Dear Lehigh Valley Section Members,

This past summer has been an exciting transition as many new faces and talented engineers have taken on responsibilities to lead our section into another exciting year. I’d like to thank all of our outgoing board members for their service to the Lehigh Valley ASCE Section during their most recent term. Many thanks to our immediate Past-President, Phil Gauffreau, who led us through a great year and helped setup a strong vision for the Board and our Technical committees.

Similar to this past year, the Board has committed to further serving and reaching out to our members with a plethora of events and opportunities to offer our membership. In addition to the technical presentations and PDH opportunities offered at most of the sections monthly dinner meetings, the Lehigh Valley Section will be providing additional technical seminars, webinars and training opportunities from each technical committee for engineers of all specialties. Most recently, we’ve committed to hosting a PE review course for the Spring exam at a substantially reduced cost to members (more details to come in the future).

Although we’re taking an aggressive approach to providing more technical resources to our members, I’ve noticed that the members themselves have been providing an even more valuable resource to each other. The attendance at our dinner meetings has been strong and filled with networking and business opportunities. In fact, these events have evolved into providing employment opportunities for both students entering the workforce and those who may have been affected by the economy.

Finally, we’ve continued our efforts in the Lehigh Valley Regional Infrastructure Planning Initiative (LV RIPI) in addition to reaching out to our members in the Scranton/Wilkes-Barre region as we plan events in coming months. If you haven’t been to an event recently, I strongly encourage you to see how everything has evolved. Likewise, I look forward to seeing you at one of our upcoming events and continuing to serve everyone this year!

Timothy M. Kramer
Lehigh Valley ASCE Section President
LV ASCE ENGINEER RECEIVES EDMUND FRIEDMAN YOUNG ENGINEER AWARD

Gregory Kuklinski, PE, M.ASCE, has been selected by the ASCE Committee on Younger Members to receive the 2011 Edmund Friedman Young Engineer Award for Professional Achievement. In selecting Greg for this award, the committee particularly noted his work ethic and service to the community. Greg is one of five winners chosen from numerous nominations throughout the U.S.

Locally, Greg has served in a variety of roles on behalf of the Lehigh Valley Section. Greg was the driving force behind the resurrection of the Younger Members Forum, serving as its Chair and President during that period. He held the offices of Secretary-Elect and Secretary on the Section Board. Currently, he serves on the Student Chapter Committee and has been designated Practitioner Advisor to the Lehigh University Student Chapter. In this role, he organizes many activities for the students and is setting a high standard for others to follow.

Regionally and nationally, Greg has assumed several leadership roles related to the Younger Members Forum. Greg served as Co-Chair of the Northeast Regional Younger Member Council and served as Business Chair of the Eastern Regional Younger Member Council. These roles coincided with a recently concluded five-year term on the national Committee on Younger Members, where he served as its Chair.

Currently, Greg is a member of the Committee on Geographic Units. The award was presented to Greg in October at ASCE’s Annual Conference in Memphis, TN.

LVASCE CONTINUING EDUCATION
BY JAMES HENDRICKS, PE

Professional engineers, surveyors and geologists in Pennsylvania are required to obtain continued professional development (CPD) credit to renew their licenses in 2011. This is effective as of October 1, 2009. The specific requirements for PE’s, LS’s and PG’s are available on the Department of State’s website at for your information.

http://www.dos.state.pa.us/eng

Engineers are required to obtain twenty-four PDH units during each two year renewal period. All licensed engineers in the Commonwealth are to obtain the initial twenty-four hours by September 30, 2011. The Board has provided, that qualifying CE activities as far back as October 2009, may be submitted in meeting this requirement. 50 minutes is the minimum time needed to qualify for 1 PDH.

The Board defines qualifying CE activities and excludes “practice building” and “office management”. Asking oneself the following questions can clarify whether an attended event or seminar should be included in your PDH log. If both questions can be answered “yes”, the activity qualifies as a PDH according to Pennsylvania requirements.

