



Valley Engineer Newsletter

April, 2014

UPCOMING PROGRAMS

- May 8 – Banquet, Desales University
- May 22 – Lehigh Valley Health Network, joint event with DVGBC
- June 5 – IronPigs tour followed by game
- July 1-6 NSPS Annual Meeting, Grand Hyatt, Washington DC
- September 17 – 19 PSPE Conference, Holiday Inn, Fogelsville



**PENNSYLVANIA SOCIETY
OF
PROFESSIONAL ENGINEERS**

**LEHIGH VALLEY CHAPTER
(ORGANIZED 1935)**

CARBON, LEHIGH, MONROE, & NORTHAMPTON COUNTIES

PRESIDENT'S MESSAGE

Kevin T. Campbell, PE, LEED AP

The Lehigh Valley Chapter, Pennsylvania Society of Professional Engineers 2014 Annual Awards Dinner will be held on May 8, 2014, to celebrate the accomplishments of the past year, give out college scholarships to local high school seniors, and install the officers for next year.

The venue again will be the University Center of DeSales University, Center Valley, PA. The amenities and hospitality of DeSales are unsurpassed. The event will begin at 6:00 PM with an open bar, followed by dinner. All members and guests are welcome. Please go to our website, www.lvpspe.org for registration.

We can look back at our accomplishments of the past year with pride. Members of our Chapter are well represented at the State level. Our Eric Tappert, PE is President Elect, Peter Staffeld, PhD, PE is State Treasurer, and Joe McCarthy, PE is Vice President Northeast Region. Further, Peter has been named an NSPE Fellow. Quite an accomplishment for our Chapter!

At the State Conference last September our Chapter received the Communications Award, thanks to Peter Staffeld, PhD, PE for his work on our website and Alfred Gruenke, PE for the Newsletter. This year we will be applying for the 2014 Chapter Outstanding

Program Award, to be awarded at the State PSPE Conference in September. This event will be held at the Holiday Inn in Fogelsville September 17-19. I urge all engineers to attend, to familiarize themselves with the workings of the state PSPE, and avail themselves of the PDH opportunities.

Our service to the Engineering community and to the community at large continues. We have awarded over 200 PDH certificates to attendees of our monthly tours. It is possible to satisfy almost all the PDH requirements merely by attending these offerings!

But it is our service to the community which fills me, and the Chapter, with particular pride. Our 30th annual MATHCOUNTS was attended by over 250 middle school students from 25 area schools. It always thrills me to be associated with such exceptional children. I expect to meet many of these competitors again when we award our annual engineering scholarships.

One of the purposes of our Annual Banquet is to award scholarships to four outstanding young men and women who are enrolled in the engineering curriculum at a college or university. This year our engineering scholarships has been increased to \$2,000.00 per individual. Our thanks to Scholarship Committee members Al Dezubay, Nicole Gasda, and Angelika Forndran, and to Alfred Gruenke for his fundraising efforts.

This event marks my first year as President of this Chapter. It's been a good year in all areas except one. Our membership efforts have not been successful, thus will continue to be our primary focus in the coming years. I beseech all of you to assist in our membership efforts. Talk up engineering, talk up PE licensing, talk up NSPE membership, talk up LVPSPE membership. Our officers, board members, and committee members have served us well; it's time to replace them.

In conclusion, I would like to thank all of you for the support you have given me, and to the Chapter. Enjoy the rest of our scheduled activities and your summer. And especially enjoy May 8th. Hope to see all of you there.

DORNEY PARK TOUR

Alfred Gruenke, PE

Dorney Park has been an Allentown and Lehigh Valley institution for over one hundred years. For many of us who grew up in Allentown and its surroundings, Dorney Park is iconic; the maker of many fond memories from childhood to adulthood. The various rides from the wooden roller coaster, the Dentzel Merry-Go-Round, to the Mill Chute, were rites of passage to thousands.

While many of the older rides have been replaced by new, high-tech rides that test engineering and human limits, the wooden roller coaster, "The Whip" and the Zephyr remain.

