



TST October Luncheon

2007-2008 Luncheon Program Theme:
ENERGY & ECONOMIC DEVELOPMENT

Our next meeting will be:

Friday—October 5, 2007

Toledo Club—Downtown—**Garden Room—5th Floor**

Buffet Lunch—11:45 Program: 12:30-1:15 \$20.00 per person

**RSVP by Tuesday October 2nd to Lisa Aller, TST Executive Secretary
419-530-3436 or tst@eng.utoledo.edu**



2007-2008 TST Board

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TST OFFICE

Lisa Aller
University of Toledo—NI5039/MS310
2801 W. Bancroft Street
Toledo, OH 43606
419-530-3436
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OFFICE HOURS:

Tuesdays & Thursdays
10:30—1:30 pm
September thru May
or by appointment

Join us in welcoming Mary Driscoll, organizer of the Northwest Ohio Green Building Council branch of the U.S. Green Building Council (USGBC). Her presentation will cover why LEED was created, the impact of the market transformation- what building types (Recreation, Multiuse, Commercial, Residential, Industrial, Education, etc.) are registering their projects, LEED "products" – New Construction, Existing Buildings, Commercial Interiors, Core and Shell, Homes, LEED's four levels of certification and the process to achieve certification and finally, the benefits of LEED certification and Ohio's certified projects.

Mary Driscoll is the organizer and founding member of the Northwest Ohio Green Building Council branch of the U.S. Green Building Council (USGBC). She is a current board member, chairs the Education committee and serves as liaison to the national organization. Through outreach and educational programs, the NWOGBC, a non profit organization, furthers awareness of sustainable building practices and the Leadership in Energy and Environmental Design (LEED) third party rating system.

Recognizing the need for a local forum on sustainable building, Mary began the process of forming a branch in late 2006. By the first of the year, she garnered the interest of 26 area LEED Accredited Professionals and held the first group meeting in March of 2007. Through the group's dedication and drive, the Northwest Ohio Green Building Council emerged as a branch of the Detroit Regional Chapter and received formal USGBC acknowledgement late this past summer.

Mary has over 20 years experience in the fields of marketing, business interiors sales, and project management. As regional marketing director for a global technology consulting corporation, her programs won numerous awards. She employs these strengths in promoting and furthering the mission of the USGBC. She currently serves as project manager with Contract Furnishings Group in Toledo. Her company, Plan It Green, LLC is a national and local member of the USGBC. The company assists clients in developing sustainable building strategies and in obtaining LEED certification for their buildings.

Mary has a BA from the University of Toledo. She has presented LEED to professional, governmental, and student groups throughout SE Michigan and NW Ohio.

Please note that all luncheons are held at the Toledo Club—Downtown. We have moved our meetings from the Corinthian Room to try a different venue. Monthly meetings will be held in The Grill located on the 2nd floor with October's meeting held in the Garden Room—5th floor and January's joint meeting with TSPE & ASCE held in the Centennial Room on the Main Floor. All locations are noted in **RED** in Program Calendar below for your reference.

**Plan Ahead ...
November Luncheon**

2007-2008 Luncheon Program Theme:
ENERGY & ECONOMIC DEVELOPMENT

SPEAKER: Earl Reid, Director of Lucas County Facilities
TOPIC: Chevron Energy Study for Lucas County

Friday—November 2, 2007

Toledo Club—Downtown—THE GRILL—2nd Floor

Buffet Lunch—11:45 Program: 12:30-1:15
\$20.00 per person

RSVP by Tuesday October 30th to Lisa Aller,
TST Executive Secretary
419-530-3436 or tst@eng.utoledo.edu

Join us in welcoming Mr. Earl Reid, Director of Lucas County Facilities. Mr. Reid's will be discussing Lucas County's current involvement in the design stages of a Central Utility Plant which would include a biomass boiler to supply hot water and a combined chiller and ice storage system to handle cooling of the buildings on the main government campus in downtown Toledo. This project will allow for an improvement of efficiency in the cost of utilities as well as allow for the implementation of efficient equipment in this project. This project requires new legislation regarding upgrades of buildings using ASHRAE standards. This legislation is currently in process in Columbus.

Mr. Reid, as the Director of Lucas County Facilities, is responsible for all Lucas County buildings such as the Lucas County Common Pleas Courthouse, Lucas County Corrections Center, Juvenile Justice Center and Domestic Relations Court to name a few.

