

ASCE Newsletter

Central Ohio Section

April, 2012
Volume 16, Issue

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A P R I L D I N N E R M E E T I N G

Date/Time: Thursday, April 19, 2012 - 4:30 P.M. Registration - 5:00 P.M. Dinner

Location: The Ohio Union at The Ohio State University - Tanya R. Rutner Room
1739 North High Street, Columbus, OH

Speakers: Nigel Carter - Turner Construction
OSU and OU Student Chapters

Topic: **OSU Medical Center
Expansion Project**

The presentation will focus on the construction of the OSU Medical Center Expansion Project (OSUMCEP). Some of the unique aspects of the OSUMCEP "ProjectOne" will be discussed.



The students from OSU and OU will give a short presentation on the activities they have been participating in over the past year.

Menu: Buffet of braised beef tips and vegetable lasagna, spanish rice and mashed potatoes, and Caesar salad.

PDH: A certificate for one (1) Continuing Professional Development (CPD) hour will be issued at the conclusion of the program.

Cost: **Registration is due by 5:00 PM on Friday, April 13, 2012.** Late registrations and walk-ins may not be accepted. Registration fees may still be required for no-shows and registrants canceling after April 13, 2012. To register contact Adam Rich by telephone at (614) 918-2476, or via email at register@centralohioasce.com.

Registration: The preferred method of payment is online (click [HERE](#)) before April 13, 2012. Payment may also be made on the day of the event by cash or check. If you need to pay for multiple registrations, please use cash or check. Checks should be made payable to Central Ohio ASCE.

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LETTER FROM THE PRESIDENT

I wanted to start off by thanking James Pajk, P.E. from the Franklin County Engineer's office and Richard Engle, P.E. from E.L. Robinson Engineering for presenting the Dodridge Street Bridge project during the March luncheon. In addition to the lunch presentation both James and Richard were able to provide a tour of the project site and give the group an up close view of the current stages of construction.

Please join us on Thursday April 19, 2012 at The Ohio State University Student Union located at 1739 North High Street. The OSU ASCE Student Chapter has planned a dinner meeting and invited Nigel Carter from Turner Construction to present the unique aspects of the OSU Medical Center Expansion Project. Along with the presentation the Ohio State University and Ohio University ASCE Student Chapters will give a short presentation on the activities that they have been participating in over the past year. A certificate for one Continuing Professional

Development (CPD) will be issued at the conclusion of the program.

It is that time of year again to dust off the golf clubs and buy a few dozen balls to get ready for the ASCE Central Ohio 16th Annual Golf Outing. Once again Jim Pajk and the ASCE Young Members Group will provide one of the best golf outings in Central Ohio at the Darby Creek Golf Club. Please check this month's advertisement and registration form to sign up for the June 22nd event. Also companies can purchase hole, lunch, dinner or beverage cart sponsorships, all proceeds will benefit the Young Member Group, Civil Engineering Career Day and the Minority Student Engineering Program.

Michael Mazzoli

President@CentralOhioASCE.com

2012-2013 ELECTIONS

BALLOTS FOR 2012-2013 OFFICERS

Position	Nominated Candidate	Write-In Candidate
President	<input type="checkbox"/> Adam Rich, P.E.	<input type="checkbox"/> _____
1st Vice President	<input type="checkbox"/> Michael Navabi, P.E.	<input type="checkbox"/> _____
2nd Vice President	<input type="checkbox"/> Carlos Vazquez, P.E.	<input type="checkbox"/> _____
Treasurer	<input type="checkbox"/> Mark Seidemann, P.E.	<input type="checkbox"/> _____
Secretary	<input type="checkbox"/> Michael Smejkal, P.E.	<input type="checkbox"/> _____
Member-at-Large	<input type="checkbox"/> Brooks Vogel, P.E.	<input type="checkbox"/> _____

OHIO COUNCIL OF LOCAL SECTION DELEGATES (Please vote for 6 or write-in)

<input type="checkbox"/> Peter Narsavage, P.E.	<input type="checkbox"/> James Pajk, P.E.
<input type="checkbox"/> Gregory Barden, P.E.	<input type="checkbox"/> Bethany Meek, P.E.
<input type="checkbox"/> Carolyn Merry, PhD.	<input type="checkbox"/> _____ (write-in)
<input type="checkbox"/> Robert Redfield	

NOMINATION FOR OUTSTANDING CIVIL ENGINEER OF CENTRAL OHIO

☐ _____ (Please nominate an engineer.)