Most of us associate "high tech" with computers, robotics, or bioengineering; but there is another front in the advancement of science and engineering. On a chilly evening in March, over thirty members of the Lehigh Valley Chapter, Pennsylvania Society of Professional Engineers and guests were the guests of Brad Nesland, Vice President of Maintenance & Construction for Dorney Park and Wildwater Kingdom. Brad presented a PowerPoint presentation detailing the intricacies and complexities associated with modern amusement rides.

All amusement rides in Pennsylvania have to be approved by the Pennsylvania Department of Agriculture Ride Advisory Board. Each ride has to be inspected every 30 days by a State Certified Inspector before its use is approved. The Dorney Park inspectors are their own mechanics, all of whom are State Certified.

A surprise for many of us is that standards for the manufacture, maintenance, and operation of amusement rides are established by the American Society for Testing and Materials (ASTM) Volume 15.07; "Amusement Rides and Devices — guides and practices on the design, manufacture, inspection, and maintenance of amusement rides and devices. This volume also features the new ASTM standard on the classification, design, manufacture, construction, and operation of water slide systems."

During the operating season each ride is subjected to daily inspections, plus a rigorous inspection every 30 days by a certified mechanic who is a specialist on that particular ride. Also, the operators are trained to perform inspections. Brad has a staff of full time mechanics plus seasonal workers. Carpenters and electricians round out his team

It is during the winter shutdown that there is rigorous inspection and repair. There is a lot of non-destructive testing on components utilizing X-rays, gamma rays, plus visual inspection of all components. When any fastener on some rides are removed, they are replaced with new ones and torqued to specifications. This ensures that fastener failures are eliminated.

Brad took the members on a detailed tour of the ride "Possessed" which utilizes suspended linear induction impulse motors to accelerate the cars from zero to seventy mph, and to smoothly slow it down to a stop. A 6,000 amp 480 volt pulse width modulated drive is the source of power for this ride. The drive and controls fill both sides of a 50 foot long room next to the ride. The manufacturer is Intamin, AG of Switzerland. The cars rise 184 feet vertically up one tower with a 360° twist, reverses, and then rises 184 feet to the top of another tower and a 90° twist. The ride duration is one minute.

Not for the faint-hearted. The yellow track and the turquoise supports are clearly visible from Route 222, next to the Park.



Brad Nesland explaining the intricacies of the high-tech amusement ride, "Possessed".



"Possessed" in the foreground. "Steel Force" is in the background.

To ensure the safety of patrons in the event there is an emergency anywhere in the park,

Continued on page 15

SCHOLARSHIP SPONSORS

A great way to be involved in the LVPSPE Chapter is to contribute to the **LVPSPE SCHOLARSHIP FUND**. Please Contact the Valley Engineer Editor to sponsor scholarships for the remainder of the calendar year.

If you would like to contribute in any amount – please send your TAX DEDUCTIBLE donation to “Pennsylvania Engineering Foundation” or “PEF”. Donations should be mailed to:

Peter O. Staffeld, PhD, PE
P.O. Box 241
Center Valley, PA 18034

Please note “LVPSPE Scholarship Fund” on the comment line.

Or, you may contribute via the LVPSPE website <http://www.lvpspe.org/Donations>.

PSPE SCHOLARSHIPS

The Pennsylvania Engineering Foundation currently administers the following scholarships for engineering students:

Undergraduate

- \$2,000 PEF Grant
- \$1,000 Harrisburg Chapter PSPE Grant
- \$1,000 Professional Engineers in Private Practice Grant

Upperclassman

- \$2,000 Pennsylvania Engineering Foundation Grant

Applications and guidelines are on-line now at <http://www.pspe.org/scholarships>

2013 – 2014 LVPSPE SCHOLARSHIP DONORS

Graduate

FLSmith Inc.
 Bethlehem, PA
 Lutron Electronics Co., Inc
 Coopersburg, PA
 Victaulic Company
 Easton, PA

Senior

The Pidcock Company
 Allentown, PA
 Bridge Gap Engineering
 Northampton, PA

Junior

Staffeld Engineering Services
 Center Valley, PA
 Hanover Engineering Associates
 Bethlehem, PA
 Barry Isett & Associates
 Allentown, PA

Sophomore


Kohn Engineering
 Macungie, PA
 Civil & Forensic Engineering
 Bethlehem, PA
 Monarch Precast Concrete Corporation
 Allentown, PA
 Keystone Consulting Engineers
 Bethlehem, Wescosville, Kresgeville, PA
 Newton Engineering
 Allentown, PA
 McTish, Kunkle & Associates
 Allentown, PA
 Peak Technical Staffing
 Horsham, PA

Freshman

North Star Construction Management Inc.
 William A. Erdman
 Alfred Gruenke
 Grayson McNair, PE

Johann F. Szautner, D.I., P.E., P.L.S.

