Dear readers,

Happy New Year from WPI Corporate & Professional Education! We hope 2018 is off to a productive and prosperous start for you and yours.

In this issue of Panorama, we share some huge news, from WPI’s new office space in Boston to the first-ever winners of our new scholarship for online students. Plus, you’ll learn about one of our faculty members who won a prestigious award for her approach to online education. And, as always, we’ve included resources and helpful information for part-time grad students. You can even take a deeper dive into some of our electrical & computer engineering courses that teach the ins and outs of digital system design. This summary is only the tip of the iceberg; flip through to see what else we have in store for you!

I was thrilled by the response to our inaugural issue of Panorama this past fall. Hundreds of people visited our blog, content library, and the pages for our newly launched online graduate programs. Thank you for taking the time to get to know us!

By the way: it’s our mission at Panorama to share news from WPI CPE that truly interests you as a working professional. If there is anything you would like to see us cover in this magazine, feel free to email me with your ideas.

Happy reading!

Kate Vogel
Panorama Editor
On January 31, WPI’s brand-new location in Boston opened its doors. WPI Seaport, located in Boston’s thriving Seaport District at 303 Congress St., promises to be a hub for innovation, collaboration, and talent development.

WPI Seaport’s layout allows for community events, collaborative projects, professional development seminars, and more. The flexibility and convenient location of this new space—just across the canal from South Station—make it accessible to innovators from Boston, Worcester, and everywhere in between. Rachel LeBlanc, Assistant Vice President of Academic and Corporate Engagement and an integral member of the Seaport Advisory Group, understands how important WPI’s foothold in Boston is to the future of STEM in Massachusetts. “I am most looking forward to the opportunity to increase the visibility of WPI within a community that can greatly benefit from our talent, expertise, and innovation.”

This is WPI’s first space in Boston, and it holds a wealth of opportunities for both the university and the city. Stephen Flavin, Vice President of Academic and Corporate Engagement, is excited about building this mutual relationship. “The revitalization of the Seaport and the organizations that are increasingly calling it home, are very much synergistic with WPI’s capabilities—developing outstanding talent, supporting research opportunities, building multifaceted partnerships. These activities, and more, make the WPI presence in the Seaport an ideal match.”

Read more on WPI Seaport from Flavin and other university leaders.

Here at Corporate and Professional Education, ideas are in motion to find the best ways to connect with our part-time graduate students—online and corporate—at WPI Seaport. Stay tuned for news from Boston as plans develop.
WPI’s 3rd Annual Biomanufacturing Symposium (April 9-10, 2018) brings together industry and academic experts to share insights on important topics affecting the biomanufacturing industry. This year, the event is expected to grow in not only attendance, but also in its robust, top-notch content.

In past years, symposium topics have included continuous biomanufacturing, filtration and chromatography, expression systems and cellular platforms, Big Data in biotech, and more, with keynotes from industry leaders like Dean Kamen. This year’s schedule is shaping up to be just as meaningful. On day one of the event, topics will center on traditional protein therapeutics and emerging technologies. On day two, the content will spotlight cell and tissue therapies. This year’s keynotes are Bruce Levine, PhD (Barbara and Edward Netter Professor in Cancer Gene Therapy, Center for Advanced Cell Therapies, University of Pennsylvania Perlman School of Medicine), and Joanne Beck, PhD (Executive Vice President, Pharmaceutical Development and Operations, Celgene). Folks from all levels of industry and academic experience are sure to find insights they can take back to the lab or office.

The symposium is coordinated by a dedicated organizing committee, with representatives from the biotech industry as well as WPI’s academic departments (Biology and Biotechnology, Biomedical Engineering, Chemistry, and Corporate and Professional Education). The committee is spearheaded by Kamal Rashid, PhD, Director of WPI’s Biomanufacturing Education and Training Center (BETC). The committee’s goal is to provide top level content and networking opportunities for an affordable price, in order to maximize accessibility. The price ($195 total) includes continental breakfast and lunch both days, along with an evening cocktail reception on the first day.

Each day will feature a keynote, presentations, and panel discussions. Learn more and register at the website below. We look forward to seeing you in April!
Professor Earns Award for Online Courses

Professor Beth Wilson, PhD, who teaches systems engineering for WPI, recently received the 2017 Exemplary Teaching Award from the University Professional and Continuing Education Association (UPCEA). After 33 years working at Raytheon, her industry experience combined with a PhD in Electrical Engineering have equipped her to impart innovative, accessible education to WPI’s online graduate students.

Professor Wilson worked closely with WPI Corporate and Professional Education (WPI CPE) and the Academic Technology Center (ATC) to adapt her course content for online delivery. She closely monitors her students and provides timely, in-depth feedback on where they can improve. As a lifelong learner herself, she knows firsthand the challenges of working and taking rigorous courses at the same time. Her dedication to teaching helps equip WPI students with real-world skills that benefit them beyond the classroom and into the workplace.

Read more about her award here.

Congratulations, Professor Wilson!

Grad School Tips & Tricks

Going back to school is a great way to reach for your goals while still pursuing a career, family, or any of your other many ambitions. However, learning online does stray from traditional methods of academics, and that can be a source of concern for some students. Have no fear! Caitlin Keller is here with her list of time management tips specifically for part-time students, to help you predict, schedule, and motivate yourself to excel in your online class.

