



July, 2018

Honors and Awards

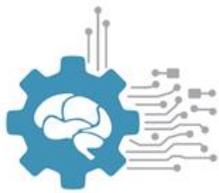
- Congratulations to **Kaitlyn Casimo** who defended her doctoral dissertation successfully last month.
- Congratulations to **David Caldwell** who passed his general examination last month.
- Congratulations to **Laura Arjona** who was awarded a 2018 UWIN Postdoctoral Fellowship to work with CSNE faculty members Josh Smith and Chet Moritz.
- **Kristen Bergsman**, CSNE Engineering Education Research Manager, won “Best Paper in Division” at the 2018 American Society for Engineering Education meeting for her paper titled “The 'Structured' Engineering Design Notebook: A New Tool for Design Thinking within a Studio Design Course.”
- **Lise Johnson**, who was the CSNE University Education Manager since 2011, has moved to Denver to start a new job at the Colorado Neurological Institute.

Upcoming Seminars, Lectures, Courses, Conferences

- Mark your calendars! The **2019 Neural Computation and Engineering Connection (NCEC)** will be held on January 24-25, 2019. This exciting two-day event will be held on the UW campus; it will be a half day on Thursday, January 24th (~11:30am-6pm) and a full day, including an early evening reception, on Friday, January 25th (~8:30am-6pm). This annual event is co-hosted by UWIN, the Computational Neuroscience Center, and the CSNE.

New CSNE Publications

- Viaña, J.N.M., Carter, A. and **Gilbert, F.**, Of meatballs and invasive neurotechnological trials: Additional considerations for complex clinical decisions, *AJOB Neuroscience*, 9:2, 100-104, 2018.
- **Gilbert, F.**, Viaña, J.N.M. and Ineichen, C., Deflating the BDBS causes personality changes bubble. *Neuroethics*. Published online, June 19, 2018, <https://doi.org/10.1007/s12152-018-9373-8>.
- Remington, E.D., Narain, D., Hosseini, E.A. and **Jazayeri, M.**, Flexible sensorimotor computations through rapid reconfiguration of cortical dynamics, *Neuron*, 98:1005-1019, 2018.
- **Inanici, F., Samejima, S., Gad, P., Edgerton, V.R., Hofstetter, C.P. and Moritz, C.T.**, Transcutaneous electrical spinal stimulation promotes long-term recovery of upper extremity function in chronic tetraplegia, *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 26:1272-1278, 2018.



- **Moritz, C.T.**, Now is the critical time for engineered neuroplasticity, Neurotherapeutics, published online on June 11, 2018, <https://doi.org/10.1007/s13311-018-0637-0>.
- Grassia, F., Poliakov, A.V., Poliachik, S.L., **Casimo, K.**, Friedman, S.D., Shurtleff, H., Giussani, C., Novotny, E.J., Jr., **Ojemann, J.G.** and Hauptman, J.S. Changes in resting-state connectivity in pediatric temporal lobe epilepsy. J Neurosurg Pediatr. 2018 Jun 22:1-6. doi: 10.3171/2018.3.PEDS17701.
- Kilias, A., **Canales, A.**, Froriep, U.P., **Park, S.**, Egert, U. and **Anikeeva, P.** Optogenetic entrainment of neural oscillations with hybrid fiber probes. J Neural Eng. 2018 Jun 20. doi: 10.1088/1741-2552/aacdb9.

CSNE in the News

- The CSNE provides mentors for local high school students: <http://csne-erc.org/engage-enable/post/csne-provides-mentors-local-high-school-students>
- New, carbon-based neural probe provides a robust, multimodal platform for better understanding the brain: <http://csne-erc.org/feature-stories/new-carbon-based-neural-probe-provides-robust-multimodal-platform-better>

Recent Papers of Interest to the CSNE Community

- Downey, J.E., Schwed, N., Chase, S.M., Schwartz, A.B. and Collinger, J.L., Intracortical recording stability in human brain-computer interface users, J. Neural Engineering, Volume 15, Number 4.
- Ramanathan, D.S., Guo, L., Gulati, T., Davidson, G., Hishinuma, A.K., Won, S-J., Knight, R.T., Chang, E.F., Swanson, R.A. and Ganguly, K., Low-frequency cortical activity is a neuromodulatory target that tracks recovery after stroke, Nature Medicine (2018), published June 18, 2018, <https://www.nature.com/articles/s41591-018-0058-y>

Grant and Funding Opportunities

- BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00 Independent Clinical Trial Not Allowed) <https://grants.nih.gov/grants/guide/pa-files/PAR-18-814.html>
- BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99/R00 Independent Clinical Trial Required) <https://grants.nih.gov/grants/guide/pa-files/PAR-18-813.html>
- Beckman Young Investigators Program <http://www.beckman-foundation.org/programs/beckman-young-investigators-program-information>



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- UW Computational Neuroscience Graduate Training Program; 2018 applications are due on August 1:
<http://compneuro.washington.edu/wordpress/training-programs/graduate-training-program/>
- UW Computational Neuroscience Undergraduate Training Program; 2018 applications are due on October 12:
<http://compneuro.washington.edu/wordpress/training-programs/undergraduate-training-program/>
- Science & SciLifeLab Prize for Young Scientists:
http://www.sciencemag.org/prizes/science-scilifelab-prize-young-scientists?et_rid=79861918&et_cid=2124284
- The Facebook Fellowship Program
<https://research.fb.com/programs/fellowship/>

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