CIVIL & FORENSIC ENGINEERING



FOCUS ON
RESULTS!!!

1775 Euclid Avenue
Bethlehem, PA 18018-2112

Phone: 610 216 3918
forensicengineerszautner@verizon.net

MONARCH
PRECAST CONCRETE CORPORATION

Paul L. Stein, Jr.

425 North Dauphin Street
Allentown, Pa 18109-2199



Phone: 610-435-6746
Fax: 610-437-7133
pstein@monarchprecast.com
www.monarchprecast.com

McTish, Kunkel & Associates
Civil Engineering & Environmental Services

“Serving the Lehigh Valley for Over 38 Years!”

**3500 Winchester Road, Suite 300
Allentown, PA 18104
P: 610.841.2700
www.mctish.com**

Additional Offices in Pittsburgh & Montoursville



**STAFFELD
ENGINEERING
SERVICES**

Staffeld Engineering Services (SES) provides business and engineering consulting services, primarily to chemical and manufacturing companies.

We develop and implement economical solutions for a wide range of manufacturing and technical issues. SES offers the following services:

- Process Troubleshooting
- Process Improvements
- Equipment Specifications
- Modeling & Optimization
- Project Economics
- Technical Training Services

Scan the QR code below to visit our website (www.staffeld.com) for more information.



STAFFELD ENGINEERING SERVICES
Post Office Box 241
Center Valley, PA 18034-0241

www.staffeld.com

1-855-STAFFELD
peter@staffeld.com

Engineering firm of choice since 1972



www.KeystoneConsultingEngineers.com

Three Regional Locations

East Office
Bethlehem, PA
610-865-4555

West Office
Wescosville, PA
610-395-0971

North Office
Kresgeville, PA
610-681-5233

Grayson McNair, PE

Hanover

Engineering Associates Inc

Civil, Municipal & Planning, Structural, Surveying, Environmental, Transportation, Utility Line Permitting

Bethlehem Office
 252 Brodhead Road, Suite 100, Bethlehem, PA 18017-8944
 610.691.5644 • Fax 610.691.6968
www.hanovereng.com

Providing customized, timely service and one-on-one, personal attention to our clients in a variety of Environmental and Engineering Services:

- ⊕ Municipal & Planning
- ⊕ Land Development
- ⊕ Structural
- ⊕ Surveying
- ⊕ Wetland Consulting
- ⊕ Wastewater
- ⊕ Water Supply
- ⊕ CAD/GIS/GPS
- ⊕ Stormwater Management
- ⊕ Traffic/Transportation
- ⊕ Lake Management
- ⊕ Watershed Management
- ⊕ Onlot Sewage
- ⊕ Soils Investigation
- ⊕ Geology
- ⊕ Hydrogeology

Proudly serving our Clients and Communities for over 40 years with additional Offices located in Allentown, Lancaster, Elizabethtown, Poconos, Towanda, Wellsboro, and New Castle in P.A, and Canton Ohio



BARRY ISETT & ASSOCIATES

Multidiscipline Engineers & Consultants

www.barryisett.com

Civil | Land Planning & Development | Survey | Code Review
 Structural | Mechanical | Electrical | Plumbing | Facilities Services
 Construction Services | Waste & Waste Water | Municipal
 Landscape Architecture | Parks & Planning | Grants | Forensics
 Environmental | Traffic Planning | Geological Services

Allentown • Phoenixville • Hazleton PA

Philipsburg, NJ

**In proud support of the LV PSPE
 Scholarship Program**



newton
ENGINEERING

TRAFFIC, SURVEYING AND DEVELOPMENT PROFESSIONALS

TRAFFIC, TRANSPORTATION & HIGHWAY
 - Highway Occupancy Permits
 - Highway and Driveway Design
 - Traffic Counts, Analysis & Projections
 - Traffic Impact Studies

