

June 2011

## YSU partners with Akron company to convert plastics into gasoline

Polyflow LLC of Akron and YSU are forming a partnership to convert used cell phones, peanut butter jars, carpet, tires and other plastic and rubber waste into gasoline and diesel fuel.

Through a \$1.6 million grant from Ohio's Third Frontier program, Polyflow will construct a full-scale, 2.5-ton-per-hour demonstration processor that will utilize its patented process to



convert plastic and polymer waste into raw materials for transportation fuels and new plastics.

YSU, led by Associate Professor of Chemistry Josef Simeonsson, will provide technical research support, including approximately \$600,000 in Third Frontier-funded instrumentation and lab equipment for the university to establish a fuel analysis and testing laboratory.

“The opportunity to build an enhanced fuels analysis laboratory will further expand our capabilities on behalf of our students, allowing them to gain hands-on experience in this area of growing national need,” said Martin Abraham, dean of the YSU College of Science, Technology, Engineering and Mathematics. “This collaboration once again illustrates the broad range of YSU activities in advanced energy technologies.”

“Ohio is one of the lowest cost landfill locations in the country; we receive waste from several other states,” said Jay Schabel, chief executive of Polyflow. “It is only fitting that we develop the expertise to utilize this waste to help free us from our dependence on foreign sources of energy while increasing the life of our ever depleting landfills.”



This is YSU's third Ohio Third Frontier Advanced Energy Award in the last nine months. Earlier this year, Ohio Third Frontier announced a \$1 million research award for a YSU-Delphi Automotive collaboration, and last fall YSU and M\*7 Technologies were awarded \$1.66 million for joint research.

Polyflow, which currently has a pilot processor in Akron for small-scale demonstrations, feeds polymer waste into a processing machine, which utilizes heat to break up polymers and

reform them into new molecules, producing petroleum that is lighter than crude oil. The company extracts by-products, including petrochemicals used to make solvents and new polymers, high octane gasoline and diesel fuel that can be used for transportation.

The company is working with the city of Stow, which has set aside \$25,000 for a pilot program encouraging residents to recycle their polymer waste. The pilot will begin later this year. Schabel hopes the full-scale demonstration facility will encourage investors to help fund a commercial plant.

Schabel said that nationwide deployment of the company's patented process would reduce American dependence on foreign crude oil by more than 3.5 percent annually. Greenhouse gas emissions generated by plastic and rubber waste incineration can be reduced by approximately 80 percent, and waste disposal costs for industry and municipalities would be reduced, he said.

# e·Update

YOUNGSTOWN STATE UNIVERSITY

*June 2011*



## **YSU at Arlington**

President Cynthia E. Anderson and Carl Nunziato, a YSU alumnus, Vietnam War veteran and a member of the YSU Veterans Advisory Council, present a YSU wreath at the Tomb of the Unknown Soldier at Arlington National Cemetery outside Washington, D.C., on May 23. Also representing the university were, to the far left, Dave Olekshuk (Air Force), a network services technician at YSU and a member of the YSU Veterans Advisory Council, and Paul Hageman (Army), a member of the YSU Armed Forces Student Association. The wreath presentation was the culmination of several YSU events surrounding Armed Forces Week.

June 2011

## **SMARTS earns presidential honor for community service**

For the second consecutive year, YSU has been named to the President's Higher Education Community Service Honor Roll, the highest federal recognition a college or university can receive for its commitment to volunteering, service-learning and civic engagement.

This year, YSU was recognized for the SMARTS (Students Motivated by the Arts) program and its impact on the local community. YSU is among only four public universities in Ohio to be named to the Honor Roll. To see the full list of recipients, visit

[http://www.learnandserve.gov/about/programs/higher\\_ed\\_honorroll.asp](http://www.learnandserve.gov/about/programs/higher_ed_honorroll.asp).

“Congratulations to these schools and their students for their dedication to service and commitment to improving their local communities,” said Patrick A. Corvington, chief executive officer of the Corporation for National and Community Service.

The Honor Roll, launched in 2006, annually recognizes institutions of higher education for their commitment to and achievement in community service.

“The selection of SMARTS for this honor is clearly indicative of how the program impacts the local community and employs faculty, student and community partnerships to engage local K-12 students in arts programming,” said Ron Shaklee, YSU director of University Scholars and Honors Programs and professor of geography.