Click here to read “Top 5 Time Management Tips for Online Learning”
You’ve likely heard that people should “work smarter—not harder,” and now homes are doing the same! With the Internet of Things, the most important apps in our lives (appliances and applications) can talk to each other, provide useful information, and perform more efficiently than ever. With new tech comes new hazards, however. This colorful infographic demonstrates how your home can work smarter for you, and how systems engineers are minimizing the risks of these rapid advancements in technology.

▶ View the Infographic

So much has changed in the world of digital design since its inception, and this continual evolution shows no sign of stopping. While working in electrical and computer engineering might help you stay up-to-date, your day job could lag behind the latest insights being developed at research centers and universities like WPI.

That’s why we’re letting you “Crash the Course” and explore Professor Zain Navabi’s four-course suite on Digital System Design. Learn what Professor Navabi teaches in this suite before you even enroll, and see if your skills or knowledge need a tune-up!

▶ Crash the Course
WPI Hall of Luminaries

WPI celebrated its long legacy of theory and practice on November 1, 2017, by opening their Hall of Luminaries exhibit, located in the Rubin Campus Center. The Hall of Luminaries honors members of the WPI Community throughout the years: members who instilled a lasting impact on their fields and society as a whole. Their exceptional accomplishments are displayed at WPI to inspire future members of the community to continue their legacy. WPI will induct new luminaries every other year.

More about the Hall of Luminaries

INAUGURAL 2017 HONOREES

GEORGE I. ALDEN, 1926
Pioneering WPI Faculty Member, Industrialist, and Philanthropist

JOHN BOYNTON, FOUNDER
Revolutionary in Practical Education
Boynton, a prosperous tinware manufacturer from Templeton, Mass., had the dream to start WPI. He recognized the expanding industrial revolution in New England and knew educated people would be needed to assume leadership positions in manufacturing and commerce.

CURTIS R. CARLSON, PHD, 1967, 2006 (HON.)
Internationally Recognized for the Theory and Practice of Innovation
He is widely known for the development of high-definition TV and SIRI for the iPhone 4.

ROBERT H. GODDARD, 1908
Father of Modern Rocketry
Goddard is known throughout the world as the father of modern rocketry. He launched his first liquid-fueled rocket on March 16, 1926 in Auburn, Mass.

WILLIAM R. GROGAN, 1946, 1949 MS, 1990 (HON.)
Educational Innovator and Leader of the WPI Plan

DEAN KAMEN, 1973, 1992 (HON.)
Visionary Inventor and Inspiration to Young People
Kamen is an inventor of the AutoSyringe, Segway™, IBOT™ mobility system, and the HomeChoice portable dialysis system

JUDITH NITSCH P.E., 1975, 2015 (HON.)
Leader in Sustainable Engineering and Mentor to Many

DAVID NORTON, 1962
Co-Creator of the Balanced Scorecard

STEPHEN SALISBURY II, FOUNDER
First Leader of the Institute

ICHABOD WASHBURN, FOUNDER
Educational Visionary

RICHARD T. WHITCOMB, 1943, 1956 (HON.)
Father of Transonic Flight
In 2017, WPI Online launched The Gateway Scholarship, the first-ever award for WPI’s part-time online graduate students. There were 59 applicants from nearly all of our online master’s degree programs; thank you to all who applied. It was inspiring to read so many stories of professionals balancing life, work, and education.

In the end, five candidates were chosen. We are thrilled to share with you the first winners of the Gateway Scholarship:

- **JACKLYN TURNER**, DATA SCIENCE
- **DANIEL GRAY**, ROBOTICS ENGINEERING
- **SACHA HALL**, MECHANICAL ENGINEERING
- **JENNA CLOUTIER**, POWER SYSTEMS MANAGEMENT
- **KYLE ERF**, ROBOTICS ENGINEERING

Profiles on each of these winners will be featured on our blog over the next few months. Subscribe to Catalyst to be notified when they’re live!
## Professional Education

- OPEN-ENROLLMENT TRAINING
- CUSTOMIZED CORPORATE TRAINING

### Technical and Professional Workshops

- Hands-on training with expert instructors
- Gain relevant skills and tools that can be immediately applied in the workplace
- Continuing education credits (CEUs) awarded

[LEARN MORE](#)
TAKE A MOMENT TO LAUGH

Social Media Mavens of WPI

Lori Kendall-Taylor
WPI CPE Student Success Manager
@LKendallTaylor

We need a better process.

I may be artificial, but at least I’m not shallow.

Robot finishes college course! Imagine having a robot for your project partner? Unbelievable advances in robotic technology. #EverydayEng A robot goes to college

A robot goes to college
Humanoid robot completes course in philosophy of love in what is purportedly a world first.
insidehighered.com

11:12 AM - 18 Jan 2018
2 Retweets 3 Likes
DATES TO REMEMBER

FEBRUARY
6 ATX West, Anaheim, CA
7 CIEC, San Antonio, TX
26 Fundamentals of Bioprocessing for Engineers Training (through March 1)

MARCH
12-15 Downstream Principles and Techniques Training
14 Pi Day at WPI Seaport
20-21 Geometric Dimensioning & Tolerancing Training

APRIL
9-10 3rd Annual Advanced Biomanufacturing Symposium
16-19 IEEE PES T&D, Denver, CO
23-25 Quality By Design (Q-b-D) for Biopharmaceuticals Training
30 OTC, Houston, TX
30 AUVSI, Denver, CO (through May 3)

MAY
7-8 Independent Power Producers of New York (IPPNY), Albany, NY
7-11 Upstream Processing of Animal Cell Culture Products Training

► VIEW FULL LIST OF CONFERENCES