LAND DEVELOPMENT & SUBDIVISION
 - Subdivision Layout and Design
 - Land Development Engineering
 - Sketch and Concept Plans

PRECISION SURVEY
 - Boundary Surveys
 - Topographic Surveys
 - Construction Stake-Out
 - As-Built Plans

PROFESSIONAL, CPESC & CPSWQ CERTIFIED
 - Professional Civil Engineers
 - Professional Surveyors
 - Professional Traffic Operation Engineers
 - Certified Stormwater Quality Professionals
 - Certified Erosion & Sedimentation Professionals

- Tomorrow's Engineering Solutions Today -



www.newtonengineering.us
 Suite 212, Zack Building
 6235 Hamilton Blvd. Allentown, PA 18106
 (p) 610-366-0060 (f) 610-366-7818
 (e) info@newtonengineering.us

PROUD MEMBERS OF: 



Minuteman Press

*Design • Print • Copy • Posters • EDDM
 Mailing Services • Promo Products • Post Office*

BLUEPRINTS
 New Service! **\$1.50** D Size Prints

ALLENTOWN 1801 West Tilghman Street Allentown, PA 18104 484.223.3311 M-F 8am-6pm Sat 8am-2pm	BETHLEHEM 123 East Broad Street Bethlehem, PA 18018 610.865.9946 M-F 7:30am-5:30pm
EASTON 661 South 25th Street Easton, PA 18045 610.923.9266 M-F 8am-6pm Sat 8am-2pm	DESALES UNIVERSITY 2755 Station Ave Center Valley, PA 18034 610.282.1100 x1201 M-Th 9am-5pm Sat 9am-4pm

WWW.MMPLV.COM

 **UNITED STATES POSTAL SERVICE** **FULL SERVICE CONTRACT UNITS**

NOW AT OUR ALLENTOWN & EASTON STORES

William A. Erdman, PE

Alfred Gruenke, PE

THE PIDCOCK COMPANY

CIVIL ENGINEERING
LAND PLANNING
ARCHITECTURE
LAND SURVEYING

FOUNDED 1924

Oxford Drive at Fish Hatchery Road
2451 Parkwood Drive
Allentown, Pennsylvania
18103-9608

TELEPHONE: 610-791-2252
TELEFACSIMILE: 610-791-1256
EMAIL: info@pidcockcompany.com
WEBSITE: www.pidcockcompany.com



**KOHN
ENGINEERING**

FIRE PROTECTION CONSULTING

Donald J. Kohn, P.E.
Principal

4220 Mountain Road
Macungie, PA 18062

KohnEngineering@ptd.net www.KohnEngineering.com

Phone 610-967-4766 Fax: 610-967-6468

*Bridging the World
through Relationships of Trust*



Bridge Gap Engineering is an agile and highly responsive engineering company lead by a uniquely diverse team of trusted cement and minerals industry experts. Based on service, solutions and relationships, Bridge Gap Engineering is a learning organization focused on knowing our customers and their changing needs in the 21st Century. Our experience spans decades and our knowledge spans multiple industries encompassing plant design, process design, and plant maintenance and operations.

Local Presence
GLOBAL REACH

Peter Paone, PE
Chief Operating Officer
Emissions and Pyroprocessing Technology Specialist

Bridge Gap Engineering, LLC
1717 Main Street
Northampton, PA 18067 USA
www.bridgegapengineering.com

Mobile: +1 (610) 597-2381
Office: +1 (215) 325-1303
Fax: +1 (215) 525-2736
Peter.Paone@bridgegapengineering.com



PEAK TECHNICAL STAFFING USA
Engineering Talent. Guaranteed.

Rob Cleland
VICE PRESIDENT - NORTHEAST REGION

215.586.3600 866.234.PEAK (7325) cel 267.221.2038
robcleland@peaktechnical.com www.peaktechnical.com
601 DRESHER ROAD, SUITE 250, HORSHAM, PA 19044



NORTH STAR
Construction Management, Inc.



Develop Your Career with Us

“I’ve been a part of Lutron for 3 1/2 years.”