“SMARTS connects YSU to the community and offers quality arts education programs to K-12 students from throughout the community,” said Becky Keck, SMARTS director. “This connection gives unlimited opportunities to YSU students, faculty and staff for teaching and learning. The result of this win-win model makes SMARTS one of YSU’s premier points for community engagement.”



Six-year-old Serene Awad performs “A Mozart Melody” on the violin at the SMARTS Music Recital this spring at the Ford Family Recital Hall in the DeYor Performing Arts Center in downtown Youngstown.





Students in grades 1 through 12 celebrate after their SMARTS Sings! Performance May 12 at the Ford Family Recital Hall.

SMARTS, created in 1997, is an arts education project and one of YSU's premier programs for diversity and community engagement. The program provides students in grades kindergarten to 12 free classes in visual arts, music, dance, theater and creative writing and provides early learning opportunities in a living/learning laboratory for YSU students.

During the spring semester this year, SMARTS provided more than 20 hours a week of programming for more than 265 students grades K-12 at the SMARTS Center in downtown Youngstown or out in the community. The programming included three student assistants, 17 student teachers, more than 30 YSU students in various classes/roles and up to 1,500 community members at several different public events. Groups that SMARTS worked with include the Youngstown Boys & Girls Club, STARS/Taft & Williamson Elementary, Mahoning County Salvation Army, Youth Leadership Mahoning Valley, Altrusa/Plant the Seed to Read, Potential Development, and the Power of the Arts Initiative.

For more information, visit [www.fpa.ysu/smarts](http://www.fpa.ysu/smarts).

# e·Update

YOUNGSTOWN STATE UNIVERSITY

June 2011

## Spring Commencement 2011

Nearly 1,200 students received degrees at spring commencement last month, including 12 veterans of the military who wore special red, white and blue cords.

U.S District Court Judge Peter C. Economus received an honorary degree and presented the commencement address. YSU awarded 134 associate degrees, 825 bachelor's degrees, 200 master's degrees (including the first three master's degrees in applied behavior analysis) and 21 doctoral degrees.

To view a video of commencement, visit [www.ysu.edu](http://www.ysu.edu).

“This is yet another way that YSU, as a veteran-friendly university, can honor and thank those who are serving our country,” President Cynthia E. Anderson said about the patriotic cords presented to veterans.

Christina Texter, administrative assistant in the YSU Office of Alumni and Events Management, developed the idea of the



Student speaker Kim Taylor.



From the left, Provost Ikram Khawaja, Judge Peter C. Economus, Youngstown Schools Superintendent Connie Hathorn, YSU Board of Trustees members Carole Weimer and Millicent Counts, and Board Secretary Frank Bennett.



Graduates get ready for the ceremony.



President Cynthia E. Anderson and Trustees Chair Scott Schulick enter Beeghly Center.

patriotic cords after hearing about it through the North American Association of Commencement Officers. She contacted the YSU Office of Veterans Affairs, which helped coordinate the honor.

For two consecutive years, YSU has been named a Military Friendly School by *G.I. Jobs* magazine, a publication designed for military members transitioning back to civilian life. The honor ranks YSU in the top 15 percent of all colleges, universities and trade schools nationwide for its efforts in welcoming and accommodating post-military students.



## Tree planted in memory of John White; YSU re-appointed Tree Campus USA

Members of YSU's Anthropology Colloquium recently planted a tree on the campus core in memory of the late John White, anthropology professor and department chair who passed away in 2009.

White taught at YSU for 34 years, authored more than 100 articles and books and led hundreds of archaeological surveys and excavations worldwide.

"Dr. White was a huge influence and great mentor to so many students," senior Jaime Fratilla said. "We wanted to celebrate his memory with the students he taught before they graduated this year."



Pictured planting the Weeping Higan Cherry Tree in memory of John White are, from the left, students Molly Toth, Jennifer Klingman, Derek Klingman, Tegan Anclade, Kimberlee Delco, Jaime Fratilla and Jason Howell.

The tree-planting coincided with the celebration of National Arbor Day and YSU's re-appointment as a Tree Campus USA.

Tree Campus USA honors colleges and universities and their leaders for promoting healthy management of their campus forests and for engaging the community in environmental stewardship.

"By encouraging its students to plant trees and participate in service that will help the environment, Youngstown State University is making a positive impact on its community that



will last for decades,” said John Rosenow, chief executive and founder of the Arbor Day Foundation.

YSU met the five core standards of tree care and community engagement in order to receive Tree Campus USA status. The standards are: establish a campus tree advisory committee; show evidence of a campus tree-care plan; verification of dedicated annual expenditures on the campus tree-care plan; involvement in an Arbor Day observance; and the institution of a service-learning project aimed at engaging the student body.

