



# Psychology and Neuroscience

UNIVERSITY OF COLORADO **BOULDER**

## Department of Psychology & Neuroscience 2016 Honors Graduates

May 2016

### **CUM LAUDE**

Emma Rosa, *Uncovering the underlying essence of fatherhood: Psychological essentialism and perceptions of fathers*, Advisor: Dr. Bernadette Park

### **MAGNA CUM LAUDE**

Solana Archuleta, *Effect of withdrawal from chronic adolescent caffeine consumption on anxiety behaviors and the serotonin system*, Advisor: Dr. Ryan Bachtell

Morgan Blaker, *Developmental transitions in private speech: Implications for real world executive function*, Advisor: Dr. Yuko Munakata

Alida Eide, *Life happiness of women through exercise intervention*, Advisor: Dr. Angela Bryan

Claire Koljack, *The Brain Derived Neurotrophic Factor (BDNF) val66met polymorphism moderates the effect of subjective experience on long-term exercise maintenance*, Advisor: Dr. Angela Bryan

Daniel Kusko, *Learning effects on pain generalize to perceptually and conceptually similar cues and modify pain perception*, Advisor: Dr. Tor Wager

Nicole Rumian, *Exercise during the juvenile period produces long lasting stress protection potentially subserved by epigenetic alterations to the serotonergic system*, Advisor: Dr. Monika Fleshner

Hayley Brown, *The effects of interactive screen media and desirable difficulty on word learning in young children*, Advisor: Dr. Eliana Colunga

Mary Roszel, *Effect of learning environment on parent-child interaction and word learning*,  
Advisor: Dr. Eliana Colunga

Ashley Schuett, *Attention directs emotion: Directed attention drives emotional intensity and distinctiveness of facial perception*, Advisor: Dr. Leaf Van Boven

## **SUMMA CUM LAUDE**

Maryam Amini, *Comorbidity between Alzheimer's disease and seizure episodes*, Advisor: Dr. Michael Stowell

John Logan Brock, *Sex differences in the efficacy of combined IL-10 and IL10R1 gene therapy for neuropathic pain in mice*, Advisor: Dr. Linda Watkins

Levi Davis, *Application of DTW Barycenter Averaging to finding EEG consensus sequences*,  
Advisor: Dr. Tim Curran

Timothy Helmuth, *Methylation of the Brain Derived Neurotrophic Factor gene in Alcohol Use Disorder*, Advisor: Dr. Kent Hutchison

Hardik Patel, *Investigating the sensitivity of juvenile social exploration at detecting the affective consequences accompanying chronic neuropathic pain*, Advisor: Dr. Linda Watkins

Jessica Smith, *Multigenerational depression and anxiety influence maternal measures of stress*,  
Advisor: Dr. Serge Campeau

Blair Swearingen, *Expression in the prefrontal cortex of male rats, and sex differences in stress-induced Cry1 expression in the hypothalamic suprachiasmatic and paraventricular nuclei of male and female rats*, Advisor: Dr. Robert Spencer

Carly Carrasco-Wyant, *Disordered eating and exercise behaviors during university transition*,  
Advisor: Dr. Mark Whisman

Madeline Fritz, *The association between adolescent marijuana use and early adulthood depression*, Advisor: Dr. Soo Rhee

Joy Walters, *Effects of trait anxiety and depression on working memory updating*, Advisor: Dr. Akira Miyake

# December 2016

## CUM LAUDE

Deyanira Enriquez, *Uncovering perceived threat on the basis of preferential attention to race*, Advisor: Dr. Josh Correll

Kelilani Johnson, *Curiosity model for a novel behavioral measure of specific and diversive curiosity and its correlation to academic performance and religiousness and political interest and affiliation*, Advisor: Dr. Matt Jones

## MAGNA CUM LAUDE

Kyle Kirkland, *The effect of note taking media and preference on the cognitive processes involved in learning*, Advisor: Dr. Alice Healy

Jessica Williams, *Joint attention in toddler vocabulary acquisition*, Advisor: Dr. Eliana Colunga

## SUMMA CUM LAUDE

Aerin Scoles, *Intimate relationship involvement, intimate relationship quality, and psychopathology among African American adolescents*, Advisor: Dr. Mark Whisman

Jeremy Taylor, *Absent or not?: classically conditioning spike-and-wave discharge in Sprague Dawley rat*, Advisor: Dr. Dan Barth

Kathryn Rhoades, *Genetic and contextual influences on risky sexual behavior: dopamine polymorphisms*, Advisor: Dr. Mike Stallings