Jamie McMahon (Electrical Engineering Major)
Design and Development Engineer

At Lutron, we’ve been designing and manufacturing energy-saving light control solutions since 1961.

Our success depends on your success. Join Lutron’s Innovation Leadership Program and you’ll develop the skills and knowledge needed to win in the world of innovation.

- Immediately join an engineering development team
- Receive formal mentor support
- Collaborate regularly with business unit managers and directors
- Acquire real-world experience through field assignments
- Foster relationships with Lutron’s global customers

Key opportunities include:

- Engineering**—Electrical, Mechanical, Computer, Software, Manufacturing, Industrial, Architectural
- Science**—Physics, Chemistry, Math

Opportunities are also available in sales leadership and field engineering leadership—**hiring all majors.**



To learn more about how you can be a part of our future visit

www.lutron.com/careers



▲ Dynamic keypad in Black



©2012 Lutron Electronics Co., Inc. | PIN 368-2717 REV/B

Proud to Honor our Engineers in the Lehigh Valley & Around the Globe



Engineering is what we do at FLSmidth. As a world leader in providing equipment and services to the cement and minerals industries, our success begins with our engineers who plan and design the systems and equipment for which our customers rely.

2040 Avenue C · Bethlehem, PA 18017 · www.flsmidth.com

Internet Addresses

National Society of Professional Engineers

www.NSPE.org

Pennsylvania Society of Professional Engineers

www.PSPE.org

Lehigh Valley Chapter – PSPE

www.LVPSPE.org

2013 – 2014 State Officers

State Director

Angelika Forndran, PE
StateDirector@LVPSPE.org
215-536-7075

Alt. State Director

Mike Basta PE
AltStateDirector@LVPSPE.org
610-767-1617

VP Northeast:

Joseph B. McCarthey PE
StateVP@LVPSPE.org
610-868-8492

Board of Direction Meetings

The monthly Board of Direction meetings are 6:00 PM on the second (2nd) Monday of each month. Open to all members; they are held at the office of Barry Isett & Associates, 85 South Route 100, Allentown, PA.

2013–2014 Chapter Officers

President:

Kevin T. Campbell, PE, LEED AP
President@LVPSPE.org 610-398-0904

Vice President:

Alfred Gruenke, PE
VicePresident@LVPSPE.org 610-395-6561

Secretary:

Chris Williams, PE
Secretary@LVPSPE.org 610-398-0904

Treasurer:

Ray Szczucki, PE
Treasurer@LVPSPE.org 610-614-1245

Immediate Past President:

Peter Staffeld, PhD, PE
PastPresident@LVPSPE.org 484-264-7885

Chapter Directors:

Don Kohn, PE
Directors@LVPSPE.org 610-967-4766

Nicole Gasda, PE
Directors@LVPSPE.org

Al Dezubay, PE
Directors@LVPSPE.org 610-597-2007

LEHIGH VALLEY CHAPTER 2013 MATHCOUNTS CONTRIBUTORS

ADVANTAGE
ENGINEERS
your engineering advantage



Providing timely, professional, cost effective
Design & Construction Phase Geotechnical Services
for over 1,300 projects and counting.

6520 Stonegate Drive, #110
Allentown, PA 18106 • (610) 366-7120

*Serving the Mid-Atlantic Region from 5 offices in
Pennsylvania, Maryland, and New Jersey*
www.advantageengineers.com

Engineering firm of choice since 1972

KCE
KEYSTONE
CONSULTING
ENGINEERS

Three Regional Locations

East Office
Bethlehem, PA
610-865-4555

West Office
Wescosville, PA
610-395-0971

North Office
Kresgeville, PA
610-681-5233

www.KeystoneConsultingEngineers.com



THE MORNING CALL

LEHIGH VALLEY | 610.398.0904
VALLEY FORGE | 610.935.2175
NORTHERN PA | 570.455.2999
NEW JERSEY | 908.454.9500

Integrity Ownership Trust

Thank you BIA Staff Members for making
Barry Isett & Associates one of the
Lehigh Valley's Top Workplaces



BARRY ISETT & ASSOCIATES

Multidiscipline Engineers & Consultants

Civil | Land Planning & Development | Survey | Code Review
Structural | Mechanical | Electrical | Plumbing | Facilities Services
Construction Services | Water & Waste Water | Municipal
Landscape Architecture | Parks & Planning | Grants | Forensics
Environmental | Traffic Planning | Geological Services

www.barryisett.com

MONARCH
PRECAST CONCRETE CORPORATION

Paul L. Stein, Jr.