For more information, visit [www.arborday.org/TreeCampusUSA](http://www.arborday.org/TreeCampusUSA).

# e·Update

YOUNGSTOWN STATE UNIVERSITY

June 2011

## Sustainable Energy Forum June 5-7 features industry, academic experts

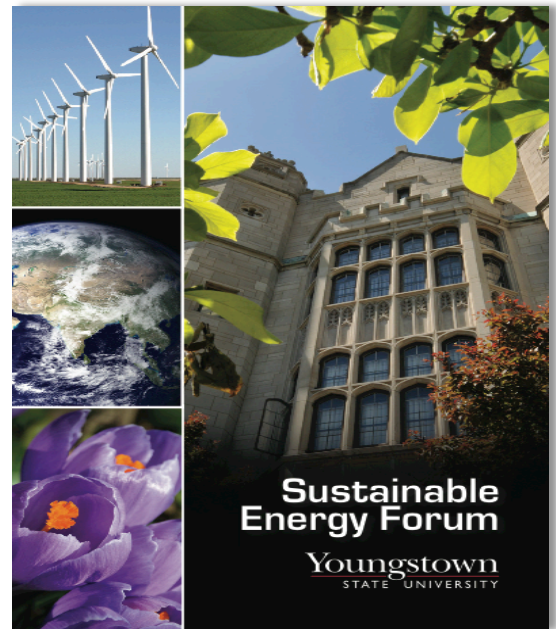
Top government, industry and academic experts from around the country are featured at YSU's third annual Sustainable Energy Forum Sunday, Monday and Tuesday, June 5, 6 and 7 on the YSU campus.

"Sustainable energy is a key area of focus for YSU's STEM College, the TechBelt Region, the state of Ohio, the nation, and the world," said Martin Abraham, dean of the YSU College of Science, Technology, Engineering and Mathematics. "Government officials, industry leaders and academic researchers will all be in attendance to discuss the challenges and the solutions."

Nearly 150 people have registered for the free forum. For more information or to register, visit [www.ysu.edu/sef](http://www.ysu.edu/sef).

For a video on the conference, visit

[http://www.bizveo.com/ysystem/public\\_kiosk.php?video\\_id=4](http://www.bizveo.com/ysystem/public_kiosk.php?video_id=4). The forum's focus this year is "Driving Down the Commercialization Cost of Energy Technologies."



Sustainable  
Energy Forum  
Youngstown  
STATE UNIVERSITY

The forum will be held over three days:

**Sunday, June 5, 5 p.m.** The documentary film "Urban Roots" will be screened in the Schwebel Auditorium in Moser Hall on the YSU campus. The screening is free and open to the public. The movie, directed by Detroit-native Mark McInnis, tells the story of a small group of individuals involved in Detroit's urban agricultural movement. The movie will be followed by a reception and discussion with several local agencies leading urban gardening activities in the Youngstown area.

**Monday, June 6, 8 a.m. to 5 p.m.** in the Chestnut Room of Kilcawley Center. Sessions include presentations by:

- U.S. Senator Rob Portman (awaiting final confirmation).
- U.S. Congressman Tim Ryan.
- Henry Kelly, acting assistant secretary and principal deputy assistant secretary for the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy.
- Cynthia Powell, director of the Office of Research and Development at the National Energy Technology Laboratory.
- Jack Ihle, national energy policy expert.
- Chad Smith, director of the Ohio Energy Resources Division of the Ohio Department of Development.

- Iwan Alexander, Case Western Reserve University.
- Christopher Johnson, physical scientist/project manager at the National Energy Technology Laboratory.
- Kathryn Klaber, president of the Marcellus Shale Coalition.
- Tim Dugan, district manager, Marcellus South and Utica Districts, Chesapeake Energy.
- Jeffrey Dick, chair of the YSU Department of Geology and Environmental Science.



Kathryn Klaber

**Tuesday, June 7, 8 a.m. to 3 p.m.** at the new Williamson Hall on the

YSU campus. Sessions include:

- Discussions about renewable energy, energy systems, materials, carbon and energy efficiency.
- Forum keynote speaker Eric Spiegel, president and chief executive of Siemens Corp., and a native of Youngstown.
- Fred M. Discenzo, manager of Advanced Technology at Rockwell Automation.
- Steven Sinsabaugh, Lockheed Martin Fellow.
- Keith Dodrill, energy system analyst at the Department of Energy, NETL.

