



Valley Engineer Newsletter

May 2018

UPCOMING PROGRAMS

May 5, 2018, 3:30 – 6:00 PM. Iacocca Hall, Lehigh University. Exhibition of the life and work of one of the greatest and most inventive structural engineers of the 20th century, Pier Luigi Nervi (1891-1979). Iacocca Hall, Lehigh University

May 9, 2018 - Installation of Officers and Scholarship Awards Dinner - DeSales University



**PENNSYLVANIA SOCIETY
 OF
 PROFESSIONAL ENGINEERS**

**LEHIGH VALLEY CHAPTER
 (ORGANIZED 1935)**

CARBON, LEHIGH, MONROE, & NORTHAMPTON COUNTIES

AWARD DINNER AND INSTLLATION OF OFFICERS

On Wednesday, May 9, our Chapter will hold its annual banquet for the installation of officers and award scholarships to five outstanding high school graduates who are enrolled in an engineering curriculum in a college or university. It is the high point of our service to the engineering community, and the community at-large.

We urge members and guests to attend, to meet and greet the prospective engineers, who will someday replace us. In the past the recipients of our Scholarship Fund have been outstanding young people, of whom any organization would be proud. Besides being bright and articulate, they were personable with multiple interests. Many held leadership positions in school and athletic teams. No shrinking violets in this group!

We are also installing Chapter officers that will guide us for the next year. Our Chapter is one of the most active in PSPE, a position we hold proudly.

Again, we urge members and guests to attend. I promises to be a fun and eventful evening. Also, there is an open bar.

In skating over thin ice our safety is in our speed.
 -Ralph Waldo Emerson

No great deed is done by falterers who ask for certainty.
 -George Eliot

Lehigh Valley PSPE UL Tour

Al Dezubay, PE

Twenty LVPSPE members and guests toured UL's Allentown Lab on Snowdrift Drive.

We were greeted by Zach Mooney and Dave Edwards of UL.

Dave Edwards gave a brief but concise overview of Underwriters Laboratories 122-year history and what the Allentown facility does. Allentown is a performance testing facility that started with lighting tests and has expanded to test packages, do Energy Star tests, and provide lab space for customer designed tests. They did a great job making us welcome.

After Dave's presentation we toured different parts of the lab starting with the big black room. It has a test stand with rotating mirror and data collection photo cell to measure light output from large lamps. They also have lab spheres that measure light output. The biggest is three meters in diameter; it has a bright white interior to reflect all the light from a lamp to a data collection photo cell. They also have four two meter and one one-meter spheres for testing smaller lamps.

A new lab is a "Retail Center" for conducting tests for a specific retailer (like Home Depot and Lowe's). These retailers are interested in why products are returned and how to make them better. Each retailer has its own testing protocol.

Unfortunately, their new large environmental chamber was overdue and had not arrived, so we toured their smaller environmental chambers where they test for humidity and corrosion resistance. They also do thermal shock testing and test performance as atmospheric pressure is changed rapidly.

Also, relatively new is their packaging testing lab, where boxes are squeezed, dropped and shaken for FedEx, Walmart, UPS and Amazon.

Last we saw the labs where lamps are impacted and undergo life cycle testing. Lights are left on for 6,000 hours and their power consumption is measured over their life.

It was an interesting and informative tour, and we thank Dave Edwards and Zach Mooney for hosting us.

CONTINENTAL DIVIDE

Alfred Gruenke, PE

Driving west from Denver, Colorado, on I-70 one comes upon an interesting geological phenomenon, the Continental Divide. South of the highway is Clear Creek, flowing east, opposite to your direction. Then, about sixty miles from Denver the highway enters Eisenhower Tunnel, a dual-bore, four-lane vehicular tunnel approximately 1.7 miles long.



East end of Eisenhower tunnel, with Clear Creek flowing east.

Exiting the tunnel there is another stream, Straight Creek, again on the south side of the highway, but the water is now flowing west, the same as your direction!