425 North Dauphin Street
Allentown, Pa 18109-2199

Phone: 610-435-6746
Fax: 610-437-7133

pstein@monarchprecast.com



www.monarchprecast.com



Engineers, environmental consultants, surveyors, site designers, and safety advisors committed to sustainable development and resource conservation.

Charles Myers
 Director of Energy & Environmental Services
 cmyers@rettew.com
 610-866-8330

1-800-738-8395

www.rettew.com | [f](#) [in](#) [t](#)

PENNSYLVANIA

Athens • Lancaster • Lehigh Valley
 Mechanicsburg • Pittsburgh
 Schuylkill Haven • Williamsport

MP Minuteman Press
 Design • Print • Copy • Posters • EDDM
 Mailing Services • Promo Products • Post Office

BLUEPRINTS
 New Service! **\$1.50** D Size Prints

ALLENTOWN
 1801 West Tilghman Street
 Allentown, PA 18104
 484.223.3311
 M-F 8am-6pm Sat 8am-2pm

BETHLEHEM
 123 East Broad Street
 Bethlehem, PA 18018
 610.865.9946
 M-F 7:30am-5:30pm

EASTON
 661 South 25th Street
 Easton, PA 18045
 610.923.9266
 M-F 8am-6pm Sat 8am-2pm

DESALES UNIVERSITY
 2755 Station Ave
 Center Valley, PA 18034
 610.262.1100 x1201
 M-Th 9am-5pm Sat 9am-4pm

WWW.MMPLV.COM

UNITED STATES POSTAL SERVICE. FULL SERVICE CONTRACT UNITS
 NOW AT OUR ALLENTOWN & EASTON STORES

Enhancing the Quality of Life

Our work enhances the quality of life for our clients, our employees, and the people touched by our work. It touches this generation and future generations. We celebrate the earth everyday with our approach to operations and the application of green solutions and sustainable designs. Always using our minds. **Always thinking ahead.**

Engineering and Environmental Services

- Facility and Site Engineering
- Municipal Engineering and Planning
- Site Assessments and Brownfield Services
- Land and Building Survey and Data Capture
- Water and Wastewater Engineering
- Architectural Engineering
- Water Resources



READING | LEHIGH VALLEY | HARRISBURG | YORK

Angelika Forndran PE

Hanover

Engineering Associates Inc

Civil, Municipal & Planning, Structural, Surveying, Environmental, Transportation, Utility Line Permitting

252 Brodhead Road, Suite 100, Bethlehem, PA 18017
 610.691.5644 • Fax 610.691.6968

www.hanovereng.com

Additional Offices located in Allentown, Poconos, Lancaster-Lebanon, Elizabethtown, Towanda, Wellsboro, and New Castle in Pennsylvania, and Canton Ohio



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

PROVIDING ENGINEERING SERVICES SINCE 1966

- Construction Services
- Energy & Sustainability
- Environmental
- Geotechnical
- Laboratory Testing
- Landscape Architecture
- Materials Testing & Inspection
- MEP
- Municipal Planning
- Site Design
- Structural
- Survey & Geomatics
- Transportation
- Water/Wastewater



2041 Avenue C, Suite 100, Bethlehem, PA 18017
610-231-0600 | www.pennoni.com

Siemens makes buildings comfortable, safe, secure and less costly to operate.