The forum is sponsored by YSU, V&M Star, Dominion Foundation, Johnson Controls, NorTech, the Regional Chamber, Roth Brothers, Youngstown Business Incubator and Applied Systems and Technology Transfer.

For more information, visit [www.ysu.edu/sef](http://www.ysu.edu/sef).



Eric Spiegel

# e·Update

---

YOUNGSTOWN STATE UNIVERSITY

*June 2011*

## **Board of Trustees schedules meetings for June**

The YSU Board of Trustees has scheduled the following meetings:

**Thursday, June 2:** Noon, Luncheon; **1 p.m.**, Academic and Student Affairs Committee; **2 p.m.** Ad Hoc Subcommittee on Negotiations and Collective Bargaining; **3 p.m.**, Internal Affairs Committee; **4 p.m.**, External Affairs Committee; **5 p.m.**, Trusteeship Committee.

**Tuesday, June 7:** Noon, Luncheon in the Manchester Room in Tod Hall; **1 p.m.**, Investment Subcommittee; **2 p.m.**, Audit Subcommittee; **3 p.m.**, Finance and Facilities Committee; **4 p.m.**, Executive Committee.

**Friday, June 17, 3 p.m.** Regular quarterly meeting of the board.

All meetings (except the luncheons) are in the Board of Trustees Meeting Room on the first floor of Tod Hall on the YSU campus.



# e·Update

YOUNGSTOWN STATE UNIVERSITY

June 2011

## Top seniors awarded YSU University Scholars award

Forty high school seniors from Ohio and Pennsylvania, including 22 valedictorians, have been named recipients of the Leslie H. Cochran University Scholars Award, Youngstown State University's most prestigious academic scholarship.

YSU President Cynthia E. Anderson presented the new class of University Scholars on Friday, May 13, at a luncheon in Kilcawley Center on campus.



The newest class of Leslie H. Cochran University Scholars poses for photos in Kilcawley Center.

The Leslie H. Cochran University Scholars Award

covers tuition, room and board, as well as a \$360 book voucher. The scholarship is renewable for four years as long as students maintain yearly program requirements of 60 hours of volunteerism, an overall 3.5 grade point average, active participation in the University Honors Program and completion of extracurricular activities.

The University Scholars program, now in its 19<sup>th</sup> year, is funded through the YSU Foundation and is named after former YSU President Leslie H. Cochran. For more on the program, visit [www.ysu.edu/honors](http://www.ysu.edu/honors) or call 330-941-2772.

### The 19th Class of Leslie H. Cochran University Scholars

Marie Adams  
Anthony Alfano  
Emily Andriko  
Michele Awad  
Samantha Burton  
Mark Calautti

Ursuline High School  
Lowellville High School  
Jackson Milton High School  
Cardinal Mooney  
Western Reserve High School  
Boardman High School

Biology PT Track  
Accounting/Finance  
Exercise Science PT Track  
Biology Pre-Veterinary  
Political Science  
Electrical Engineering

Megan Chambers	Boardman High School	Mathematics
Spencer Curcillo	Rutherford B. Hayes	Math Education
Bradley Dubos	Newton Falls High School	Integrated Language Arts
Dalton Fowler	McDonald High School	Marketing
Kelli Froats	Howland High School	Biology
Brooke Fusco	South Range High School	Math Education
Frank George	Ursuline High School	Education
Ashten Gibson	Indian Creek	Biology Pre-Med
Brandon Hunkus	Girard High School	Exercise Science PT Track
Shannon Klainer	Stow Munroe Falls High School	Biology Pre Med
Michelle Kordupel	Boardman High School	Biology Pre-Vet
Katelyn Kridler	Crestview High School	Spanish Education
Brandon Lehnert	Beaver Local High School	Exercise Science PT Track
James Lepak	Sharon High School	English
Alexandra Lincoln	Sandy Valley High School	Chemical Engineering
Jordan McNeil	Marlington High School	Accounting
Jacob Miller	Austintown Fitch High School	Electrical Engineering
Scott Miller	Austintown Fitch High School	Music Education
Hilary Minton	Lordstown High School	Nursing
Philip Monrean	Ursuline High School	Music Performance
Jennifer Moore	Boardman High School	Chemistry Pre-Med
Ashlee Patton	Neshannock High School	Undetermined Education
Sarah Ritchey	Kennedy Catholic High School	Mathematics
Timothy Shaffer	Kennedy Catholic High School	Chemistry
Eric Shehadi	McDonald High School	Mathematics
Michael Slavens	Boardman High School	Electrical/Computer Engineering
Ashley Smith	Licking Valley High School	English Education
Mary Smrek	Boardman High School	Italian Education
Christopher Spielman	Fairfield Area High School	Public Health
Andrew Stamp	Struthers High School	Music Education
Laura Tinkler	Canfield High School	English
Jason White	McDonald High School	Electrical/Computer Engineering
Shelby Woodward	Lakeview High School	Chemistry
Kristi Yazvac	Boardman High School	Mathematics

