This month’s newsletter features distinguished accomplishments by faculty and students, upcoming events and opportunities, and is brought to you by the number π... (Pi Day, 3/14).
If you have news, updates or photos to submit for a future issue, please email Jen Sullivan.
We are excited to share all that is happening in the sciences at Loyola!

Past Hauber Fellows making strides in research

**Computer science major Sydney Pugh, ’19**, has been engaged in research as a 2017 Hauber Fellow and in 2018 through the NIST Summer Undergraduate Research Fellowship (SURF). She continued research during fall 2018 with faculty mentor Dr. Mohammad Raunak, who also served as her co-mentor at NIST last summer, and their paper “Systematic Testing of Post-Quantum Cryptographic Implementations Using Metamorphic Testing” has been accepted for publication at the MET 2019 workshop in *International Conference on Software Engineering* (ICSE). Sydney is planning to attend graduate school this fall and has received fully funded MS/PhD admissions from Princeton, University of Pennsylvania, and University of Maryland College Park. We can’t wait to see what the future holds for her!

**Biochemistry major Hannah LaMond, ’20,** received a *Research Internship in Science and Engineering (RISE)* to conduct research abroad in Hanover, Germany this summer. RISE Germany offers unique opportunities for undergraduate students in to work with research groups at universities and top research institutions across Germany for three months during the summer. Hannah was a 2018 Hauber Fellow conducting research in biology with mentor Dr. Christopher Thompson. We wish Hannah a fantastic experience and look forward to sharing her guest blog posts from Germany this summer on *The Art of Stem blog*!

Biology professor named Scientific Teaching Mentor

**Biology professor Dr. Lisa Scheifele** was named a *Scientific Teaching Mentor* for the 2018-2019 academic year for her role as a group facilitator at the 2018 Summer Institute on Scientific Teaching at University of Connecticut where she guided participants in creating teaching materials, fostered group collaboration and provided valuable teaching resources to improve undergraduate education. Join us in congratulating Dr. Scheifele for work well done!
Upcoming Opportunities & Events

**Major & Minor Exploration**
**Week Info Sessions**
Explore majors, minors and ask questions about courses, curriculum and registration.

**Tuesday, March 26**
STEM (Math, Physics, Data Science, Computer Science and Engineering)
4:30—5:30 pm, Knott Hall B01

**Wednesday, March 27**
Biology and Forensics
12—1 pm, Knott Hall B01

STEM
12—1 pm, College Center 113

Chemistry
3—4 pm, Knott Hall B01

More info >>>

**Celebration of Science**
April 1—5, 2019
NAS student clubs in Boulder atrium all week featuring interactive demos and giveaways!
More info >>>

**Data Science Career Insights—Networking and Panel Event**
April 2, 2019, 6 pm
4th Floor Program Room
Event Page >>>
Press Release >>>

**STEAM Fest**
Seeking student groups in STEM to lead hands-on activities and classroom demos for STEAM Day Lakeland Elementary—Middle on April 5, 2019.
Contact Stacy Williams for more info.

**STEM Career Treks**
Johns Hopkins Applied Physics Lab
March 19, 8:15 am—1 pm

Contrast Security
April 5, 2:30—5 pm
Visit Handshake to register for these and other Career Center events.

**March Pop-Up Classes**

**3/13:** 3-D Printing: New Dimensions for Teaching and Learning

**3/16:** Internet of Things (IoT) Workshop

**3/21:** Explore the Universe with VR

**3/22:** Learning LabVIEW: An Intro to Paper Engineering
More info and registration >>>

**STEM Diversity Career Expo**
March 22, 2019, 10—3 pm
Washington, DC
More info >>>

**VentureWell**
OPEN Conference 2019
March 28—30, 2019
Washington, DC
More info >>>

**Workforce of Tomorrow**
presented by U.S. News & World Report STEM Solutions
May 22, 2019
Washington, DC
Early bird registration ends 3/15/19.
Divisional funds may be available to help cover early bird registration fee.
Contact Bahram Roughani.
More info >>>

**Robot Roadtrip Day Camp coming this spring!**
Loyola Robotics is excited to host the first Robot Roadtrip Day Camp on Sunday, April 14 from 9 am—4 pm at Loyola. The Robot Roadtrip Program founded by engineering major Rachel Jarman, ‘20 partners with local public schools to educate and empower Baltimore youth to pursue STEM fields. This inaugural day camp is open to all 4th—8th graders (family and friends of Loyola employees welcome!) and will be a day of STEM and life skills education during which campers will design, build, code and compete. Robot Roadtrip details and registration >>>

Loyola’s VEX U team competed in the West Virginia VEX U Qualifying Tournament at Fairmont State University on March 1, successfully building two robots with new V5 hardware system and winning one match. Follow the HoundBots on Facebook for more photos.