Earl worked as a Plant Engineer at the Libbey Glass plant in Toledo and has worked on numerous projects related to facilities, production operations and energy improvement. He was promoted to the corporate offices as the Corporate Facilities Engineer and finally the Corporate Energy Engineer. He is a graduate of the University of Toledo.

**PROGRAM
CALENDAR**

OCTOBER 5th:

***Garden Room* 5th Floor**

TOPIC: NW Ohio Embraces LEED

SPEAKER: Mary Driscoll

NOVEMBER 2nd:

***The Grill* 2nd Floor**

TOPIC: Chevron Energy Study for Lucas County

SPEAKER: Earl Reid, Lucas County

DECEMBER 7th:

***The Grill* 2nd Floor**

****Joint meeting with ASHRAE****

TOPIC: Ohio Fuel Cell Initiative

SPEAKER: Ken Alfred, Ohio Fuel Cell Coalition

JANUARY 4th:

***Centennial Room* 1st Floor**

****Joint meeting with TSPE and ASCE****

TOPIC: 2008 Business & Investment Outlook

SPEAKER: Matt Faltys, VP Fifth Third Bank

FEBRUARY 1st:

***The Grill* 2nd Floor**

TOPIC: UT Energy Research

SPEAKER: Bob Kozar, UT

MARCH 7th:

***The Grill* 2nd Floor**

TOPIC: Wood County "Port"

SPEAKER: Tom Blaha, Wood County EDC

April 4th:

***The Grill* 2nd Floor**

TOPIC: Sunoco-BOC Hydrogen Project

SPEAKERS: Aaron Coulter, Sunoco and
Bob Flage, BOC

May 2nd:

TBD

At press time, these are our current members....

2007-2008 Corporate Members

Arcadis
DGL Consulting Engineers, LLC
HNTB, Inc.
Hull & Associates
Independent Concrete Pipe Co.
Innovative Controls
ITS Technologies
Kuhlman Corporation
Mannik & Smith Group
Matrix Technologies
Mosser Construction
Omni Source Corporation
Rudolph-Libbe, Inc.
Sauder Woodworking Co.
The Dotson Company
The JDI Group, Inc.
The Lathrop Company
Toledo Tool & Die
TTL Associates, Inc.
University of Toledo—College of Engineering

2007-2008 Society Members

American Ceramic Society MI/NW Ohio
American Chemical Society
American Society of Civil Engineers
*American Society of Heating, Refrigerating
and Air-conditioning Engineers*
Associated General Contractors
Institute of Electrical & Electronics Engineers
Instrumentation, Systems & Automation
PMI Western Lake Erie
Toledo Society of Professional Engineers

**2007-2008
Government/Education Organization
Members**

EISC, Inc.
Green Energy Ohio

**Technical Society of Toledo
MEMBERSHIP FORM on Page 7**

**MONTHLY MEETING
CO-SPONSORSHIP
OPPORTUNITIES AVAILABLE!**

Check out our upcoming speakers & topics on page 2...
if your society is interested in co-sponsoring one of the available monthly meetings, contact **TST at 419-530-3436** or email **tst@eng.utoledo.edu** for more information



**Technical Topics
Advertising
Opportunities
available !**

FOR 2007-2008 RATES

Contact:
tst@eng.utoledo.edu

TST offers space in our monthly newsletter to keep others informed of happenings within your company (address changes, promotions, etc.) or society/organization (upcoming event, awards, etc). Please submit info to: tst@eng.utoledo.edu by 15th of the month prior to publication for inclusion in our newsletter. We reserve the right to edit content due to space limitations. Photos will be published as long as we have the space!

TSPE – October 23rd—1.5 PDH available to attendees !

Come learn about and tour the Wet Weather Facilities, part of Toledo Waterway Initiative at the Bay View Waste Water Treatment Plant. Steve Hallett, P.E. Administrator Engineering will report on the operation and construction of the Wet Weather Facilities; then tour the processes that make up the Wet Weather Facilities.