I sort-of kind-of noticed this driving west, but I paid particular attention on my return trip. I confirmed what I had supposed, the two streams flow in opposite directions!

The Eisenhower Tunnel has a maximum elevation of 11,158 feet above sea level. I-70 traverses Loveland Pass, 11,992 ft. above sea level, and the Continental Divide. A Continental Divide is a continent's dividing line where the streams flow into widely separate oceans. In this case, water on the east side of the tunnel flows to the Gulf of Mexico via the Missouri-Mississippi system; water west of the tunnel flows to the Gulf of California via the Colorado River.

Continued on page 3



West end of Eisenhower tunnel, with Straight Creek flowing west.

The Continental Divide of the Western Hemisphere extends from the Bering Strait in Alaska to the Strait of Magellan in Chile. Rain falling west of this line flows streams to the Pacific Ocean, rain falling east of this line flows to the Atlantic Ocean.

The Continental Divide enters the Lower 48 in north western Montana and extends south-east into Yellowstone National Park, Wyoming. There are signs along the roads in Yellowstone alerting the motorist whenever the Continental Divide is crossed. However, the main outflow from the park is the Yellowstone River, which becomes part of the Missouri-Mississippi river system, flowing east and south, entering the Gulf of Mexico at New Orleans.



The Continental Divide as it passes through Yellowstone National Park.

There is a "Triple Continental Divide" of sorts in Potter County, Pennsylvania. From here, the Genesee River flows north to Lake Ontario and the St. Lawrence River, the Cowanesque, Tioga, Chemung, and Susquehanna Rivers flow to the Chesapeake Bay and the Atlantic, and the Alleg-

heny River flows south to the Ohio and Mississippi rivers and to the Gulf of Mexico.

The Continental Divide is always in mountainous areas, often the highest mountains on the continent. In Costa Rica the Continental Divide crosses the highest volcano in the country, the Irazu Volcano, 11,257 ft. elevation, close to the city of Cartago.

Climbing the spiny ridge of the Continental Divide was a bit harrowing, buffeted by winds from east and west. It was impossible to walk erect. I had to hunker down so I wouldn't be blown over, but the view at the summit was worth it. The top of the volcano is forty miles from the Caribbean and fifty miles from the Pacific. I carefully stood up and was able to see both oceans! Dear reader, that's memorable.

The Continental Divide continues south through Panama, Colombia, and Ecuador. In South America the Continental Divide is the ridge of the Andes Mountains, located close to the west coast of the continent.

In Ecuador the Continental Divide passes through the Cajas (boxes in Spanish), a series of canyons and lakes about ten miles west of Cuenca, 2,000 miles from the Atlantic and forty miles from the Pacific. Quite a disparity! Cuenca is at 8,000 ft elevation, the crest of the Andes is 13,000 ft. The Continental Divide is not marked. I had to assume that it is the crest of the road, as it descends to the coastal plain and the Pacific.

The Cajas was our weekend playground, fishing or just sight-seeing. The lakes are a favorite for trucha (trout) fishermen. The floor of the canyons are covered with thick grass, virtually treeless except on the lee sides of a ravine. We once tried to start a campfire, but due to the lack of oxygen the wood did ignite. The higher the elevation,

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 PA ENGINEERING FUND. Donations should be mailed to:

LVPSPE
P.O. Box 3441
Allentown, PA 18106

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

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

Scholarship application is at <http://www.lvpspe.org/Scholarships>. Any questions regarding scholarships can be directed to

Alex Dezubay, PE
610-597-2007
Scholarship@LVPSPE.org

PSPE SCHOLARSHIPS

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

Undergraduate

- \$1,000 PEF Grant: (2 awards)

