jinan. More than 40 students were interviewed in Suzhou, Guangzhou, Chongqing, Chengdu, Taizhou and Jinan. Shine also had the opportunity to meet with two current ONU students studying in Chengdu, as well as parents of four of our current students and one of our recent alumni.

ONU's international admissions office is partnering with the college of pharmacy to recruit students in Ghana and to develop partnerships with the K N University of Science and Technology. The Council of Pharmacy in Ghana and the U.S. Educational Advising offices in Ghana are assisting in setting up meetings and logistics. Traveling on this trip in late May are Dr. Jeff Talbot of the college of pharmacy, Patrick Acheampong, a fourth-year pharmacy student, and a graduate of KNUST, and Shine.



**Roger Newhouse, left, chair of the Lima chapter of the Society of Manufacturing Engineers (SME) presenting a check of \$1,500 for scholarships to professor Paul Nutter, advisor for the ONU student chapter of SME. Merit scholarship awards will be issued by the ONU chapter to students in the technological studies department based on academic performance, financial need and involvement with the SME chapter.**

## ONU Inks Academic Consortium Agreement with The University of the Arts in London

ONU's department of art and design has announced a strategic affiliation agreement with the University of the Arts London.

This consortium agreement will allow select Ohio Northern students to study at the London-based school for a semester, beginning with the 2009–10 academic year.

"Ohio Northern's affiliation with the University of the Arts London is an outstanding opportunity for the University, our college, department, our students and faculty to interact with one of the most respected art and design schools in the world," said Brit Rowe, chair of the department of art and design.

"We are excited that we are one of the few undergraduate programs in the country to be involved with this type of educational program," he said. "In addition to selected students being able to study at the University of the Arts London, we are looking forward to the intellectual and cultural exchange opportunities this connection represents as we continue to strengthen and develop our programs."

The University of Arts London is Europe's largest university for art, design, fashion, communication and the performing arts.

## April is Tornado Awareness Month

The University's outdoor warning siren is tested at approximately noon on the first Friday of each month. Don't forget to sign up for Emergency Text Messages. Go to your Luminus account and look for "Emergency Broadcast Sign-up."



# Northern Events April 30 - May 6

## Campus Events

### May 1

6:00 p.m., Relay for Life, 18-hour benefit for American Cancer Society, Tundra

### May 3

3:30 p.m., Run for the Roses, 5K run to benefit Cystic Fibrosis Foundation in memory of Angela Badertscher and in honor of Kimberly Badertscher.

6:00 p.m., TNT Worship Service, Chapel

### May 5

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

### May 6

11:00 a.m., Faith Lift, speaker Michael Zembower, lab technician, technological studies, and Sharyn Zembower, coordinator for non-traditional students, Arts & Sciences, Chapel

## Athletics

### April 30

Noon, Men's Tennis at OAC Tournament

1:00 a.m., Men's Golf, OAC Championships at Otterbein

4:30 p.m., Baseball at St. Francis, Fort Wayne, Ind.

### May 1

10:00 a.m., Outdoor Track and Field at Toledo Invitational

Noon, Men's and Women's Tennis at OAC Tournament

1:00 a.m., Men's Golf, OAC Championships at Otterbein

### May 2

10:00 a.m., Track and Field at Stanford, Calif.

Noon, Men's and Women's Tennis at OAC Tournament

1:00 p.m., Baseball vs. Marietta, Wander Field

## Arts and Lectures

### April 30

Noon- 5:00 p.m., The Graphic Imperative: International Posters for Peace, Social Justice and the Environment, Elzay Gallery of Art (last day)

8:00 p.m., "Grand Hotel," Freed Center

### May 1

8:00 p.m., "Grand Hotel," Freed Center

### May 2

8:00 p.m., "Grand Hotel," Freed Center



### May 3

2:00 p.m., "Grand Hotel," Freed Center

### May 3

8:00 p.m., University Singers, Snyder Recital Hall

### May 5

8:00 p.m., Faculty Recital, Music for Woodwinds and Percussion, Snyder Recital Hall

**For more events, go to:**

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