Presentation & Tour of Toledo's Waste Water Facilities**TIME: 4:30pm LIMITED TO 25 (Second group @ 5:00pm optional)****Dinner at 7:00 pm – WEBBERS****Members - \$25, Non-Members - \$30, Students - \$10****Reservations by 10/11 to Lisa Aller 419.530.3436 or tst@eng.utoledo.edu**

Our next meeting is scheduled for Friday, November 16th 11:30am —"Creative Staffing in a Tight Labor Market"

American Concrete Institute— Seminars

Several opportunities available. Please look at the website: www.concreteseminars.com and click on "Search for a Seminar in Your Area". If you need additional information, please contact:

Kelly Dudley at 248-848-3709 or Kelly.Dudley@concrete.org**ASCE—Monthly Meeting - OCT. 11th @ McIntosh Center—Ohio Northern University****TOPIC: "Bridge Inspection and How its Done"**

Discussion will mainly be bridge inspection but will focus on different things that bridge engineers encounter related to bridge design and construction

SPEAKER: Tom Bolte, Director of Burgess & Niples Bridge Group**6:00 Dinner—7:30 Presentation \$15—Members \$10— Students****RSVP NECESSARY BY OCTOBER 4th to:****R-Mahle@onu.edu or B-Berdainer@onu.edu****CSI Toledo—CSI MORNING FEED**

Construction Specification Institute (CSI) - Toledo Chapter announces it's Morning FEED program, (Facts Edified with Eats and Discussion). They meet the 3rd Wednesday (7-8a) of each month @ Café Maries-Secor Rd. **Next Meeting:** October 17th—"ENERGY FUTURES: How much energy represents a significant amount saved?" Part 1 of Our Energy Economy.

For more information, please contact:

Louise Schlatter - 419-255-3830 or email her—lschlatter@ssoe.com**ASHRAE – October 1st @ Eddie Lee's, Sylvania****SPEAKER: Nathan Heine, E.I., SSOE, Inc.****TOPIC: Pipe Stress Analysis**

Nathan will be discussing everything that goes into pipe stress analysis. There are many reasons why a pipe stress analysis is done ... come to the meeting and find out what they are!

TIME: 5:30 Cocktails—6:30 Dinner—7:00 Presentation—No cost to members / \$20 —GUESTS**RSVP NECESSARY BY SEPTEMBER 28th to:****Michele Garbers 419-255-3830 or email her: mgarbers@ssoe.com**

GREEN ENERGY OHIO—Friday thru Sunday October 5-7th—TAKE THE OHIO SOLAR TOUR!

TOUR GUIDEBOOKS NOW AVAILABLE!!! Download your free copies at:

<http://www.greenenergyohio.org/page.cfm?pageID=989>

Renewable energy systems and energy efficient buildings will be shown on 30 guided public tours and open house sites in every corner of the state. The annual Ohio Solar Tour, organized by clean energy advocate, Green Energy Ohio, features tours to homes, businesses, schools, parks and other public sites utilizing the newest and best-example solar electric, solar thermal, wind turbine, green design and energy-saving technologies.

Find out how your neighbors are trimming their energy bills, increasing their energy independence and taking steps to address climate change by taking the Ohio Solar Tour. Learn about energy efficiency, speak with homeowners and experts and find out how solar technology works, what it costs and why it makes sense.

About The Tours

The tours are free and open to the public. Some tours feature complimentary shuttle transportation and lunch. An RSVP is required for some tours. Download the regional guidebooks for more information.

How To Take The Tours

To take the tours, go to the Green Energy Ohio website and download the *free* **Regional Solar Tour Guide books** at www.GreenEnergyOhio.org. The guidebooks contain all the information necessary to take the tours including site information, photos, directions and more.

Volunteers Needed

Volunteers are needed to staff sites on tours across the state. To volunteer, contact:

Northeast Ohio: Athan Barkoukis (216) 526-5545

Northwest Ohio: Diane Miller (419) 530-3804

Central Ohio: Kellie Fiorello (614) 985-1631

Southeast Ohio: Dovetail Solar & Wind Power (740) 592-1800

Southwest Ohio: Sue Leitner (513) 520-6184

Green Energy Ohio is coordinating this annual event in cooperation with The American Solar Energy Society's National Solar Tour, in what has become the largest demonstration of installed renewable energy technologies and energy efficient building practices in the United States. Statewide sponsors include the Ohio Department of Development's Office of Energy Efficiency, The Cleveland Foundation, Duke Energy and The Gund Foundation.