1. **Does the activity (course, workshop, conference, seminar, video course, college course or lecture, etc.), maintain, improve or expand the skills and knowledge of a licensee’s professional practice?**

   This question must be answered “no” if the activity deals with practice building or office management. In other words, the activity should be related to technical topics. However, the question can be answered “yes” if the activity deals with the law and ethics of the practice.
2. **Does the activity include at least 50 minutes of instruction or presentation?**

For frequently asked questions regarding Pennsylvania requirements check the following link:


There are many activities that qualify which can be quickly accessed by engineers needing to obtain PDH’s, including informative articles in professional publications which include on-line exams. Upon successful completion of the exam, registrants can immediately download a PDH Certificate. For example, CE News recently contained a Professional Development Series article sponsored by Contech Construction with an exam.

There are many other sources of technical training that provide PDH’s. An on-line search will reveal a myriad. ASCE offers archived webinars. A few other sites are also listed below:

http://www.asce.org/archived-webinars/
http://www.pdhengineer.com/
http://www.pdhone.org/

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**A Tribute to Paul Reimer, Distinguished Engineer**

**by Kenneth A. Heaton, P.E.**

The Lehigh Valley Section of the ASCE lost a true leader and friend this past summer with the passing of Paul Reimer, Jr. in June. Paul was a lifelong resident of the Lehigh Valley having been born in North Catasauqua and attending Lehigh University where he obtained his Bachelor’s Degree and Master’s Degree. Paul was a longtime member of our local chapter and obtained the level of Fellow, the highest status that can be achieved based on his accomplishments and having a distinguished career in the practice. Paul also served as President from 1978-1979. He was Director from 1976-1977 and President Elect from 1977-1978.

Paul was president and chief engineer at Reimer and Fischer Engineering when I started work there in March of 1989. It was a good place to work and at the time was probably the largest consulting firm in the valley. I remember working with Paul on many of our projects, traveling to meetings, checking on progress of jobs, visiting with clients. Paul always was able to present himself as a knowledgeable engineer in every circumstance. He was very involved in the day-to-day activities of running the business. He always sponsored a company picnic in the summer, a Lehigh football game in the fall and a nice Christmas Party. After Reimer and Fischer broke up, at least five companies were started by former employees and three are still in business today.

Later on Paul did work for Lehigh Cement as a private consultant while I was there helping on the design and certification of large concrete storage silos. He attended the LVASCE monthly structures committee meetings until he became too ill. He was a devoted father, husband and grandfather being involved in several other community organizations. Paul was born on January 3, 1938 and passed away on Wednesday, June 22, 2011. Paul was a resident of Allentown, Pennsylvania at the time of his passing and an honors graduate of Lehigh University with a Bachelor's Degree and Master's Degree in Civil Engineering. He is survived by his wife Phyllis.

Paul’s life and career serve as an example of what can be accomplished when a person’s talent, commitment and perseverance are applied to the practice of civil engineering. The Board and members of LVASCE extend their condolences to Paul’s family as well as our appreciation for his distinguished career as a Civil Engineer and for his service with the Lehigh Valley ASCE Section. Paul’s passing was announced at the September 21st, 2011 LVASCE Dinner Meeting.
LVASCE Technical Committee Reports

Environmental & Water Resources (EWR) – Aaron Frantz: The EWR Committee sponsored the LVASCE September 21st, 2011 Dinner meeting on Marcellus Shale Drilling and Gas Production. Clayton Bubeck, PE of Rettew gave a great presentation on the subject to some 60 attendees at the Allentown Brew Works.

Structural – Cheryl Rishcoff & Transportation – Mark Roth: The upcoming October 19th LVASCE Dinner Meeting on the City of Allentown Bridges is being sponsored jointly by Structural (Joe Sirignano) and Transportation (Mark Roth). Rich Yound – Director of Public Works from the City Allentown will be guest speaker.