Upperclassman

- \$2,000 Pennsylvania Engineering Foundation Grant

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

2017 – 2018 LVPSPE SCHOLARSHIP DONORS

Graduate

Bridge Gap Engineering
Northampton, PA
FLSmith, Inc.
Bethlehem, PA
Lutron Electronics Co., Inc.
Coopersburg, PA

Senior

Victaulic Company
Easton, PA

Junior

Barry Isett & Associates
Allentown, Phoenixville, Hazleton,
Mechanicsburg, Wilkes-Barre,
Stroudsburg, and Doylestown, PA
Kreischer Miller
Allentown and Horsham, PA
Langan Engineering
Bethlehem, PA
Liberty Property Trust
Bethlehem, PA
Mary Rooney/EnviroAce
Allentown, PA
Millenium Electro-Hydraulics Services
Whitehall, PA
Peak Technical Services Inc
Horsham, PA
Pennoni Associates, Inc.
Bethlehem, PA
The Pidcock Company
Allentown, PA
TRC Worldwide Engineering, Inc
Allentown, PA

Sophomore

Borton Lawson Engineering
Bethlehem, PA
Hanover Engineering Associates
Bethlehem, PA
Lehigh White Cement
Allentown, PA
Maser Consulting, P.A.
Bethlehem, PA
Mass Mutual Financial Group
Center Valley, PA
Newton Engineering
Allentown, PA
Rettew
Lancaster, PA

Continued on page 13



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




Hanover Engineering



HanoverEng.com

- Municipal Engineering
- Structural Engineering
- Mechanical Engineering
- Environmental Services
- Land Development
- Stormwater Management
- Transportation Planning
- Surveying
- Utility Line Design
- CAD/GIS/GPS Services

Office Locations

Bethlehem	610.691.5644
Allentown	610.395.9222
Poconos	570.688.9550
Lancaster	717.721.7444
Elizabethtown	717.367.0144
Wellsboro	570.724.5326
Portersville	724.598.6414

Seven Convenient Locations in Pennsylvania

Envisioning and Engineering sustainable, cost-effective, and environmentally responsible projects since 1971

Engineering firm of choice since 1972



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

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

CIVIL & FORENSIC ENGINEERING



1775 Euclid Avenue
Bethlehem, PA 18018-2112

Phone: 610 216 3918
forensicengineerszautner@verizon.net



R. Peruzzi Inc.
Electrical Engineering Consultant

Robert Peruzzi, PhD, PE
President

P: 610.462.3939
E: peruzzi@rperuzzi.com
W: www.rperuzzi.com

719 Fourth Avenue
Bethlehem, PA 18018

Behavioral Modeling and Verification for RF
Analog and Mixed-Signal IC and SOC Design



newton ENGINEERING

Traffic, Survey and Development Professionals Since 1990

LAND DEVELOPMENT & SUBDIVISION ENTITLEMENTS

- Subdivision Layout & Design
- Land Development Engineering
- Soil and Erosion Control Plans
- Sketch and Concept Plans

TRAFFIC, TRANSPORTATION & HIGHWAY PERMITS

- Highway Occupancy Permits
- Highway Driveway Design
- Traffic Count, Analysis & Projections
- Traffic Impact Studies

PRECISION SURVEY

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

PROFESSIONAL & CPESC CERTIFIED

- Professional Civil Engineers
- Professional Surveyors
- Professional Traffic Operations Engineers
- Certified Stormwater Quality Professionals
- Certified Erosion & Sedimentation Professionals

SUPPORTED ORGANIZATIONS



6235 Hamilton Blvd., Suite 212, Allentown, PA
610-366-0060 info@newtonengineering.us

www.newtonengineering.us



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

BLUEPRINTS
 New Service!