**** Not a GEO Member?** *Join the statewide network to promote renewable energy across the Buckeye state! Join online at www.GreenEnergyOhio.org or call toll-free at (866) GREEN-OH.*

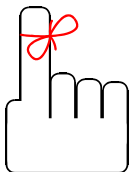
IESNA — October 2nd—SNEAK PEAK TOUR of NEW SHOPS AT FALLEN TIMBERS

Evening Sneak Peak Tour at the new Shops at Fallen Timbers (one day before the Grand Opening) with dinner at the new PF CHANGS CHINA BISTRO. Ward Stahmer, Brint Electric, will lead the tour since Brint installed a large portion of this new installation. We have reservations at 6:00 pm on 10/2/07. The restaurant opens on 10/1 so we will be one of the first to enjoy this new entry to the Toledo Area Restaurant Market.

Directions: Take the first right off Fallen Timbers Lane—NORTH of Russell Road (also North of Dillard's Store). There is a large statue of a horse in front of the restaurant.

RSVP NECESSARY BY SEPTEMBER 27th to:

Martin Braun 419-891-0022 x16 (leave a voice message) or email him: Mb Braun@decagroup.com



Just a reminder ...

Submission deadline for Technical Society of Toledo Newsletter is the 15th of the month prior to publication. Please submit all material electronically to:

tst@eng.utoledo.edu

October 2007

SUN	MON	TUE	WED	THU	FRI	SAT
SEP 30	1 ASHRAE	2 IESNA TST	3	4 ASHRAE	5 TST GEO	6 GEO
7 GEO	8	9	10	11 TSPE ASCE	12	13
14	15 TST	16	17 CSI	18	19 EWEEK	20
21	22	23 TSPE	24	25	26	27
28	29	30 TST	31	NOV 1	NOV 2 TST	NOV 3

MARK YOUR CALENDARS !

- 10/1 – **ASHRAE** Dinner Meeting
5:30 @ Eddie Lee’s–Sylvania
See Member Updates Pg. 4 for Topic Info
*RSVP Required
- 10/2 – **IESNA** Dinner Meeting
6:00 @ PF CHANGS Bistro
Shops @ Fallen Timbers
See Member Updates Pg. 5 for Topic Info
*RSVP Required
– **TST** RSVP’s due for 10/5 TST Luncheon
tst@eng.toledo.edu or 419-530-3436
- 10/4 – **ASCE** RSVP’s due for 10/11 ASCE Dinner
See Member Updates Pg. 4 for 4 Info
- 10/5 – **TST** Luncheon Meeting
11:45–1:15 @ Toledo Club
*Open to everyone–\$20.00/person
*RSVP Required
- 10/5-7 – **Green Energy Ohio Solar Tours**
See Member Updates Pg. 5 for Details
- 10/11 – **TSPE** RSVP’s due for 10/23 TSPE Meeting
tst@eng.toledo.edu or 419-530-3436
– **ASCE** Dinner Meeting
McIntosh Center @ Ohio Northern Univ.
See Member Updates Pg. 4 for Topic Info
*RSVP Required
- 10/15 – **TST** November Newsletter Material Due to office
tst@eng.toledo.edu
- 10/17 – **CSI** Morning F.E.E.D.
7-8am @ Café Maries–Secor Road
See Member Updates Pg. 5 for Topic Info
- 10/19 – **EWEEK Committee Meeting**
Noon–Nitschke Hall Dean’s Conference Room
Lunch Provided *RSVP Required
- 10/23 – **TSPE** Dinner Program
4:30 Tour & Program Dinner-7p @ WEBBERS
\$25 Members/\$30 Non-members/\$10 Students
See Member Updates Pg. 4 for Topic Info
*RSVP Required
- 10/30 – **TST** RSVP’s due for 11/2 TST Luncheon
tst@eng.toledo.edu or 419-530-3436
- 11/2 – **TST** Luncheon Meeting
11:45–1:15 @ Toledo Club
*Open to everyone–\$20.00/person
*RSVP Required

2008 ENGINEER OF THE YEAR CALL FOR NOMINATIONS:

As you know, one of the traditions of the Toledo Engineers Week observance is the honoring of a local engineer as Engineer of the Year. Candidates are judged in seven categories: technical knowledge, professional interest, habits, personal character, leadership, public relations, civic spirit and contributions to the community, state and/or nation. In order to qualify for Engineer of the Year, a candidate must be: 1) a graduate and/or a registered professional engineer, 2) a resident of the Toledo/NW Ohio area for the past five years and 3) a member of the nominating technical society. Preparations of nominations take some time, so we suggest you get started now and not wait for the **December 28th deadline**.