Geotechnical – Phil Gauffreau: Calling all Geotechnical Engineers! We are trying to kick-start the Geotechnical Group, and we need your support. We know you are out there, so let’s hear from you (and that includes other geo-professionals, geo-faculty, etc.). Based on the level of interest and participation, we believe that an active Geotechnical Group can do the following:

- **Meet semi-regularly to share new information and common experiences in the industry, both locally and throughout the profession.**
- **Provide group opportunities for continuing education (PDH’s) to satisfy PE license renewal requirements, enabling significant cost sharing.**
- **Enhance member’s public speaking and presentation skills by providing opportunities to present at dinner meetings and other events.**
- **Establish a “Geotechnical Speaker’s Bureau” to provide a pool of volunteers to speak at high schools, colleges, etc. about our profession, local projects, etc.**
- **Interact with the local Student Chapters and geotechnical engineering faculty, including volunteers to mentor students, teach short courses, proctor exams, etc.**
- **Share and distribute information about local, regional, and national geotechnical conferences, seminars, training, etc.**
- **Group access to geotechnical vendors and specialty contractors.**
- **Joint programming with the Delaware Valley Geo-Institute (DVGI) and other regional Geo-Groups.**
- **Develop a sense of camaraderie among the geotechnical professionals throughout the Section via social interaction (geotechnical engineers are social people by nature, after all).**

We want to include all Geotechnical Engineers (and other Geo-Professionals) in and near the Lehigh Valley Section, including those practicing throughout Northeast PA. Please contact Phil Gauffreau at pgauffreau@nthconsultants.com to express your interest in being part of the Geotechnical Group and to be included on our e-mail list. Provide any ideas or comments to me as well. Also, please attend as many of the Section dinner meetings and other events as you can to discuss these ideas in person. Once we have a core group established, we will schedule an organizational meeting to kick things off.

The ultimate goal is to have an active Geotechnical Group that will warrant status as a Geo-Institute Chapter within ASCE.
Legislative Affairs Committee — Peter Terry

Tell Our Elected Officials How You Want Transportation Infrastructure Funded

Do you support the findings of the Pennsylvania Transportation Funding Commission? On August 2, 2011 the Commission released their report recommending a wide array of options for funding Pennsylvania’s transportation infrastructure. It is expected that later this month the Governor will release his position on the report. The Commission recommends a number of cost cutting measures such as less frequent renewal of driver’s licenses and an increased interval for inspection of newer vehicles. The recommended revenue enhancements include uncapping the fuel franchise tax, shifting the cost for the state police to the general fund, and increasing vehicle registration fees. Please check out the details of the report at www.tfac.pa.gov and contact the governor, your state representative, and your state senator. It is expected that the governor will release his position on the Commission report in mid to late September. You can use ASCE’s Key Contact Program to reach your State Elected Officials or contact them directly. If you chose not to contact your elected officials remember that many other people will. Many of them will not share your concern for the condition of our transportation infrastructure. It is truly the time to act. If you have any questions please do not hesitate to contact Pete Terry (peter.terry@bencivil.com) your Lehigh Valley Section ASCE Legislative Affairs Committee Chair.

LVRIPi - Lehigh Valley Infrastructure Report Card

by Bill MacNair

Infrastructure continues to get high-level coverage in the press and as a key part of many of the stimulus or job creation proposals being developed by the President to address the economy. Civil Engineers and ASCE are being asked about the infrastructure and ASCE figures on the cost of infrastructure are frequently quoted. The Lehigh Valley Section has been actively working on the LVRIPi for the last year. We have been active in Harrisburg as well as local political arenas. We have the opportunity to become an effective voice in shaping the infrastructure debate in the Lehigh Valley, Pennsylvania and the nation! Our program has been developed to help give us the information we need to generate a consensus on what needs to be done. We now need to complete the regional infrastructure inventory so we can help public officials with the definition of the issue and possible solutions to our decaying infrastructure!

Check out www.lvasce.org under “Resources” and LVRIPi to find out what we are doing for the Lehigh Valley infrastructure. We have begun the Lehigh Valley inventory process. We need your help to complete the inventory for our communities. About 25% of the Lehigh Valley is covered by volunteers now. You can help us finish this sooner!

