

**Florida Consortium on the Neurobiology of**  
**Cognition (FCNC) 2019 Conference Schedule**

**Thursday, May 16**

2 pm – Data Blitz and Welcome reception

Moderator: Sara Burke, see lineup of speakers below

Cypress and Grove (<https://cypressandgrove.com/>) 1001 NW 4th St, Gainesville, FL 32601

Light appetizers and food for purchase

**Florida Consortium on the Neurobiology of Cognition 2019**

**Opening Datablitz Session (5 min/talk)**

- 1) Tian Lin (post doc, UF Psychology): "*Neurofeedback Training of Selective Attention in Advanced Age: A Real-Time fMRI Approach Targeting dACC Plasticity*"
- 2) Puck Reenders (grad student, FIU Psychology) "*mPFC activations reflect ordinal representation during sequence memory in humans*"
- 3) Nick Dicola (grad student, UF Neuroscience): "*Age-related decreases in CA3-CA1 ripple coordination*"
- 4) Brandon Hindman (grad student, FAU Psychology): "*Consolidation of Long-Term Object Memory in C57BL/6J mice is Enhanced by Systemic Administration of a Dopamine D1 Agonist, or Post-training Exposure to a Novel Context*"
- 5) Aleks Tomic (grad student, UF Linguistics): "*Effects of code-switching on emotional processing of taboo words*"
- 6) Andrew P. Maurer (PI, UF Neuroscience): "*The gamma oscillation in the dentate gyrus*"
- 7) Mandy Renfro (grad student, FIU Psychology): "*Learning related changes in hippocampal and caudate activations for conditional association*"
- 8) Didem Pehlivanoglu (postdoc, UF Psychology): "*Chronic Oxytocin Administration in Older Men Increases Trust Towards Out-Group Members*"
- 9) Claire Rice (grad student, FAU Psychology): "*Small conductance Ca<sup>2+</sup> activated K<sup>+</sup> channels modulate the expression of ketamine-induced cognitive impairments in C57BL/6J mice*"
- 10) Leah Truckenbrod (grad student, UF Neuroscience): "*Targeted hippocampal GABA neuron ablation produces hippocampal sclerosis, epilepsy, and dissociable effects on the Morris Water Maze and Object-Place Paired Association tasks*"

## **Friday, May 17**

- 8:30 am Welcome and opening remarks, DeWeese Auditorium
- 9:00-10:15 am **Keynote address**, DeWeese Auditorium  
Dr. Karyn Frick, Professor Department of Psychology  
University of Wisconsin-Milwaukee  
*“Neural mechanisms underlying the estrogenic regulation of memory consolidation”*
- 10:15-10:30 am coffee break
- 10:30-11:30 am **Symposium I: Prefrontal cortical-medial temporal lobe interactions**  
Chairs: Dr. Abbi Hernandez and Maanasa Jayachandran  
Dr. Abbi Hernandez (postdoc, UF Neuroscience): *“Age-related alterations in biconditional associations and underlying PFC-MTL circuitry”*  
Dr. Sarah Johnson (postdoc, UF Neuroscience): *“Differential recruitment of medial temporal lobe by mnemonic discrimination in young and aged rats”*  
Christine Simmons (graduate student, FSU Neuroscience): *“Reference Frame Coordination for Spatial Orientation”*  
Maanasa Jayachandran (graduate FIU, Psychology): *“Prefrontal pathways provide top-down control of memory for sequences of events”*
- 11:30-12:00 pm **Featured FCNC Talk**  
Dr. Aaron Wilber, Assistant Professor, Psychology & Neuroscience  
Florida State University  
*“Parietal-Hippocampal Network for Reference Frame Transformation for Spatial Orientation in Health and Disease”*
- 12:00-1:00 pm Lunch Break, catered in DeWeese
- 1:00-2:00 pm **Symposium II: Brain, language, and bilingualism**  
Chairs: Dr. Edith Kaan and Dr. Elenora Rossi  
Dr. Eleonora Rossi (PI, UF Linguistics): *“Bilinguals and language learning: MRI and fMRI research”*  
Dr. Edith Kaan (PI, UF Linguistics) and Jorge Valdes Kroff (PI, UF Spanish & Portuguese studies): *“Code switching in Spanish-English bilinguals: an ERP/EEG study”*  
Dr. Lori Altmann (PI, UF Speech, Language and Hearing Sciences): *“Effect of exercise on language production in Parkinsons”*  
2 min Data blitzes:  
Dr. Souad Kheder (postdoc, UF Linguistics): *“Language control in code-switchers: Does cognitive control decline with codeswitching?”*

Atharva Chopde (undergrad, UF Linguistics): “*Effects of transcutaneous vagus nerve stimulation on phonological memory and statistical language learning*”

Brian Orr (grad student, UF Speech, Language and Hearing Sciences): “*Assessing Implicit Auditory Category Learning Using Language-Based Stimuli*”

Jingchen Xu (grad student, UF Speech, Language and Hearing Sciences): “*Tracking Eye-movement in Comprehension of Passives within Relative Clauses*”

2:00-2:30 pm

**Featured FCNC Talk**

Dr. Natalie Ebner, Associate Professor Department of Psychology  
University of Florida

“*Oxytocin and Human Aging: Brain-Behavioral Evidence of Benefits on Cognitive and Socioemotional Functioning*”

2:30-3:30 pm

Symposium III: Sex differences and mental health

Chair: Kristin Schoepfer

Dr. Caitlin Orsini (postdoc, UF Psychiatry): “*Hormonal regulation of risky choice*”

Dr. Caesar Hernandez (postdoc, UF Neuroscience): “*Hormonal regulation of impulsive choice*”

Kristin Schoepfer (grad student, FSU Neuroscience): “*Sex differences in environmental valence processing*”

3:30-4:30pm

Symposium IV: Cognitive function in aging and neurodegenerative disease

Chairs: Alina Stimmel and Danielle Benthem

Alina Stimmel (grad student, FSU Neuroscience): “*Functional and pathological changes in the parietal-hippocampal network underlie impaired spatial reorientation in AD mice*”

Dr. Yenisel Cruz-Almeida (PI, UF Aging): “*Chronic Pain and Accelerated Biological Aging*”

Danielle Benthem (grad student, FSU Neuroscience): “*Compensatory sleep changes and impaired memory reactivation in a mouse model of Alzheimer’s disease*”

Dr. Barry Setlow (PI, UF Neuroscience): “*Could peripheral nerve stimulation be an effective treatment for cognitive decline in aging?*”

5:30

Dinner for FCNC group at **Leonardo’s 706**

706 W University Ave, Gainesville, FL 32601