



Psychology and Neuroscience

UNIVERSITY OF COLORADO **BOULDER**

Department of Psychology & Neuroscience 2019 Honors Graduates

May 2019

CUM LAUDE

Nicolas Harting, *Effects of intranasal oxytocin administration on social influence effects on pain*, Advisor: Dr. Tor Wager

Samantha Samadhi Walisundara, *In her own skin: Mindfulness for young women*, Advisor: Dr. Sona Dimidjian

Brandon Yeo, *Associations and interactions: Personality aspects, life stress, and depression in college students*, Advisor: Dr. Mark Whisman

MAGNA CUM LAUDE

Allison Bernier, *The effects of immunization with heat-killed Mycobacterium vaccae on maternal stress and terbutaline induced changes in microglial density*, Advisor: Dr. Dan Barth

Sydney Krieg, *Childhood trauma and symptoms of depression and anxiety: Does disclosure of trauma and responses of others make a difference?*, Advisor: Dr. Mark Whisman

Maya Louise Martinko, *Regional implicit bias in relation to contact and threat theories*, Advisor: Dr. Josh Correll

Drianna Mustin, *Participation in sports, level of self-esteem, and major depression in adolescents*, Advisor: Dr. Mark Whisman

Max Povejsil, *Brain neurotransmitters, cognitive control, and resting heart rate variability (rHRV) in the MRI environment*, Advisor: Dr. Marie Banich

Sarah Vacek, *Childhood traumas and adolescent psychopathology in a probability sample*, Advisor: Dr. Mark Whisman

Madison Webb, *The effect of partisan cues and message content on the perceived believability of politicians*, Advisor: Dr. Leaf Van Boven

SUMMA CUM LAUDE

Kylia Ahuna, *Identifying neuronal populations underlying social buffering*, Advisor: Dr. Zoe Donaldson

Taisa Boguslavsky, *When do imposed delays help children's inhibitory control? Effects of stimulus visibility in day-night stroop*, Advisor: Dr. Yuko Munakata

Nick Brennan, *Examination of time-of-day differences in fear-related memory behavior in male and female rats*, Advisor: Dr. Robert Spencer

Lauren Anne Buchanan, *Mindfulness as a buffer of the associations between stress, neuroticism, and relationship satisfaction in partnered college students*, Advisor: Dr. Mark Whisman

Isabella Conte, *Targeting fat talk frequency: Changes associated with participation in the body project*, Advisor: Dr. Sona Dimidjian

Shawn D'Souza, *Diffusion tensor imaging: In vivo white matter structural and connectivity evaluation of glioma pathophysiology for future clinical application*, Advisor: Dr. John Thompson

Renee Dreher, *Development of laparotomy as an animal model for post-operative pain enhancement by morphine*, Advisor: Dr. Linda Watkins

Christopher Epp, *Individual differences in working memory updating: Examining the effects of worry and repetitive negative thinking*, Advisor: Dr. Akira Miyake

Dani Grant, *The effect of attention and emotion on prosocial behavior*, Advisors: Dr. Eric Pedersen & Dr. Leaf Van Boven

Christina Guarino, *They all look the same to me: Exploring the cross-race deficit and the perceptual learning hypothesis*, Advisor: Dr. Josh Correll
Rafe Morgan Kossak, *The effect of 'Teach an LA' on self-reported measures of student self-efficacy*, Advisor: Dr. McKell Carter

Cate Levy, *Examination of the role of neuroimmune signaling in drug addiction*, Advisor: Dr. Ryan Bachtell

Haley Lippman, *The impacts of Hymenolepis diminuta colonization on chronic pain and the central nervous system in Sprague Dawley rat*, Advisor: Dr. Linda Watkins

Grace Merritt, *Relationship status, positive and negative elements of relationship quality, and social anxiety*, Advisor: Dr. Mark Whisman

Eric H. Mitten, *(+)-Naltrexone effects on anhedonia-like symptoms in a low-dose model of experimental autoimmune encephalomyelitis*, Advisor: Dr. Linda Watkins

Anouk Elisabeth Wilhelmina Schrama, *Toll-like receptor 2 and 4 antagonism reverses neuropathic pain and associated spinal inflammation in male and female Dark Agouti rats in a model of multiple sclerosis*, Advisor: Dr. Linda Watkins

Hayley Tomkiewicz, *Explaining individual differences in reward-seeking and harm-avoidance in adolescence using a childhood behavioral inhibition measure*, Advisor: Dr. Naomi Friedman

Alexandra Rose Young, *Depression and evolutionary-based coping responses: gender differences in tend-and-befriend versus fight-or-flight behaviors in college students*, Advisor: Dr. Mark Whisman

December 2019

MAGNA CUM LAUDE

Karen Arizbeth Uvina, *Family cohesion and conflict and suicidal ideation and behavior in the US Latinx population*, Advisor: Dr. Mark Whisman

SUMMA CUM LAUDE

Madison Clements, *TLR2 and TLR4 cascade involved in the multifaceted symptoms of experimental autoimmune encephalomyelitis (EAE), a model of multiple sclerosis*, Advisor: Dr. Linda Watkins

Logan Thrasher Collins | *Structural brain mapping using antibody-conjugated gold nanoparticles and X-ray microscopy*, Advisor: Dr. Michael Saddoris

Nicholas Girardi | *Evaluating stressor controllability effects on cognitive flexibility and catecholamine release in male and female rats*, Advisor: Dr. Steven Maier

Jessica Rea | *Investigating the effects of cocaine experience on dopaminergic and glutamatergic inputs to the nucleus accumbens using optical self-administration*, Advisor: Dr. Michael Saddoris

Bailey Steele | *BIS/BAS motivational systems, partner behavior, and relationship satisfaction*, Advisor: Dr. Mark Whisman