The American Society of Civil Engineers have been working for the past 10 years to increase public awareness of the importance of our Infrastructure and how it effects our quality of life, economic competitiveness, public safety, and environmental quality. ASCE has been issuing a national and state infrastructure report card that shows we as a nation are not doing the necessary maintenance, repair, and replacement of our existing infrastructure as well as not investing in critically needed new infrastructure. As a follow up to the ASCE National and State Report Cards, the LV Section has begun a Regional LV Infrastructure Report Card. The focus of the LV Report Card effort will be to identify what funds are needed to
properly maintain, repair and replace Lehigh Valley infrastructure. In addition, the LV Section hosted three forums in 2010-2011 and is planning a one-day Lehigh Valley Infrastructure Stakeholder conference in July 2012. Details of the project are located on the web page.

ATTENTION:
The October Dinner Meeting was canceled due to a death in our speaker’s family.
The Dinner Meeting will be rescheduled in January.
More details will be announced when the date is confirmed.

LVRIPI – SUSTAINABLE REGIONAL INFRASTRUCTURE PLANNING

by Bill MacNair

LEHIGH VALLEY 2050 – A REGIONAL INFRASTRUCTURE SUSTAINABILITY PLAN

A key component of the LVRIPI project is to recommend a framework for regional infrastructure planning through the use of the currently existing LV Municipal Planning Organization (MPO). The formation of an environmental – water resources regional planning committee is being evaluated that would work together with the existing transportation committee to review and prioritize water-sewer-stormwater-flood control projects. As a first step, we will be proposing development of a long range sustainability plan similar to that recently completed in the State of Hawaii. The following is the definition is the foundation of Hawai‘i 2050. It represents the beginning of a shared vocabulary about sustainability and achieves the following:

- Respects the culture, character, beauty and history of the state (Lehigh Valley)
- Strikes a balance among economic, social and community, and environmental priorities
- Meets the needs of the present without compromising the ability of future generations to meet their own needs


LEHIGH VALLEY INFRASTRUCTURE STAKEHOLDER CONFERENCE
JULY 2012 (DETAILS TO FOLLOW ON THE LVASCE WEBSITE)
**NOT GETTING OUR E-MAILS??**

Don’t Forget to Update your ASCE Contact Information with National and renew your ASCE Dues!

http://asce.org

Our email database comes from the information you provide to ASCE National

**UPDATE YOUR ACCOUNT TODAY!**

Our e-mails provide up-to-date information on upcoming events

**WANT TO ADVERTISE WITH LVASCE?**

Contact:
Michael Paquette, P.E., M. ASCE
mpaquette@langan.com
610-984-8500

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**ATTENTION!!**

Now taking sponsors for 2011-2012 (Newsletter and Website)

**Dinner Meeting Sponsor Slide Show**
- During Cash Bar & Dinner

LVASCE 2011-2011 Program CD
(Sponsor Slides, Speaker PPT’s)

*Sponsor a LVASCE Meeting ($150 for a Display Table)*

Job Postings

Other Announcements to our Members
Nothing is so inspiring as seeing big works well laid out and planned and a real engineering organisation.
- Frederick Handley Page -

Architects and engineers are among the most fortunate of men since they build their own monuments with public consent, public approval and often public money.
- John Prebble -
LVASCE WILL SPONSOR SPRING PE REVIEW WEBINARS

LVASCE will be sponsoring the 16 part series live PE Review Webinar offered by ASCE National in the spring. These will be offered at a discounted rate to members. Unfortunately, we were unable to host the live webinars this fall. We appreciate the patience and understanding of those individual that had expressed an interest. Stay tuned for more information in the spring.

The Lehigh Valley Chapter of ASCE thanks our Sponsors for the 2011 Year:

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To become a Sponsor of LV-ASCE, please contact the Chapter Secretary,

Michael Paquette <mpaquette@langan.com>

ASCE President-Elect Releases Statement on President Obama’s Jobs Speech

Statement of ASCE President-Elect Andrew W. Herrmann, P.E., SECB, F. ASCE on President Barack Obama’s Jobs Speech:

“Tonight, President Obama made clear his commitment to investing in our nation’s infrastructure and the importance of such an effort to America’s economy and international competitiveness.

