

A WELCOME TO NEW LNN MEMBERS

The LNN community has expanded with the addition of 11 new members (Sustaining Members in bold)! A big welcome to our new members:

- [Asbury Carbons](#)
- [CENT, LLC](#)
- [Central Coating](#)
- [Dentsply Caulk](#)
- [GSP Consulting](#)
- **[Graphene Frontiers](#)**
- [Lehigh Valley Business Journal](#)
- **[Monadnock Non-Wovens LLC](#)**
- [PA Department of Education](#)
- [Primet Precision Materials](#)
- [pureNANO](#)
- [T & T Marketing, Inc.](#)

FEATURE COMPANY & SUSTAINING MEMBER: Manufacturers Resource Center (MRC)

For 25 years, the Manufacturers Resource Center (MRC) has helped small and mid-sized manufacturers become more competitive, adopt lean and agile processes, strategically grow their companies and invest more effectively in their existing human capital. MRC is a nonprofit organization dedicated to creating jobs and economic opportunity in eastern Pennsylvania's Lehigh Valley and Schuylkill, Carbon and Berks counties.

MRC helps drive regional economic development through services that help manufacturers compete and grow through technology acceleration and innovation, operational excellence, sustainability, revenue growth, strategic finance, and succession planning. MRC is an affiliate of the National Institute of Standards and Technology (NIST) Manufacturing Extension Partnership (MEP) and one of seven Pennsylvania Industrial Resource Centers that serve manufacturers. MRC is also a member of the Lehigh Valley Partnership for Regional Economic Performance (PREP), a consortium of economic development service providers governed by the PA Department of Community & Economic Development (DCED).

As a member of the Lehigh Nanotech Network, MRC can provide Market Opportunity Research and Technology Scouting to evaluate new products ideas and new markets to sell those products. MRC has an experienced staff with diverse backgrounds to bring individual attention to complicated business situations. For more information and a complete listing of our services contact tony.maslowski@mrcpa.org or visit the MRC website at www.mrcpa.org.



SPECIAL POINTS OF INTEREST:

> [New Members](#)

> [Featuring](#)

Manufacturers Resource Center (MRC)

> [Upcoming Events](#)

PA Regional=>

New Faculty Introduction & Target Nanotech Talent

-November 27th, 2012

Resources that Guarantee your Company's Success

- January 25th, 2012

> [Chairman's Note](#)

UPCOMING EVENTS SPONSORED BY LNN:

Please see LNN website (www.lehigh.edu/lnn) for full list of events.

PA Regional Nanotechnology Events:

New Faculty Introduction & Target Nanotech Talent

Date: November 27th, 2012

Time: 12:00pm– 2:00pm(Lunch Included)

Location: Whitaker Lab Room 203 (located below main lobby), 5 East Packer Ave,
Asa Packer Campus, Lehigh University, Bethlehem, PA., 18015

Sponsored by: Lehigh Nanotech Network and Lehigh's Center for Advanced Materials and Nanotechnology

Cost: Free

As part of the New Faculty Introduction Series, two new Lehigh University faculty members, Dr. Chao Zhou and Dr. Sushil Kumar, will provide brief presentations on their current research. Please see their links below:

Dr. Chao Zhou is a Assistant Professor of Electrical & Computer Engineering and Bioengineering with research interests in developing novel optical imaging technologies such as optical coherence tomography (OCT) and microscopy (OCM) technologies to perform optical biopsy for biomedical applications:
<http://www.ece.lehigh.edu/~zhou/>

Dr. Sushil Kumar is an Assistant Professor of Electrical & Computer Engineering with research interests in Intersubband semiconductor lasers (quantum-cascade lasers) and detectors, terahertz technology, silicon photonics, plasmonics, quantum electronics.
<http://www.ece.lehigh.edu/index.php?page=sushil-kumar>

This event will be followed by student presentations in forum called **Target Nanotech Talent**.

Please contact Joan Stanescu at jdsj@lehigh.edu if you have any questions. **To Register, [click here](#).**

Resources that Guarantee your Company's Success

Date: January 25th, 2012

Time: 11:00am to 6:00pm

Location: East Wing Conference Room of **Ben Franklin TechVentures®**,
116 Research Drive, Mountaintop Campus, Lehigh University, Bethlehem , PA 18015 ([directions](#))

Sponsored by: Lehigh Nanotech Network and Ben Franklin Technology Partners of Northeastern Pennsylvania

Cost: : \$40

Earlier this year the National Business Incubation Association (NBIA) awarded its prestigious "Randall M. Whaley Incubator of the Year" prize to **Ben Franklin TechVentures®(BFTV)**. Now you can come and tour this renowned facility while taking part in a **Lehigh Nanotech Network (LNN)** networking event! At this event LNN member companies will discuss resources and partnering opportunities that have made them successful. LNN Student Internship Awards are part of this success story, where funding was provided to help student interns assist member companies reach their goals. Your company can be the next success story! Come network with local Industry Leaders and learn how to leverage resources, talent and funding from leadership at Manufacturers Resource Center (MRC), BFTV and other great organizations.

Please contact Joan Stanescu at jdsj@lehigh.edu if you have any questions.

To Register, [click here](#).

CONTINUED

CHAIRMAN'S NOTE NOVEMBER 2012

Chairman's Note November 2012

Much has happened since my April 2012 note, so I will briefly summarize some new LNN activities. We held the fourth "Nano for Business" conference at Lehigh in May in collaboration with Drexel, and hope that those of you who attended enjoyed the networking and information that were offered. This continues to be a well-attended event and we look forward to the next one in 2014. Nano for Business was followed closely by another conference - PA Nano 2012. Presented by the six major PA research universities, and hosted by Harrisburg University, this event drew nearly 100 attendees and included speakers from nanotechnology companies, universities, and federal and state agencies. Holding this in Harrisburg helps to communicate the role of the LNN and other PA organizations that support nanotechnology businesses to state legislators and funding sources, and reinforces Pennsylvania's commitment to nanotechnology as a component of economic growth.

The LNN mission statement includes promotion of workforce development and education, and we have continued to link our Sustaining Members with university engineering and science student interns. These positions are subsidized by PA DCED funds through Lehigh's Center for Advanced Materials and Nanotechnology. This past summer, interns were selected by Applied Separations, BioSample Solutions, Custom Processing Services, and Monodnock Non-Wovens. We intend to continue this benefit in 2013 and invite you to apply.

In addition, the LNN Executive Board has authorized sponsorship of two modest awards for high school students participating in STEM competitions. In 2013, these include PA Technology Student Association (PATSA) Science Competition and the Berks Science Fair. If you know of a deserving organization for this type of support, let us know and we will include it in the selection process.

In May we also passed the 200 mark for LNN membership. In fact we are currently at 210, with 41 Sustaining Members, and the growth continues. We will celebrate this milestone at our next meeting on January 25 at Ben Franklin TechVentures on Lehigh University's campus. Our goal is to increase the relevance and rewards of LNN membership, and your input and participation is key. If you have a topic of interest that you would like to publicize or discuss with other LNN members, we can help make it happen. So please contact us anytime with your ideas or questions.

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