NOMINATION FOR OUTSTANDING ASCE CENTRAL OHIO SECTION MEMBER

☐ _____ (Please nominate a section member.)

TWO WAYS TO VOTE. PLEASE VOTE BY APRIL 11, 2012.

1. ASCE members who have paid their section dues should receive an email with a link for online voting. If you do not receive the email invitation, send a request to asce@centralohioasce.com and we will send you one.

2. Send hard-copy ballot to: Julie Pickering, 1500 Lake Shore Drive, Ste 100, Columbus, OH 43204

OHIO LEGISLATIVE DAY

Date & Time: Wed, 5/02/2012 - 8:00 A.M.

Location: The Capital Club, 41 S. High St., Huntington Center, Columbus, Ohio 43215

Register Now for the 2012 Ohio Engineers Legislative Day! There will be 4 hours of CPD available. Participants will learn the status of transportation funding in Ohio as well as the efforts to make Ohio a competitive leader in the national and global economies via its transportation system. Topics Include:

- Transportation Funding
- Columbus Crossroads I-71/670
- Engineers as Citizen Lobbyists
- National Transportation Legislation

Ohio Engineers Legislative Day is sponsored cooperatively by the American Society of Civil Engineers (ASCE), Ohio Council of Local Sections and The Ohio Society of Professional Engineers (OSPE). A discounted registration fee of \$50 is available to ASCE members, which includes lunch and materials.

Visits to your legislators are encouraged after the program. We will help you arrange these visits if you register early.

Use the link below for more information and how to register.

<http://ohioengineer.com/images/stories/pdf/legdaypromo2012.pdf>

OHIO CAPITAL BUDGET BILL

Governor John Kasich signed the \$1.74 billion, two-year budget bill, which is leaner than past budgets. The bill, for fiscal years 2013 and 2014, does not include funding for the Clean Ohio program, or for community projects such as museums, parks, and theaters. The bill includes:

- \$675 million for the Ohio School Facilities Commission, which funds school construction projects around the state.
- \$400 million for construction projects at state institutions of higher education.
- \$365 million for the Ohio Public Works Commission to fund local water, wastewater and road and bridge projects.
- \$288 million for state agency projects, 95 percent of which is devoted to maintenance and renovation of existing facilities, such as:
 - \$67.9 million for projects at the state's 28 adult prisons and \$15.5 million at juvenile justice facilities;
 - \$30 million for the Department of Administrative Services, including \$15.5 million for the state of Ohio Computer Center;
 - \$10 million for the Department of Mental Health to support community housing, treatment and support projects;
 - \$14.6 million for the Department of Developmental Disabilities to fund projects at its 10 developmental centers;
 - \$51.2 million for the Ohio Department of Natural Resources to do maintenance and improvements at state parks and forests.
 - \$18.8 million for a new National Guard armory in Delaware.
 - \$11.9 million to build a state-of-the-art crime lab for the Bureau of Criminal Identification and Investigation on the Bowling Green State University campus.
 - \$10 million for coal research and development at the Department of Development.

DR. CAROLYN MERRY ASCE AWARD

Dr. Carolyn Merry, Ph.D., M.ASCE, Chair of The Ohio State University Department of Civil, Environmental and Geodetic Engineering and a member of the Central Ohio Section, has been selected to receive the 2012 National ASCE Surveying & Mapping Award. The award will be presented at the Annual Award



Ceremony in Montreal. Additional information and recipient photographs will be available at www.asce.org/awards after the Annual Civil Engineering Conference in October.

Instituted in 1969, the Surveying and Mapping Award recognizes contributions that advance surveying and mapping either in teaching, writing, research, planning, design, construction or management. Congratulations to Dr. Merry!!!

ASCE SPRING SEMINAR

UPDATED - SAVE THE DATE!

ASCE 2012 Spring Seminar

Use of Geographic Information Systems (GIS) for engineering applications

WHEN: Thursday, 6/7/2012 - 9:00am

WHERE: Crowne Plaza Hotel Columbus North, 6500 Doubletree Avenue, Columbus, OH 43229

GIS is a powerful tool used across multiple disciplines to enhance engineering applications. In today's professional environment, GIS technology is necessary to analyze and display geographic information as it relates to transportation, public utilities and water resources.