“ASCE is heartened by the President’s call to invest more than $90 billion in America’s infrastructure, and his recognition that these critical funds will improve lives while at the same time creating thousands of jobs. We believe, as the President said tonight, that a “world class infrastructure” is what made America great. Reinvesting in that infrastructure can support a return to U.S. prosperity.

“These are hugely important investments. Repairing crumbling transportation infrastructure will not only make for safer, less congested roads, but will also protect millions of jobs and create a more efficient, competitive U.S. economy. At a time when spending cuts and deficit reduction are a top priority, we cannot overlook the importance of making these investments strategically and with an eye towards budget neutrality.

“ASCE’s recent Failure to Act study found that even current investment levels in transportation infrastructure will cost the American economy more than 870,000 jobs and suppress the growth of the country’s Gross Domestic Product by almost $900 billion by the year 2020.

“The President has shown strong support for the families, workers and businesses that depend on the nation’s transportation networks every day. ASCE stands ready to work with the Administration and Congress to ensure that additional funding is available to strengthen this crucial infrastructure – and restore our nation’s economic vitality.”
LV-ASCE November Section Meeting Announcement
Lehigh Valley Section of the
American Society of Civil Engineers

Redevelopment of the Bethlehem Steel Brownfields Property
Environmental and Geotechnical Perspectives
Sponsors: Lehigh Valley Land Recycling Initiative (LVLRI) – Holly Edinger, Director
EKMLLC - Mike Perlow, President

When: Wednesday, November 16, 2011
Where: Allentown Brew Works

Cost: $30.00
$10.00 for students
(Please consider “sponsoring” a student for the $20 differential cost)

Social Hour: 5:30 pm-6:30 pm (cash bar)
Dinner: 6:30 pm - 7:30 pm (Select a dinner choice when you RSVP)
Sliced Sirloin au Jus *
Chicken Piccata *
Sautéed Chicken Breast with Capers, and diced tomatoes
Pasta Primavera
Pasta with fresh vegetables and cherry tomatoes, garlic, and olive oil

* Served with Garlic Mashed Potatoes, Caesar Salad, Rolls & Butter, Coffee, Decaf, Hot Tea

Program: 7:30 pm
Redevelopment of the Bethlehem Steel Brownfields Property

Environmental Management – William K. Ahlert, Ph.D., HDR, Vice President
Geotechnical Case Histories – Philip E. Gauffreau, P.E., NTH Consultants, Ltd., Vice President

Reservations: Please make reservations NO LATER THAN by Monday, November 14, 2011 by contacting Michael Perlow at mike@michaelperlowlr.com

Cancellations must be received by the RSVP deadline, or you will be billed for the full cost.

LV ASCE will be providing Professional Development Hour (PDH) certificates for this event to assist with the continuing education requirements enacted by the PA State Board. The program may or may not qualify as a PDH, depending on your state of licensure.

See the Chapter website at http://www.lvasce.org for more information on the chapter’s programs and news/events articles.
American Society of Civil Engineers
Lehigh Valley Section Holiday Banquet

Please join us at our Annual Holiday Banquet as the
the Lehigh Valley Section of ASCE presents:

Anthony Fasano, P.E., LEED AP, ACC - Engineering Your Own Success

Mr. Fasano will be sharing his keys to success as a civil engineer. He is the founder of Powerful Purpose Associates, bestselling author, coach & speaker as well as a graduate of Lafayette College. His bestselling book "Engineer Your Own Success: 7 Key Elements to Creating an Extraordinary Engineering Career" can be preordered at http://powerfulpurposeassociates.com/paascw for a discounted rate and will be made available at the event.