Visit us on the web at:
usa.siemens.com/buildingtechnologies

Siemens Industry, Inc.
Building Technologies
1450 Union Meeting Road
Blue Bell, PA 19422

215.654.8040

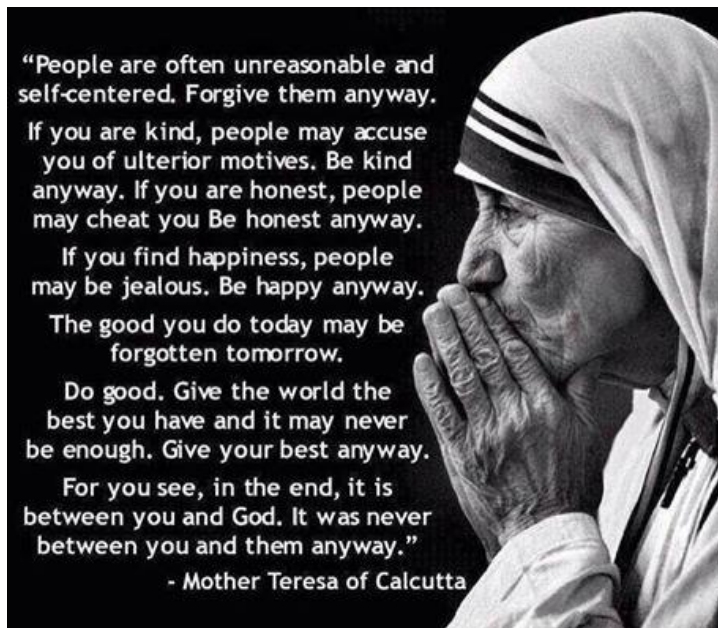
SIEMENS
Answers for infrastructure.

Lehigh Engineering Associates

Lock Ridge Engineering

Dorney Park has periodic joint exercises with the County Emergency Management Agency and local fire companies to ensure preparedness.

The world of amusement rides is more than thrills and chills. There is sound engineering and maintenance to maximize the enjoyment and to ensure the safety of the riders. We thank Brad Nesland and Dorney Park & Wildwater Kingdom for allowing us a glimpse into the world behind the curtain.

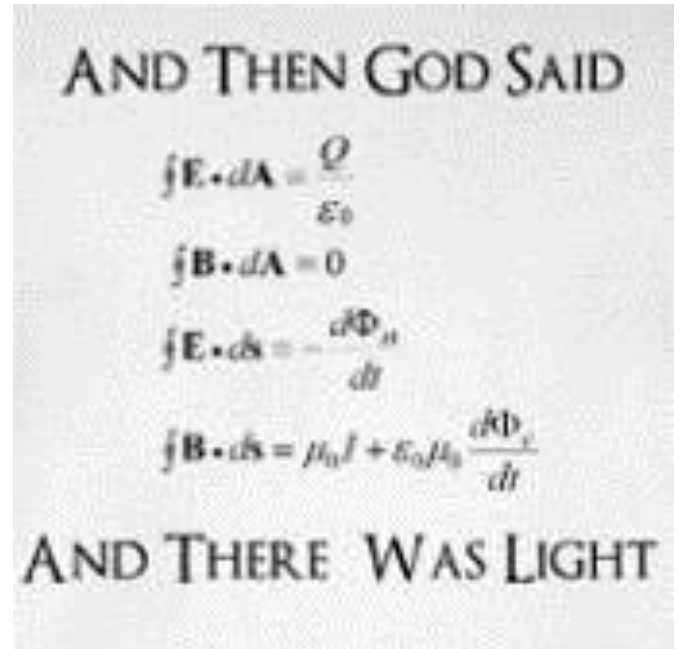


Without question, the greatest invention in the history of mankind is beer. Oh, I grant you that the wheel was also a fine invention, but the wheel does not go nearly as well with pizza or wings.

-Dave Barry

Some cause happiness wherever they go; others, whenever they go.

-Oscar Wilde.



The Big Bang Theory

Always do what's right; this will gratify some and astonish the rest.

-Albert Einstein

Do not go where the path may lead, go instead where there is no path and leave a trail.

-Ralph Waldo Emerson

My favorite animal is the mule. He has more horse sense than a horse. He knows when to stop eating -- and he knows when to stop working.

-Harry S. Truman

If a little is great, and a lot is better, then way too much is just about right!

-Mae West

Spring makes its own statement, so loud and clear that the gardener seems to be only one of the instruments, not the composer.

-Geoffrey B. Charlesworth



WE WANT YOU!

The Lehigh Valley Chapter, Pennsylvania Society of Professional Engineers is seeking Engineers to become more active in our organization. We have many roles to fill, which will require a minimal amount of your time.