D Size Prints
\$1.50

<p>ALLENTOWN 1801 West Tighman Street Allentown, PA 18104 484.223.3311 M-F 8am-6pm Sat 8am-2pm</p>	<p>BETHLEHEM 123 East Broad Street Bethlehem, PA 18018 610.885.9946 M-F 7:30am-5:30pm</p>
<p>EASTON 661 South 25th Street Easton, PA 18045 610.923.9266 M-F 8am-6pm Sat 8am-2pm</p>	<p>DESALES UNIVERSITY 2755 Station Ave Center Valley, PA 18034 610.282.1100 x1201 M-Th 9am-5pm Sat 9am-4pm</p>

WWW.MMPLV.COM

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



Borton Lawson
 ENGINEERING
 ARCHITECTURE

PROUDLY SUPPORTS
 MATHCOUNTS and the
 LVPSPE Scholarship Program

484.821.0470 | borton-lawson.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



PEAK TECHNICAL STAFFING USA
 Engineering Talent. Guaranteed.

Joseph V. Salvucci, Jr.
 VICE PRESIDENT BUSINESS DEVELOPMENT

215.444.9495 cell 570.419.9851
 josephsalvucci@peaktechnical.com www.peaktechnical.com
 508 PRUDENTIAL ROAD, SUITE 200, HORSHAM, PA 19044



MASER CONSULTING P.A.
 Engineers & Design Professionals

Customer Loyalty through Client Satisfaction

Proud to support the
Lehigh Valley Chapter
 Pennsylvania Society of Professional Engineers

877.627.3772 | maserconsulting.com

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



Pennoni

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



RETTEW
We answer to you.

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

Charles Myers, PE
Director of Energy & Environmental Engineering
cmyers@rettew.com
484-240-4519

610-866-8330
rettew.com |   

PENNSYLVANIA
Athens • Lancaster
Lehigh Valley • Mechanicsburg
Pittsburgh • Williamsport



TOP WORKPLACE
THE MORNING CALL

**Proud to be named
a top workplace
6 years in a row**

Allentown • Phoenixville • Doylestown
Hazleton • Wilkes-Barre • Stroudsburg

barryisett.com/current-openings

BARRY ISETT & associates
MULTI-DISCIPLINE ENGINEERS AND CONSULTANTS

Financial strategies for people who rely on people.

You have goals. Ours is helping you achieve them. To learn more, contact:

Nermin Ferhadbegovic, CLU®, ChFC®
Agency Managing Associate
MassMutual Eastern Pennsylvania
3701 Corporate Parkway, Suite 320
Center Valley, PA 18034
610-798-2557
nferhadbegovic@financialguide.com
www.easternpa.massmutual.com

MassMutual
Eastern Pennsylvania

LIFE INSURANCE + ANNUITIES
RETIREMENT/401(K) PLAN SERVICES
DISABILITY INCOME INSURANCE
LONG TERM CARE INSURANCE

Insurance Representative of Massachusetts Mutual Life Insurance Company (MassMutual), Springfield, MA 01111-0001. Local sales agencies are not subsidiaries of MassMutual or its affiliated companies. Insurance products issued by MassMutual, Springfield, MA 01111, and its subsidiaries, C.M. Life Insurance Co. and MML Bay State Life Insurance Co., Enfield, CT 06082. CRN202007-214066

Shaping the Future



Visit Lehighwhitecement.com for online AIA courses

LEHIGH
WHITE CEMENT

[f](https://www.facebook.com/lehighwhitecement) [t](https://twitter.com/lehighwhitecement)

www.lehighwhitecement.com



Develop Your Career with Us

“I’ve been a part of Lutron for 3½ 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. | P/N 3058-2717 REV.B

*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.

PE Engineers

Josh Cooney • Peter Poone • Roger Wall • Frank Walsh • Dan Sautter

E.I.T.

Jeff Kutz

1717 Main Street, Northampton, PA 18067 • 610-400-8145

www.bridgegapengineering.com

COUPLING INNOVATION WITH CONFIDENCE



Since 1919, Victaulic has been the world's leading producer of pipe joining solutions. Our products are used in the most recognizable landmarks, from the Hoover Dam to Egypt's Alexandria Library, making bold designs possible.

