

Honors Capstone Conference Faculty Development Center May 4, 2018 11:00-4:30pm

Featured Presentations FDC 118

- 11:00-11:20 Refreshments, Poster Review, Conference Welcome
- 11:20 – 11:40 **Nicole Klueker** (Biology): In Utero Growth Rates of Nigerian Dwarf Dairy Goats
- 11:40–12:00 **Branden Escobar** (Computer Science): An Environmental Internet of Things Solution for Wild Pig Tracking
- 12:00-12:20 **Karina Enriquez** (Computer Science): Faster Face Detection Using Convolutional Neural Networks & the Viola-Jones Algorithm
- 12:20-12:40 **Kelly Stahl** (Math & Computer Science): Fake News Detection in Social Media
- 12:40-1:00 **Timothy Trammel** (Cognitive Studies): Data-Informed, Agent-Based Model of Information Dissemination within Social Media Networks
- 1:00-1:20 **Capstone Research Poster Displays (Juniors and McNair Scholars) and Service Learning Poster Displays (Sophomores)**
- 1:20-1:40 **Royal Sandhu** (Biology): Effects of Acanthocephalan Parasitism on the Fecundity of the Pacific Mole Crab, *Emerita analoga*
- 1:40-2:00 **Livier Camarena** (Biology): Relationship between Airborne Proteins in the Central Valley Area and Allergies
- 2:00-2:20 **Najiba Afzal** (Biology): Isometrically Pure, Mono-Bromination of an Organic Compound
- 2:30-3:15 **Keynote Address: Edgar Campbell, IV** (Ph.D. Candidate in the Department of Chemical & Systems Biology, Stanford School of Medicine and Stan State Honors Program alumnus, graduated in the Class of 2013 with a B.S. in Biology and a minor in Chemistry) The Role of Prions as Protein-Based Epigenetic Elements
- 3:20-3:40 **Poster Review, Informal Conversation with Keynote Speaker**
- 3:40-4:00 **Maximiliano Rodriguez** (Philosophy): The Streets are Uneven
- 4:00–4:20 **Justin Yee** (Philosophy): Stabilizing Kant’s First and Second Critiques: Causality and Freedom
- 4:20-4:30 **Closing Remarks**

Featured Presentations FDC 103

- 11:20–11:40 **Mariah Nebre** (Sociology): Social Discrimination against People with Albinism
- 11:40–12:00 **Nama O’Donnell** (Psychology): “Sugar Dating” among College Students in the United States
- 12:00–12:20 **Isaac Sada** (Biology): Diagnosing Dyslexia
- 12:20-12:40 **Janeth Garcia** (Biology): Genetic Factors in the Y Chromosome Related to Autism Spectrum Disorder
- 12:40–1:00 **Tiffany Spencer** (Cognitive Studies): Is it Sensory or Social?: Determining the Significance of Sensory Processing Disorder as a Diagnosable Disease by its Relation to Autism Spectrum Disorder
- 1:20-1:40 **Britney Johnston** (Biology): The Endangerment and Conservation of Big Cats in the Old World
- 1:40–2:00 **Anela Medeiros** (Biology): Training of North American Porcupine (*Erethizon dorsatum*) to Allow for Subcutaneous Injections Using Positive Reinforcement
- 2:00-2:20 **Alexis Johnson** (Anthropology): Identity Unearthed
- 3:20-3:40 **Wesley Manuel** (History): The Geographic Impact of the Railroad on the First Battle of Manassas/Bull Run
- 3:40-4:00 **Rebecca Estrada Aguila** (Anthropology): The Importance of Invisible People and Places in the American West: An Archaeological Case Study in the San Luis Valley, CO
- 4:00-4:20 **Rebecca Forsman** (Anthropology): The Rise and Demise of the Ancestral Pueblo

Featured Presentations FDC 114

- 11:40–12:00 **Pristine Bui** (Nursing): Skin-to-Skin Care: The Power of Touch
- 12:00-12:20 **Sheenah DeMayo** (Nursing): Why Are There Fewer Men in the Maternal-Newborn Field of Nursing?
- 12:20-12:40 **Erik Jimenez** (Biology): Healthcare Reform and Issues with Insurance
- 12:40-1:00 **Sunpreet Kaur** (Biology): New Perspectives on Defeating Multidrug Resistant Pathogens
- 1:20-1:40 **Raymond Mahnke, III** (English): An Inquiry into the Effects of Smartphone Use on Reading Comprehension
- 1:40-2:00 **Angelica Lee** (Liberal Studies): Technology as a Tool or Carrot?
- 2:00-2:20 **Jacklyn Heslop** (English): Students as Consumers: Undergraduate Perceptions on Higher Education
- 3:20-3:40 **Margaret Lunt** (Art): The Effects of Environmental Color in Higher Education Classrooms
- 3:40-4:00 **Jocelyn Camarillo** (Sociology & Ethnic Studies): Predicting Latino Academic Success: The Impact of College Aspirations and Mentorship
- 4:00-4:20 **Alejandra Andrade** (Spanish): Bilingualism in the Education of Adolescents