The Lehigh Valley Chapter prides itself on service to the engineering community, the communities in which we live, and to our fellow engineers. We sponsor the MATHCOUNTS program in which over 200 students from thirty area schools compete annually. Our Scholarship program disbursement to graduating high school seniors enrolled in an engineering curriculum has risen from \$750.00 to \$2,000.00 during the last couple of years. These programs are invaluable for ensuring another generation of quality engineers. However, such programs require volunteers to solicit funds, organize, and staff. Participation is rewarding on both the personal and professional level. As an added bonus, you will display your pride in your profession to the impressionable youth of our country.

The Commonwealth of Pennsylvania requires every Professional Engineer registered in the Commonwealth to complete 24 PDHs bi-annually in order to renew their licenses. The Lehigh Valley Chapter offers monthly tours of area businesses and presentations which often qualify for PDHs. By attending these tours you will become more familiar with the great industries in our area and obtain PDHs with minimal effort. These events also offer networking opportunities during these uncertain times.

Last, but not least, our Officers and Board of Director members are seeking individuals to step in as a member of our governing body. The present officers have served for a couple of years and are actively looking for replacements. Our Chapter is one of the most active in the State, and we have a legacy of service.

Your PE license is of value to you and to others. Involvement in the Lehigh Valley Chapter, Pennsylvania Society of Professional Engineers can only enhance its value



Lehigh, Northampton, Monroe and Carbon Counties

Lehigh Valley Chapter
Pennsylvania Society of Professional Engineers
Lehigh, Northampton, Monroe and Carbon Counties



Minutes for the April 14, 2014 BOARD OF DIRECTORS MEETING
At the Office of Barry Isett & Assoc. 85 S. Route 100, Allentown, PA

Attendees: Kevin Campbell, Angelika Forndran, Al Gruenke, Peter Staffeld, Nicole Gasda, Al Dezubay and Chris Williams.

- I. Call to Order:** Kevin Campbell called the meeting to order at 5:55 PM
- II. President – Kevin Campbell**
 Congratulations from the Chapter to Peter Staffeld for being named an NSPE Fellow.
- III. Programs**
 - April 7th – 12 attendees for the LEED related tour of Giant in Trexlertown. Focused on energy efficient building concepts.
 - May 8th – LVPSPE Banquet. Reception starts at 6pm at DeSales University. Kevin will reach out to DeSales to finalize specifics.
 - Susan Sprague was contacted to perform installation of officers. Eric Tappert may also be available to assist in the duty.
 - Will invite three large donors (\$1,000+) to the event.
 - May 22nd – LVHN LEED tour beginning at 6pm. Joint event with DVGBC.
 - June 5th – IronPigs tour followed by game. Starts at 4:30.
- IV. MATHCOUNTS**
 - Checks totaling \$2,950 were sent to Jen. Should be receiving a check from her (PEF) shortly.
- V. Valley Engineer & Scholarship Fundraising – Al Gruenke**
 - March newsletter was issued.
 - Nearly \$8,000 raised for scholarships.
- VI. PSPE Award Nominations**
 - Due June 1st. Will submit for programs award.
- VII. PSPE Golf Tournament**
 - Wednesday 9/17, 10:15 tee time. \$45 fee includes lunch.

VIII. Scholarship Committee Report and Recommendations

- Al Dezubay, Nicole Gasda and Angelika Forndran reviewed all applications and came to a consensus regarding the top 4 applications. Recipients are from Easton, Bethlehem Catholic, Moravian and Central Catholic High Schools.
- Peter made a motion to accept the committee's recommendation to award a \$2,000 scholarship to each of the four students. Al Gruenke seconded the motion. All were in favor.
- Al Dezubay to provide a summary bio for the banquet and contact all applicants.

IX. Treasurer – Ray Szczucki

- Need to pay \$1,143.56 to LVEC for Engineers Week Banquet.

X. State Director – Angelika Forndran

- NSPE meeting in Washington D.C. from July 1st to 6th. Details available at nspe.org. Hope to have representative from PSPE, possibly LVPSPE.

XI. Past President – Peter Staffeld

- Peter investigated state regulations related to license plates and will be proposing a PSPE plate as a fundraising opportunity.

XII. Adjournment at 6:45 PM on a motion by Al Dezubay, seconded by Nicole. All were in favor.