Backed by 1,800+ patents, Victaulic is committed to our customers' needs, providing solutions for your design challenges. We draw it, train on it and certify the installation, all while utilizing best-in-class technology. From concept through construction, we ensure your project runs efficiently as possible.

Engineering Solutions:

- Construction Piping Services (CPS) helps reduce risk and increase reliability for a smoother project experience.
- BIM Software keeps communication and collaboration in sync.
- Proprietary truck loading software saves time and confusion on the job with phased product schematics.

victaulic.com



VICTAULIC IS A REGISTERED TRADEMARK OF VICTAULIC COMPANY.
© 2014 VICTAULIC COMPANY. ALL RIGHTS RESERVED.

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

2017 – 2018 State Officers

State Director

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

Alt. State Director

Brian Kutz PE
President@LVPSPE.org 610-997-6659

VP Northeast:

Michael F. Basta, PE
StateVP@LVPSPE.org 610-767-1617

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 Liberty Property Trust, 74 W. Broad Street, Suite 240, Bethlehem, PA.

2017 – 2018 Chapter Officers

President:

Brian Kutz, PE
President@LVPSPE.org 610-997-6659

Vice President:

Alex Dezubay, PE
VicePresident@LVPSPE.org 610-597-2007

Secretary:

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

Treasurer:

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

Immediate Past President:

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

Chapter Directors:

Mary Rooney
Directors@LVPSPE.org

Nicole Gasda, PE
Directors@LVPSPE.org

Frank Walsh, PE
Directors@LVPSPE.org

2017 – 2018 LVPSPE SCHOLARSHIP DONORS

(continued)

Freshmen

Alfred Gruenke, PE
 Civil & Forensic Engineering
 Bethlehem, PA
 Frank Walsh, PE
 Kevin Campbell, PE
 Keystone Consulting Engineers
 Bethlehem, Wescosville and Kresgeville, PA
 Kohn Engineering
 Macungie, PA
 Monarch Precast Concrete Corporation
 Allentown, PA
 R. Peruzzi, Inc.
 Bethlehem, PA

Contributors

Alex Dezubay, PE
 Allison Berger
 Grayson McNair, PE
 Michael F. Basta, PE
 William Erdman, PE



WORLDWIDE ENGINEERING

Providing Professional Engineering design and drafting services to the Precast/Prestressed Concrete Industry for 38 years.

Partner with TRC for Success

7660 Imperial Way Ste 130	217 Ward Circle	140 E. Market St. 2 nd Fl Rear
Allentown, PA 18195	Brentwood, TN 37027	York, PA 17401
610.871.3935	615.661.7979	717.848.2590

SERVICE | INNOVATION | QUALITY
www.trcww.com



Kreischer Miller is a Proud Sponsor of Lehigh Valley Pennsylvania Society of Professional Engineers



*Audit & Accounting
 Tax Strategies
 Business Advisory
 Human Capital Resources
 Technology Solutions*

*David E. Shaffer, Director, Audit & Accounting
 Architecture & Engineering Industry Group Leader
 dshaffer@kmeo.com
 4905 West Tilghman Street, Suite 230, Allentown
 100 Witmer Road, Suite 350, Horsham
 www.kmeo.com*

Michael F. Basta, PE

Allison Berger

Kevin Campbell, PE

Alex Dezubay, PE

William Erdman, PE

Alfred Gruenke, PE

Grayson McNair, PE

Frank Walsh, PE



Joan Gruenke in the Cajas, with onlooker



The "Headwaters" of the Amazon?

the shorter the grass. Some fields had incredibly beautiful flowers, with the most vibrant colors imaginable; the brightest red, orange, violet,

blue, the whole spectrum. Incredibly beautiful, but in miniature. The plants were only inches high with flowers a mere 3/8" across! There are obvious signs of earthquakes; huge rocks in the middle of a flat plain, dried streambeds that had a fifteen foot "offset." There was a path that once was part of the Inca communication system. Runners used this path carrying the messages that held the Empire together. The path was not obvious and was not clearly marked. People told us that there was a lot of wildlife in the Cajas, including deer and various species of wild cats and bears. However, condors were the only wildlife we observed other than small birds. The condors' rather high-pitched screams eerily echoed off the canyon walls. We made a game of counting the number of echoes; the best we heard was five echoes per scream. Lamas wandered around. I assumed that these were domesticated and were allowed to run free. Altogether, an interesting place!

