Student Updates:

- Congratulations Are In Order......
  Frank Jareczek: Successfully defended his thesis recently!

- Neuroscience Seminar
  - November 15, 2016 (Tuesday) NO SEMINAR DUE TO SfN
  - November 22, 2016 (Tuesday) NO SEMINAR DUE TO THANKSGIVING WEEK
  - November 29, 2016 (Tuesday) at 4pm in 2117 MERF: Guest speaker Geoffrey Schoenbaum

- Spring Registration - Early Registration Dates go until November 18, log into MyUI and get registered!

- OFFERED AGAIN! Neuroscience Program Elective “Menu A” Course - Neurophysiology: Cells & Systems (BIOL:4353)
  We are pleased to announce the return of Neurophysiology for the Spring of 2017. Neurophysiology: Cells and Systems (3 s.h., BIOL:4353) will be offered on Tuesdays and Thursdays from 12:30 to 1:45 in 102 SL. This course is intended to provide a heuristic, semi-quantitative approach to concepts in neurophysiology. Relevant physical principles and quantitative methods will be reviewed to facilitate the application of abstract concepts to physiological and general biological problems. The course will also critically review selected original literature in cellular and systems neurophysiology. As has been taught over the past decades, this course has been designed to improve quantitative skills and to prepare students for conducting original physiological experiments. The emphasis will be on the analysis of original research results to illustrate basic analytical tools and core mechanistic concepts. The course instructor is Prof. Chun-Fang Wu and Dr. Atulya Iyengar will serve as a team-teacher. Please see the attached tentative syllabus for lecture schedule and other relevant information.

- NEW course added to Neuroscience Program Elective “Menu B” - Neurobiology of Drug Addition & Stress (PSY:6250)
  This course will overview the neurobiological concepts relating to the CNS circuits and mechanisms underlying neuroendocrine, defensive, motivational and appetitive responses as a basis for discussion of advanced topics in the research fields of drug addiction and stress. Instructors: Jason Radley, PhD & Ryan LaLumiere, PhD. Wednesdays from 3:30-6pm, location TBD. 3 semester hours.

- Updates from Graduate College
  Upcoming Photo Booth - Graduate students/postdocs can sign up to have a professional photo taken.
  - December 1, 2016 (Thursday) at 12:30pm-4:30pm in 423 Gilmore Hall
  - January 19, 2017 (Thursday) at 1pm-4pm in 423 Gilmore Hall

- Workshops for Researchers - Carver College of Medicine
  Writing an Effective and Integrated NIH Biosketch - Your biosketch is an increasingly important element of grant applications to the NIH. This workshop focuses on the newer sections - "Personal Statement" and "Contributions to Science" - as well as overall grant writing strategies that you can use to create an integrative, compelling and impactful biosketch that engages reviewers and emphasizes your strengths and your ability to successfully complete a proposal.
  - November 16, 2016 (Wednesday) at 12pm to 1pm in 2189 MERF RSVP here

Social Media in Research - How can social media benefit your research program? Learn about social media platforms and see how faculty colleagues at Iowa use social media on a daily basis. Presented by Jamie Jones, CCOM IT.
  - December 7, 2016 (Wednesday) at 12pm to 1pm in 1117 MERF RSVP here
Faculty & Student Updates:

- **“Friends of Iowa” Neuroscience Program Reception at Society for Neuroscience (SfN)**
  This is a wonderful opportunity to catch up with friends and colleagues who have connections to the Neuroscience community at The University of Iowa, and to meet with new (and potential) students and faculty. Food will be provided. There will be a cash bar. George Richerson, MD, PhD, has graciously offered to assist in hosting the party. The “Friends of Iowa” Reception is made possible, in part, by generous contributions from the departments of Neurology and Psychiatry, as well as the Neuroscience Program.  
  - November 15, 2016 (Tuesday) at 6:30pm-8:30pm, Newport Room at the Marriott Marquis San Diego Marina

- **Burroughs Wellcome Fund—Postdoctoral Enrichment Program**
  The Postdoctoral Enrichment Program (PDEP) provides a total of $60,000 over three years to support the career development activities for underrepresented minority postdoctoral fellows in a degree-granting institution (an institution includes its affiliated graduate and medical schools, hospitals and research institutions) in the United States or Canada whose training and professional development are guided by mentors committed to helping them advance to stellar careers in biomedical or medical research. Application deadline is January 17, 2017. More information and application instructions can be found on the [website](#).

- **Two Year Post-Doctoral Fellowship: Cognitive Methods & Technologies for Learning Empowerment, University of Milan (Italy)**
  Our multidisciplinary team is seeking qualified candidates for a research-focused post-doctoral fellowship on cognitive empowerment and learning processes. We are seeking one outstanding researcher to join us in developing new tools and methods to support cognitive empowerment and learning processes. The position is intended for two years + a two-year renewal. Activities will be carried out at the Department of Philosophy of the University of Milan (Università degli studi di Milano, Italy) in collaboration with schools and clinical centres. A Ph.D in psychology/cognitive science or related fields is required. **Post-Doc ideal candidates should:**
  1. have relevant publications in international journals and conferences
  2. Speak fluently English (Italian is also required in order to carry out research activities with Italian children/adults)
  3. own at least two of the following expertise:
     1. Programming for development/customization interactive tools
     2. EEG signal processing
     3. Leading research activities on children/adult with learning disorders
     4. Augmented didactics
  Suitable candidates can introduce themselves and/or asking for information by contacting Claudio Lucchiari
  
  Application form [More information](#) Deadline is November 15th

- **Postdoctoral Research Scientist Position at University of California San Francisco**
  The Brain Imaging and EEG Lab (BIEEGL) stands at the forefront of clinical neuroscience, focused on understanding the neural mechanisms responsible for the devastating symptoms of schizophrenia and psychosis. Our major research tools are electroencephalography (EEG) and functional magnetic resonance imaging (fMRI). These complementary tools allow assessment of brain function with millisecond resolution in the time domain, and millimeter resolution in the spatial/anatomical domain. BIEEGL is looking for talented post-doctoral neuroscientists interested in pursuing innovative brain science to answer some of most perplexing questions about psychosis. Postdoctoral fellows will have unique opportunities to work in close collaboration with our team of neuroscientists, psychologists and psychiatrists. This is an excellent position for someone looking to integrate their skillset into a large research group of clinical neuroscientists, with the expectation of undertaking data analysis and assisting in preparation of manuscripts/grant applications for a multiple-PI laboratory. (Note, co-authorships are expected to result from the postdoctoral fellow's collaboration with PIs. However, the core function of this position will be data analysis and technical support, rather than project lead; therefore, this position is not ideal if the primary career goal is to develop an independent line of research/prepare for the academic faculty market.) **The ideal candidate will have:** Matlab programming and data analysis expertise, experience with human brain imaging (EEG and fMRI) including analysis on both individual subject and group levels, experience applying QA programs to ensure high quality data, strong quantitative and analytical skills, creative problem solving skills, excellent verbal and written communication skills, interest in manuscript/grant preparation (emphasis on contributing to methods/results sections and figures), desire to work with an amicable, energetic, interdisciplinary team, and a PhD in Neuroscience or in a related field. Email CV/inquiries to [postdoc@bieegl.net](mailto:postdoc@bieegl.net).