From the Dean’s office

Thanks to all who participated and congratulations to our 3 winners!

1. Prof. Janakiram recognized everyone, but Frank
2. Prof. Gaven recognized 4 out of 6. He confused Wajid with Dr. Roth and did not identify Frank.
3. Prof. Booth recognized 3 out of 6. He confused Cindy with C. Li and did not identify Wajid and Frank.

Faculty, please tell your students!

Division of Science Scholarships Deadline to apply: April 15th
Eligible students must be majors or interested in major in one of the departments in the Division of Science: Biology, Biotechnology, Biochemistry, Geology (EAS), Environmental Earth System Science (EESS), Mathematics, Physics.
To be eligible you must have:
- Earned 24 credits at CCNY
- A cumulative GPA 3.00 or higher
- And a Science/Math GPA 3.0 or higher
For more information or to apply please visit: https://www.ccny.cuny.edu/science/division-science-scholarship-application-2018
For questions email: mainstaggsearcher@ccny.cuny.edu

Biology News

- Monika Burzick, PhD student in the Janakiram lab in Biology, successfully defended her doctoral thesis entitled “Regulation of the tubulin homolog Ftz in Euchernia coli cytoplasm” earlier this week. Congrats Monika!

Congratulations to Mary Ellen Heaver from Govind’s lab on successfully completing her doctorate!

Biology Colloquium
Monday, April 9, 1:00 p.m. – 2:00 p.m., MR-001
Speaker: Dr. Michael N. Lehman, University of Mississippi Medical Center
Title: KDNY neurons: a central node in the control of mammalian reproduction

Mathematics News

Graduate students Pavol Javorka and Casey Bolle got accepted into the University of Houston Summer on Dynamical Systems. The school will run from May 16-24, 2018 and will introduce students to some of the fundamental concepts of dynamical systems and applications through short lecture courses, tutorial and discussion sessions, and student projects. The students will receive a have all expenses paid plus a stipend.

Chemistry and Biochemistry News

- Seminar in Biochemistry, Biophysics & Biodesign Wednesday, April 11, 12:00 p.m. – 1:00 p.m.
  CUNY ASRC Main Auditorium
  Speaker: Bridget Carragher and Clint Potter, Directors, Simon’s Electron Microscopy Center, New York Structural Biology Center
  Title: CryoEM: Challenges and Opportunities
  Abstract: In the last five years we have seen increased dramatic improvements in the progress of single particle cryo electron microscopy (cryoEM). New detectors and image processing software have enabled reconstruction of atomic resolution maps, at least for large well ordered macromolecules. High levels of automation in image acquisition and processing have enabled the reconstruction of multiple different states of molecular machines from a single sample. This provides the opportunity under the right conditions but may have to be highly heterogeneous and/or dynamic. A brief overview of some of the new technologies will be presented, the power of the new tools will be illustrated by its application to the understanding of dynamic molecular machines, and a view of the anticipated future advances will be discussed.

Earth and Atmospheric Science News

- EAS Seminar Wednesday, April 11, 12:45 p.m. – 1:45 p.m.
  MR-107
  Speaker: Scott McBride, USGS
  Title: Investigating groundwater and surface-water interactions in karstic watersheds using multidisciplinary approaches, West-Central Florida
  Abstract: Groundwater and surface water have traditionally been studied as separate resources, but in order to understand the hydrology of many watersheds these resources must be studied in tandem. Water transacting across a karst watershed may interconnect between the groundwater and surface-water systems multiple times, making it nearly impossible to study these waters independently. West-central Florida, with its many springs, sinkholes, and other karst features, is an excellent example of an area where groundwater and surface-water interactions are critical components of water resource issues. Since 2004, the Caribbean-Florida Water Science Center of the U.S. Geological Survey has conducted three intensive watershed investigations in the Withlacoochee River basin. These studies have included the upper and middle portions of the Withlacoochee River, Lake Panasoffkee, and Tsala Apoksu Lake. Each watershed is distinctive and required its own unique combination of investigative techniques. To successfully qualify and quantify groundwater and surface-water flows through these complex karst watersheds, methods were borrowed from multiple fields of study, including hydrology, hydrogeology, and geochemistry.

- On April 5th, 2018, students enrolled in the Phase II Environmental Site Assessments course (undergraduate EAS 33400, graduate EAS 83400) taught by EAS lecturer Dr. Angelo Lampousis participated in the annual informational day sponsored by the CCNY alumni association in the United States Environmental Protection Agency. The event was held at EPA’s Region 2 headquarters located at the Ted Weiss Federal Building in Lower Manhattan. This annual activity falls under a memorandum of understanding (MOU) between CCNY and EPA.
  Again this year, students were afforded the opportunity to interview for volunteer summer internships with the EPA.

The following EPA staff, who are also CCNY alumni, were in attendance: Phillip Armstrong,’82; Pamela J. Baxter,’88; Philip Clappin,’78; Adolph Everett,’94; Omar Hamad,’16; Charles Harewood,’98 & ’05; Fernando Risso,’88; Paul Sacker,’87; Eric Schaaf,’78; Derval Thomas,’85; Ricardo Vargas,’15; Terry Wesley,’88; George Zachos,’61.

Send your news to gonzalez@ccny.cuny.edu if you would like them to be featured here.