- For transportation, GIS is used to analyze imagery to assist with critical planning, design and quality control.
- For public utilities, GIS is used to help prioritize water main replacements and rehabilitation by organizing, relating and mapping several years of maintenance and work order information.
- For water resources GIS is a powerful tool for the determination of many parameters used to create hydrologic and hydraulic models.

2012 MIDWEST GEOTECHNICAL CONFERENCE

Columbus will host the 2012 Midwest Geotechnical Conference at the Crowne Plaza Columbus Downtown from September 25-27.



The conference seeks to have a variety of technical presentations pertaining to the application of geotechnical engineering, geology and geophysics to the highway and transportation industry. Presentations discussing case histories and state-of-the-practice issues are particularly encouraged. Each of the member organizations of the Midwest Geotechnical Conference as well as geotechnical professionals from the private sector and academia are invited to submit presentation abstracts. Potential session topics include:

- Shallow Foundations for Highway Structures
- Large Diameter Pipe Pile Foundations
- GRS Abutments
- Design Build & Innovative Contracting
- Design, Inspection & Testing of Drilled Shafts
- Geotechnical Innovations & New Technology
- Landslides & Slope Design
- Ground Improvement
- CPT & In-Situ Testing

Abstract length should be limited to 200 to 400 words, 11/2-spaced, 11-point Arial font type, justified, without figures or photos, in Microsoft Word format. The abstract submittal should include:

- All authors names
- Affiliation of all authors
- Contact information for all authors (email addresses and phone numbers)
- Presentation Title
- Presentation Abstract

Important Dates

Abstract submittal deadline - August 15, 2012
Notification of acceptance - August 17, 2012
Powerpoint presentations due - September 11, 2012

For further information regarding abstracts/presentations and to submit abstracts, please contact:

Steve Sommers, phone: 614-275-1356, fax: 614-887-4085, email: Steve.Sommers@ODOT.

For further information about the conference, please click [HERE](#)

L I C H T E N S T E I N D I S T I N G U I S H E D L E C T U R E

When: Thursday, April 12, 2012

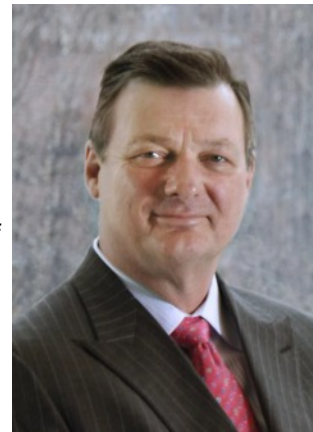
Where: Smith Seminar Room
Physics Research Building
The Ohio State University
191 W. Woodruff Ave

Battelle - From Founding Purposes to 21st Century Global Issues

The origin of the Battelle Memorial Institute was created in the Will of Gordon Battelle in 1920. The doors opened for business in 1929 on King Avenue across from The Ohio State University. With a total of 45 employees and about \$3.5M, the start of a journey had begun to fulfill Gordon Battelle's goals to create inventions, reduce them to practice for the good of society, and reinvest returns in research and development and also into education. Over the years Battelle has created the Xerox machine, the universal barcode, the compact disc, the cruise control, and many other now commonplace items. Today, in 2012, the Institute has grown to 24,000 employees, and an annual revenue of about \$6.5B. In addition to the Columbus operations, the Institute manages or co-manages eight national laboratories, several manufacturing centers, and oversee their own venture capital fund. Battelle operates the world's most powerful neutron source, X-ray beams, and computers, and have operations in hundreds of locations including a number in Europe and Asia. The lecture will briefly summarize Battelle's history, current state, and give some examples of

research, facilities, and latest inventions. It will also include a discussion on global trends that influence the plan for the future.

Jeff Wadsworth was educated at Sheffield University in England, where he studied metallurgy, earning a bachelor's degree in 1972 and a Ph.D. in 1975. He was awarded a Doctor of Metallurgy degree in 1991 for his published work and received the highest recognition conferred by the university, an honorary Doctor of



Engineering degree, in July 2004. Jeff came to the United States in 1976 and has worked at Stanford University, Lockheed Missiles and Space Company, and Lawrence Livermore National Laboratory. Jeff has authored or co-authored nearly 300 scientific papers and 1 book, and he has been granted 4 U.S. patents. His many honors and awards include five honorary doctorates, two honorary professorships from Chinese universities, and election to the rank of Fellow of three technical societies. He was elected a member of the National Academy of Engineering in 2005 and the Chinese Academy of Engineering in 2012

2012 GOLF OUTING

With spring is full swing that means Golf Season is upon us. Don't forget to mark your calendars and signup for the 16th annual ASCE Central Ohio Section Golf Outing to be held June 22nd, 11:00a.m. at Darby Creek Golf Course. The format is the ever popular 2 person mixed format. For a low entry fee of \$70 you get greens fees, cart, driving range, drink tickets, lunch, steak and chicken dinner, beverages, tons of hole and place prizes and lots of "those" pies at the end.

