AN INTERNATIONAL TEAM SCIENCE

The CCSN High Performance Electrical Neuroimaging (HPEN) Laboratory, aims to facilitate and create new interdisciplinary learning opportunities in social neuroscience, electrical neuroimaging, neurology and supercomputing for scientists, students and teachers at the University of Chicago and beyond. If you wish to be involved in HPEN mission, please contact us at: hpen@uchicago.edu

THE CCSN INSIDER
By Rebecca Steinberg

New blog by on Sleep is coming soon at: http://ccsnblog.tumblr.com/

HPEN LAB NEWS

• HPEN e-Library is now available on Mendeley. If you want to access it, send your request to hpen@uchicago.edu

• New HPEN Job Listing available at: https://hpenlaboratory.uchicago.edu/page/hpen-job-listing

CURRENT HPEN Research Projects

• What People Remember About Politicians (IRB# 13-1075)
  • Public Policy (IRB# 13-0545)
  • Social Rejection & Phobia (IRB# 13-1076)
  • Neural Bases of Perceived Social Isolation (IRB# 13-0134)

https://hpenlaboratory.uchicago.edu/page/hpen-research-projects

Prospective researchers are welcome
If you wish to perform EEG/ERP research at the HPEN laboratory, please send us your proposal (one page long) by the 15th of the month at hpen@uchicago.edu

Proposal guidelines are available at: https://hpenlaboratory.uchicago.edu/news/hpen-application-process-forms

Upcoming Events

• Big Data Event at UChicago
  November 20, 2013
  Free event open to all Chicago-area students, educators, and community members
  Reserve your seats here: https://discoveryseries.uchicago.edu/content/reserve-your-seats

• Experimental Biology Conference
  Abstract Submission Deadline: November 8, 2013

• The Molecular Basis of Brain Disorders
  Jan 26-29, 2014
  Abstract Submission Deadline: November 1, 2013
  http://www.miamiwintersymposium.com

• 4th Annual Meeting of S4SN China
  December 5-8, 2013
  S4SN 2013 Airline Discount: Ref # DOX0106438
  http://s4sn.org/s4sn-2013-airline-discount/

APS STUDENT RESEARCH GRANTS

APS provides grants to students to support research that is in initial development. The APSSC Student Grant Competition offers partial financial support for various research expenses (e.g., the purchase of research materials) prior to data collection.

SUBMIT YOUR PROPOSAL TODAY!
Deadline for submissions: November 16th, 2013
“Wave propagation of neural activity has been documented in a number of neocortical areas including visual, somatosensory, and motor cortices as measured by local field potential (LFP) recordings and voltage sensitive dyes. In particular, we have shown that motor cortical LFP oscillations in the beta frequency range (~20 Hz) propagate as traveling waves across the surface of primary motor cortex along a rostral-to-caudal axis while monkeys perform a variety of visuo-motor tasks including simple reaching tasks and more complex reach to grasp tasks. We provide evidence here that simultaneously-recorded, motor cortical neurons coordinate their spiking activity in a sequential manner that mirrors the dominant wave propagations directions and speed of propagation.”

Nicholas Hatsopoulos, Associate Professor, Organismal Biology and Anatomy & Computational Neuroscience, University of Chicago

REFERENCES OF INTEREST
(Alphabetic Order)