Thursday, December 8, 2011

Hotel Bethlehem - Mural Ballroom
437 Main Street
Bethlehem, PA 18018

Schedule
Social Hour - 6:00 pm to 7:00 pm
Dinner - 7:00 pm to 8:00 pm
Program - 8:00 pm to 9:00 pm

Cost: $45 per person/$80 per couple, $20 per student
There will be a charge for cancellations after the RSVP deadline.
(Please consider sponsoring a student for the $25 difference)

Menu:
Soup du Jour and Salad Station
Roast Sirloin with Red Wine Demi Glaze
Pan Seared Salmon
Roasted Redskin Potatoes
Fresh Garden Vegetables
Assorted Cakes & Pastries, Coffee and Tea

Vegetarian option available (must be specified in RSVP)

Cash Bar & Traditional Holiday Music

RSVP: Please let us know if you will be joining us no later than Thursday,
December 1, 2011 by contacting Tim Kramer by phone at 484-221-6789, or by e-
mail at tkramer@benesch.com
Are you scheduled for the April 13, 2012 P.E. exam?

Are you an employer with E.I.S or E.I.T.s who are scheduled for the April P.E. exam?

Then you should know

The Lehigh Valley Section of ASCE is hosting ASCE’s P.E. Exam Review Courses

Right here in the Lehigh Valley!!

For the benefit of LV Section members and any others who are interested, LV ASCE has made arrangements to host live P.E. Exam Review Courses, sponsored by ASCE National, For the 16 part series P.E. Civil Exam which includes the 4 in-depth sessions.

The sessions are given on Tuesday and Thursday afternoons from 3:00 PM to 5:00 PM February 14, 2012 through March 29, 2012

RETTEW’s Lehigh Valley Office
941 Marcon Boulevard, Suite 801, Allentown, PA 18109.

Cost is $260.00 for ASCE members (which, if you’ve shopped around, is a darn good deal!) $300.00 for non-members of ASCE

The following Course descriptions were excerpted from the ASCE website (www.ASCE.org):

ASCE’s live P.E. Civil Exam Review Course on the web is a proven way to help you prepare for and pass the P.E. Civil Exam. Taught by a team of experienced P.E. Exam Review instructors, the course will be presented as a series of 16 two-hour modules held over a seven-week period. This 16-Part Series includes Four Depth Sessions covering Geotechnical, Structures, Transportation, and Water Resources. The review course will focus on:

• Topics and material that have a high probability of being included on the exam based on instructor knowledge and opinion
• Solving practice problems and providing immediate feedback

Please RSVP Jim Hendricks at jhendricks@rettew.com.

Seats are limited so please RSVP soon.
is a unique partnership of schools and universities, architects, engineers, construction companies, professional organizations, and related corporations.

These community minded companies all share the desire to provide career direction to interested high school students. The companies donate the time of selected employees, who serve as mentors, and other resources on an as needed basis.

ACE makes a special attempt to reach students that otherwise may not become aware of the challenges and rewards of a career in the design and construction industry, and to reach them while they still have an opportunity to alter their course of study.

The companies join into teams and "adopt" a group of twenty to thirty high school students for the duration of a school year and meet with them on a bi-weekly basis. The teams are organized such that they contain firms from complementary disciplines, thereby exposing the students to a wide range of fields. This enables us to offer hands on design experience in a project selected by the student team members.

The Lehigh Valley ACE Mentor Program is searching for area professionals for the 2011-12 school year. If you would like more information or would like to participate in this year’s program, please contact Jason Engelhardt (Langan Engineering) at (610) 984-8500 or jengelhardt@langan.com.

For more information on ACE, please visit: http://www.acementor.org/
Pennsylvania Continuing Education Clarification

The Counsel for the PA State Registration Board for Professional Engineers, Land Surveyors and Geologists has confirmed that up to 12 qualifying and documented PDH units from the prior biennial renewal period of 10/1/7 to 9/30/9 can be carried forward to the current biennial renewal period of 10/1/9 to 9/30/11. This is in accordance with Section 4.5.c of the registration law which states “...a maximum of twelve PDH units may be carried forward into the subsequent renewal period”.

"Engineering is a great profession. There is the fascination of watching a figment of the imagination emerge through the aid of science to a plan on paper. Then it moves to realization in stone or metal or energy. Then it brings homes to men or women. Then it elevates the standard of living and adds to the comforts of life. This is the engineer's high privilege.”
- Herbert Hoover.
A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few original ideas as possible.

-Freeman Dyson
Not Getting our Emails??
Make sure to update your contact information when you renew your ASCE Membership!