It is my contention that the lakes and the river that drains the Cajas, the Rio Tomebamba, is the actual headquarters of the Amazon. Because of the westward bulge of South America the Cajas is further from the mouth of the Amazon than the official headwaters of the Amazon, in Peru. However, the geography community does not agree with the facts as I see them

Every continent or large land mass has a Continental Divide. In the Americas it is almost 10,000 miles long, the longest of any other Continental Divides. Each site is an interesting, for different reasons. If the opportunity arises I suggest spending some time there, if for no reason other than to say you straddled a continent!



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



Minutes for the April 9, 2018 Board of Directors Meeting

6:00 pm at the office of Liberty Property Trust, 74 West Broad Street, Suite 240, Bethlehem, PA 18018

Attendees: Brian Kutz, Al Dezubay, Chris Williams, Mary Rooney, Angelika Forndran, Bob Peruzzi, Al Gruenke, Mike Basta, Frank Walsh and Alexa Rooney

- A. Call to Order – Brian Kutz called the meeting to order at 6:07 pm.
- B. New Business
- Alexa Rooney is joining us for the first time.
 - Next year’s slate of officers:
 - i. President – Brian Kutz
 - ii. Vice President – Al Dezubay
 - iii. Secretary – Chris Williams
 - iv. Treasurer – Ray Szczucki
 - v. New Director – Alexa Rooney
- C. Programs – Al Dezubay
- Atlas tour was great. Well attended, dinner was very good.
 - April – UL on April 25th. Dinner location not determined yet.
 - May 9th, 6pm at DeSales. Open bar is set up. Al to coordinate with DeSales on menu. We need to increased attendance. Want to have graduate and senior level sponsors (Bridge Gap, Lutron, FLSmidth and Bedford/Victaulic) to present to each student. Brian will reach out to Peter to request having him swear in officers.
- D. Newsletter/Fundraising – Al Gruenke
- March/April coming out shortly.
 - Brian to provide article on Engineers’ Week.
 - \$13,235 received so far with about \$500 more possible.
 - The Board thanked Al for his hard work.
- E. Scholarships – Al Dezubay
- Scholarship committee met before today’s meeting and discussed rankings of scholarship applicants. Very difficult distinction between 4th and 5th ranked applicant.
 - Al D. made a motion that we vote on whether to give 4 or 5 scholarships. Mike seconded the motion and all were in favor.
 - i. The Board voted on whether to hand out four or five scholarships. Giving five scholarships for \$2,000 passed by a vote of 5-2.
 - Al will notify awardees and thank all other applicants.
- F. Treasurer – Ray Szczucki (per email)
- Account balances as of 4/6/2018:
 - i. Checking - \$2,045.92
 - ii. Savings - \$22,828.56

- The \$375 facility rental payment and agreement for May 9 scholarship dinner were sent to DeSales on 3/23/2018.
- For reference - In 2017, five \$2,000 scholarships were awarded.

G. Mike Basta

- Mike discussed a study which was done reviewing due structure. Pennsylvania will have lowest membership dues to NSPE. Basically, the state is being rewarded based on high activity in PA chapters.
- PSPE state conference may be September 2019 at Bear Creek. Need to work on PDH presenters. Executive committee meets on Wednesday, presentations Thursday/Friday, then state director meeting on Saturday.

H. Adjournment at 7:01 on a motion by Mike, seconded by Al G.