This outing has raised almost \$25,000 over the years to support the Younger Member Group (our annual chefs at the outing), Civil Engineering Career Day and numerous other programs. This is made possible with the generous sponsorships from many Central Ohio firms and businesses.

Please consider being a hole sponsor for \$100 or a lunch/ dinner/ beverage cart sponsor for \$250 which includes hole recognition as well.



For any questions in regards to sponsorship and/or registering to play, please contact Jim Pajk at 614-525-3021 or via EMAIL.

Go to the ASCE Central Ohio website, www.centralohioasce.org, to download a flyer.

2011 - 2012 CENTRAL OHIO ASCE MEETINGS

Meeting Date	Topic	Location	Coordinator
Tuesday, April 19, 2012 Dinner	OSU Medical Center Expansion Project	OSU Ohio Union	Dr. Carolyn Merry (OSU)
Thursday, May 17, 2012 Lunch	ASCE President Elect	OSU Faculty Club	Bob Redfield (ASCE)
June 2012	Planning Meeting	T.B.D.	Michael Navabi (ASCE)
Friday, June 22, 2012	Annual Golf Outing & Motorcycle Tour	Darby Creek Golf Club	Jim Pajk (ASCE)

ASCE CONTINUING EDUCATION

ASCE Geographic Services is pleased to provide Continuing Education seminars and workshops. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department.

March 7-9, 2012	Chicago	HEC-RAS Computer Workshop for Unsteady Flow Applications
March 29-30, 2012	Minneapolis	Introduction to Dam and Levee Safety, Evaluation and Rehabilitation
April 26-27, 2012	Cincinnati	HEC-HMS Computer Workshop
May 10-11, 2012	Madison, WI	Structural Condition Assessment of Existing Structures
June 7-8, 2012	Milwaukee	Earth Retaining Structures Selection, Design, Construction and Inspection: Now in an LRFD Design Platform
June 14-15, 2012	Cincinnati	Financial Management for the Professional Engineer
June 14-15, 2012	Chicago	Structural Design of Industrial Facilities ~ <i>Newly Updated</i>
June 21-22, 2012	Chicago	Wind Loads for Buildings and Other Structures- Newly Updated
July 11-13, 2012	Chicago	HEC-RAS Computer Workshop
July 26-27, 2012	Minneapolis	Seismic Design of Highway Bridges
August 9-10, 2012	Chicago	Managing the Design Process - Keeping on Schedule, within Budget, and Selecting the Right Resources
Sept. 12-14, 2012	St. Louis	Structural Vibration Analysis, Design and Troubleshooting
Sept. 19-21, 2012	St. Louis	Structural Design of Buildings and Industrial Facilities for Bomb Blasts and Accidental Chemical Explosions
Sept. 20-21, 2012	Minneapolis	Low Impact Development Applications for Water Resource Management
Sept. 27-28, 2012	Chicago	Storm Water Treatment using Detention Ponds and Commercial Devices ~ <i>New</i>

KEEP UP TO DATE

Join Our E-Mail List!
Stay up to date with current news - go to
<http://centralohioasce.com/e-mail>.

Web: www.centralohioasce.com

E-Mail: asce@centralohioasce.com

BOARD MEETING

*Our Next Board Meeting
Will Be May 3, 2012.
Location: T.B.D.*

EMPLOYMENT OPPORTUNITIES

As a service to our members and colleagues who may be seeking employment opportunities, we have provided links directly to *Human Resources* or *Careers* pages on the company website below. Please click any of the company logos to visit the site. We thank the companies below for their support of the Central Ohio Section of ASCE.

The ASCE National website also provides employment assistance with hundreds of job

postings and additional resources. Please click the image to the right to visit the webpage.



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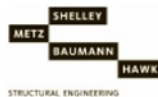


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