PLEASE MENTION THIS SUBJECT AT YOUR NEXT BOARD OR STAFF MEETING!

The requirement for nomination is submittal of a resume with back ground information describing your candidate’s qualifications. Re-nomination of candidates from previous years is welcome. If you have any questions or need any additional information, please contact: Tom Uhler, P.E. at 419-324-2222. All nomination packets should be forwarded to:

Technical Society of Toledo
University of Toledo—NI5039/MS310
2801 W. Bancroft Street
Toledo, OH 43606



TST SOCIETY MEMBERS ...

need some help getting the word out?

Let us help!

Your TECHNICAL SOCIETY of TOLEDO membership includes FREE e-blasts to our entire membership as well FREE postings to our website, a link to YOUR organization's website & publication opportunities in our monthly newsletter and our bi-annual Toledo Technical Topics newsletter! Administrative Services are also available for an additional charge.

We encourage you to utilize your membership to announce meeting schedules, special events, fundraisers, election of officers, membership drives, promotions, address or email changes, and other articles of interest.

To be considered for publication in our newsletters and on our website, information must reach us by the 15th of the month prior to publication. Deadlines for Toledo Technical Topics are December 1st and March 1st.

Email submissions to: tst@eng.utoledo.edu

For more information, please contact Lisa Aller @ 419-530-3436

*TST reserves the right to edit content due to space limitations. Photos will be published as long as we have the room!

The Technical Society of Toledo (TST) is the umbrella organization of the many professional engineering, technical and professional societies that have local chapters serving the technical professionals in the Toledo area. TST is dedicated to serving its member organizations, corporations, educational institutions, engineering support services and individuals. Numerous benefits of membership include opportunities to promote your company, network with other members and stay in-the-know on the latest news that effects the technical community, as well as volunteer for one of our many technical events and educational activities. The investment you

JOIN TST TODAY!

make by joining will definitely be money well spent., Such an umbrella organization facilitates cooperative efforts by the Toledo area scientific and engineering men and women. Coordinated action by the technical community is helpful to identify and achieve loftier education and, societal goals. Over 1,200 individuals in our member societies take advantage of the benefits TST has to offer through its monthly luncheons, publications, news updates, and more! By becoming a member, you will be joining one of the oldest and strongest technical communities in Ohio and helping to make it even stronger!

Don't wait ... join today!

TST Membership Application:

Please check one:

- Corporation \$150 Society \$50 Government/Education Organization \$50 Individual \$35

Contact Person Name:

Company/Society/Other:

Address: City: ST: ZIP:

Phone: Fax:

Email: Company/Society Website:

Payment Method:

- Invoice Check enclosed

Make checks payable to:

The Technical Society of Toledo (TST)
The University of Toledo
2801 W. Bancroft—NI 5039/MS 310
Toledo OH 43606-3390

***Technical
Society of
Toledo***

The University of Toledo
NI5039/MS310
2801 W. Bancroft St.
Toledo, OH 43606

419-530-3436

POSTAGE

ATTENTION all societies, organizations, members...

we want to help you promote your meetings & events!

Please email or fax your calendar to the TST office so we can publish your information in our monthly newsletter.

COLLEGE CORNER ARTICLES NEEDED!

The Technical Society of Toledo (TST) would like to invite all faculty in the College of Engineering to submit short stories/abstracts/summaries of your research projects, and other topics of interest to the Toledo technical community, for inclusion in its monthly newsletter to TST members. The newsletter is e-mailed to over 200 technical people in the Toledo area along with the first-Friday luncheon meeting announcement. The newsletter is also be posted on TST's web site. TST hopes that the newsletter can become a useful way to update our members on technical happenings in the area, and in this instance, what is going on at the college. Email all submissions to Chris Smallman and she will forward your article to TST. TST and the college look forward to receiving your contributions!

Please contact Chris Smallman—csmallma@eng.utoledo.edu—for submission guidelines.