# e·Update

YOUNGSTOWN STATE UNIVERSITY

*June 2011*

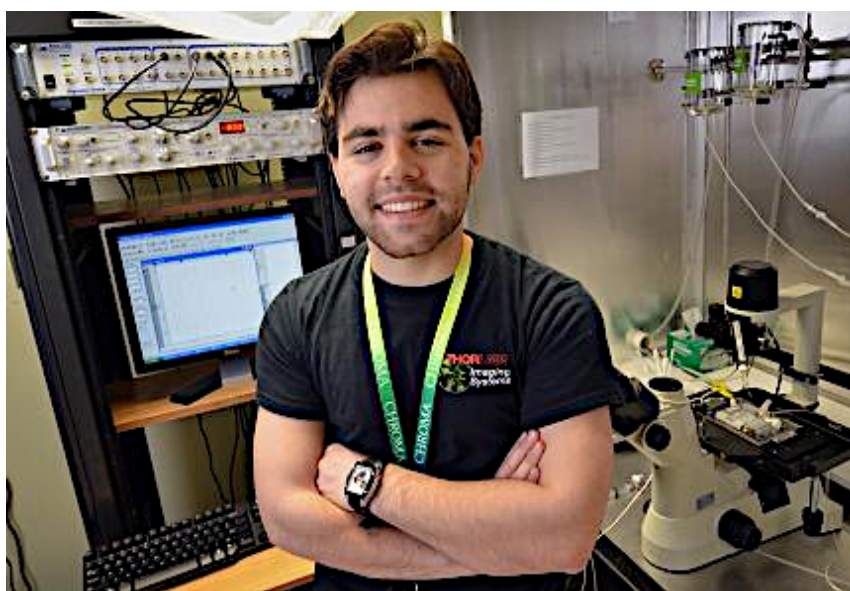
## **Student Success Stories**

From New York to California, YSU students are making their mark this summer.

Fashion merchandising major Victoria Volpe has been accepted into the Fashion Institute of Technology's Visiting Student Program in New York. Junior biology/chemistry major Zane Kalik has received a prestigious fellowship from the University of Pittsburgh Research Investigation Summer Research Experience. And Margaret Jones, who graduated in May from the Dana School of Music, has won a fellowship to study for a Ph.D. in musicology at the University of California-Berkeley.

Read about them and other YSU Student Success Stories at

<http://web.yсу.edu/studentssuccessstories>.



Zane Kalik

# e·Update

YOUNGSTOWN STATE UNIVERSITY

*June 2011*

## **Smoky Hollow Run/Walk set for July 9**

The eighth annual Smoky Hollow 5K Run and 1 Mile Family Fun Walk will be Saturday, July 9, and will include a post-race party and award ceremony at Cassese's MVR in Smoky Hollow.

The event, which celebrates the history of the Smoky Hollow neighborhood just east of the YSU campus, starts and finishes at Harrison Field on Walnut Street behind YSU's Bliss Hall. The 5K run starts at 9 a.m., followed by the one-mile family fun walk at 9:10 a.m. The post-race party begins at 9:45 a.m.

The entry fee is \$15 for early registrants, and \$20 after July 4 and on race day. Children ages 12 and under can register for \$7. To register, fill out a form online at [www.gopherarun.com](http://www.gopherarun.com); race day registration will begin at 7:45 a.m. at Harrison Field. A t-shirt is guaranteed to the first 300 registered entrants.

Awards will be given to qualifying racers in each age division as well as to all one-mile walkers and children. Male and female age



groups are as follows: 14 and under, 15 to 19, 20 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, and 70 and older. The top three males and females, top male and female master (over 40), top male and female grandmaster (over 50), and the top three finishers in each age group will receive awards.

For more information, contact Mandi Campana at 330-941-2207 or Carrie Clyde at 330-941-3360.