May, 2018

Honors and Awards

- Congratulations to CSNE co-Director **Dr. Chet Moritz** who was appointed as a joint faculty member in the UW Department of Electrical Engineering and Department of Rehabilitation Medicine.

- The 2018 CSNE Hackathon took place April 6-9, 2018, with 15 students divided into five teams. Congratulations to Team “Ditto Rehabilitation System” (team members Claudia Cea from San Diego State University and Chung Hoon Choi and Katie Ly from the University of Washington) for taking home the top prize. A special thanks to CSNE Hackathon coordinator **James Wu** for organizing the event.

- Congratulations to **James Rosenthal**, CSNE graduate student in the Smith Lab at the University of Washington, for receiving a 2018 National Science Foundation (NSF) Graduate Research Fellowship Program for his proposed research titled, "Energy Optimized High Data Rate Backscatter Communication for Bidirectional Brain-Computer Interfaces."

- **Joshua Chen**, **Alisha Menon** and **Lucy Lai** were past CSNE Research Experience for Undergraduate (REU) students who have received recent NSF Graduate Research Fellowship Program awards to continue their academic careers.

Upcoming Seminars, Lectures, Courses, Conferences

- **Dr. Eric Shea-Brown** (UW Department of Applied Math) will present a UW Neuroscience Seminar on May 7, 2018 (UW HSB T-747, 3:30-4:30 pm).

- CSNE graduate student **Tim Brown** will speak at the Simpson Center for the Humanities about his experiences with the Humanities Without Walls program on Tuesday, May 8, 2018, 3:30-5:30 pm, UW Communications Building, Room 202.

- Dr. David Perkel (Professor, Departments of Biology and Otolaryngology, University of Washington) and **Dr. Rajiv Saigal** (Assistant Professor, Department of Neurological Surgery, University of Washington) will present short talks in the UW Institute of Neuroengineering seminar series on May 9 at 3:30 pm in UW HUB Room 337.

New CSNE Publications


CSNE in the News

• New, non-invasive treatment improves hand and arm function in people with spinal cord injury

• UW students compete to invent neural engineering technology with potential for real-world impact

• CSNE members explain how to broaden participation of individuals with disabilities in STEM programs

Recent Papers of Interest to the CSNE Community


Grant and Funding Opportunities

- NIH Director's Pioneer Award

- Science & SciLifeLab Prize for Young Scientists
  http://www.sciencemag.org/science-scilifelab-prize-young-scientists

- BRAIN Initiative: Biology and Biophysics of Neural Stimulation

- BRAIN Initiative: Next-Generation Invasive Devices for Recording and Modulation in the Human Central Nervous System

- BRAIN Initiative: Clinical Studies to Advance Next-Generation Invasive Devices for Recording and Modulation in the Human Central Nervous System

Job Opportunities

- Postdoctoral Research Position in the Neuroelectronics Group at UCSD:
  http://neuroelectronics.ucsd.edu/UCSD_Neuroelectronics_Group/Home.html

- Postdoctoral Research Associate (Neural Engineering) in the School of Computer Science and Electronic Engineering at the University of Essex:
  http://www.jobs.ac.uk/job/BJE567/postdoctoral-research-associate-neural-engineering/

Please send additional news and events items for inclusion in this newsletter to Dr. Eric Chudler (CSNE, Executive Director) at chudler@uw.edu.