UPDATE AND EVENTS FOR NATURAL AND APPLIED SCIENCES DIVISION

Season’s Greetings from Natural and Applied Sciences

‘Tis the season to express our sincere appreciation for you—the faculty, students, staff, friends, alums, advisory board members and community partners who have made the progress of Loyola’s Natural and Applied Sciences division possible.

As we move forward into a new year, we ask that you share your thoughts regarding programs and initiatives currently in place and those that should be implemented in the future. Please complete this brief three question survey to provide your input. View the 2017-2018 NAS annual report for division highlights, faculty and student achievements and more.

We are also in the process of publishing a master list of fellows and mentors who have participated in the Hauber Research Program during the past 30 years. Visit the Hauber web page and the pdf lists at the bottom. If you have any information for missing years, please send to Jen Sullivan, jlsullivan4@loyola.edu.

Wishing you happy holidays and a season of peace and joy.

Name our Newsletter!

We’ve received some thoughtful and creative suggestions for a newsletter name and need your help to choose!

1. The Synapse – Making Thoughtful Connections
2. Science Crossroads (Donnelly/Knott Hall is at the crossroads of Charles and Cold Spring, and the definition of crossroads is “a community of people smaller than a village”)
3. The Nautilus (for its connection to natural sciences and because it is a golden spiral and follows the Fibonacci sequence, equally relevant to applied sciences)

Vote for your favorite at www.twitter.com/loyolasciences.
Upcoming Events

Data Science Industrial Advisory Board Meeting
December 11, 6—8 pm
Loyola Columbia Center

Engineering Capstone Presentations and Industrial Advisory Board Meeting
December 10, 9 am—5 pm
4th Floor Programming Room

Research Program Application Deadlines

Kolvenbach Programs:
Applications due Friday, January 18, 2019

Hauber Research Fellowship:
Applications due Friday, February 1, 2019.

NIST SURF:
Summer undergrad research supporting the NIST mission. Register for an upcoming webinar (12/19 or 1/10) for details.

The Life Hacks Speaker Series is helping students gain the skills they need to survive in the real world. From learning how to cope with stress to repaying student loans, professors and Loyola faculty are dishing out the knowledge they’ve gained over the years. Keep your eyes and ears open for the next event - coming in January 2019!

AMAZING ALUMNI
Dr. Katherine Arie, ’09, a scientist at Illumina, a biotech company in San Diego, CA, presented “Applied Chemistry in Pharma and Biotech” on Monday, November 26.

OUT AND ABOUT
Loyola students visited Emergent BioSolutions in Baltimore to learn about careers in biotechnology, biomanufacturing, and quality control/quality assurance industries. They were able to network with scientists responsible for designing and manufacturing vaccines for ebola, anthrax, and whooping cough. (Photo by Dave Rivers)

STUDENT ACTIVITIES
Loyola CS student Chet Pajardo II explains his research on probabilistic computing to fellow junior engineering students Sarah Ng and John Voss. The school’s computing cluster is being used to speed-up the long simulations that Chet is running to characterize a new type of logic circuit used for stochastic computing. (Photo by David Hoe)

Loyola’s Robotics Club continues to grow with over 25 active members. Check out what they’re up to @LoyolaHoundBots on Facebook.