Spring 2015

JORDAN COLLEGE OF AGRICULTURAL SCIENCES AND TECHNOLOGY

Plant Science

Michelle Dennis
Evaluation of Saflufenacil on Glyphosate-Resistant and Glyphosate-Paraquat Resistant Hairy Fleabane (Conyza bonariensis)
(Chair: Anil Shrestha)

Adam Novicki
Evaluation of Oil Seed Cover Crops as a Pre-Bloom Alternate Food Source for Pollinator Honeybees (Apis mellifera) in the San Joaquin Valley
(Chair: John Bushoven)

Rama Paudel
Effects of Ozone and Water Deficit on Stomatal Kinetics, Diel Trends in Stomatal Conductance, Growth and Allometry in Crops and Weeds
(Chair: Anil Shrestha)

Viticulture and Enology

Michael Cook
The Interactive Effects of Fruit Zone Light Management and Applied Water Amounts on Merlot Grapevine Productivity and Phenolic Composition
(Chair: Kaan Kurtural)

Clinton Nelson
Zinfandel Productivity is Managed by Pruning Systems, Applied Water Amounts, and Rootstocks in a Hot Climate
(Chair: Kaan Kurtural)

Victoria Towers
The Evaluation of Plant Growth Regulators on Scarlet Royal Table Grapes to Determine Post Harvest Quality
(Chair: Sonet Van Zyl)
COLLEGE OF ARTS AND HUMANITIES

Art

**Yulia Gasio**
The Historiography of the Stećci  
*(Chair: Keith Jordan)*

Creative Writing—Master of Fine Arts

**Brandon Baker**
*Pretend*
*(Chair: Randa Jarrar)*

**Emily Basiletti**
*On Melancholia: A Memoir of Stigma and Survival*
*(Chair: Steven Church)*

**Amber Brodie**
*Ribbed With Willow*
*(Chair: Corrinne Hales)*

**Phyllis Brotherton**
*Methods of Accounting*
*(Chair: John Hales)*

English

**Jeremiah Henry**
*Literature as Cultural Catalyst or Cataclysm?: Friction Zones in Myth, Folklore, and Religion in Victorian Fiction*
*(Chair: Ruth Jenkins)*

Linguistics

**Edvard Bikbaev**
*VP Clauses in Russian*
*(Chair: Brian Agbayani)*

**Nicole DerSimonian**
*Sketch of Chalon Phonology*
*(Chair: Chris Golston)*
Heather McGrew
High Vowel Deletion in Wikchamni
Geminates
(Chair: Chris Golston)

Niklas Ratzlaff
A Cross Comparison and Efficacy Study of Duolingo and an Entry-Level German 1A Course
(Chair: Sean Fulop)

Nalee Thao See
An Exploration of Hmong Lexical Adverbs, Aspects, and Moods
(Chair: Brian Agbayani)

COLLEGE OF HEALTH AND HUMAN SERVICES

Communicative Disorders and Deaf Studies

Alicia Tennant-Albarran
Teaching Morphologic Structures Denoting Verb Tense to Children Diagnosed with Language Disorders Using Video Animation Compared to Picture Stimuli
(Chair: Christine Maul)

Kinesiology

Nathan Lee
The Relationships Between Mindful Self-Compassion and Pre-Competition, Facilitative State-Anxiety of NCAA Women’s Equestrian Team Athletes
(Chair: Jenelle Gilbert)

Fanchon Ohlrogge
The Effects of the Psycho-emotional Profile of an Athlete Who Continues to Participate with Sport Injury
(Chair: Dawn Lewis)

Nursing

Annie Fagundes
Outcomes for U.S. Veterans with Combat-Related Posttraumatic Stress Disorder: Use of Certified Service and Therapeutic Companion Dogs
(Chair: Keitha Mountcastle)

Annie Fagundes sought to identify the perceptions about canine-assisted therapy from U.S. veterans with PTSD.
Sheena Keding
Examining the Relationship Between Circadian Rhythm and Discontinuation of Mechanical Ventilation
(Chair: Christine Ortiz)

Crystal Teague
Improving Transition of Care Management Through the Use of an Evidence-Based Patient/Family Education Program
(Chair: MaryAnn McCarthy)

Social Work Education

Laura Dinges
The Relationship Between Horse-Client Personality Similarity, Attachment, and Therapeutic Outcome in Equine-Assisted Activities and Therapies
(Chair: Kris Clarke)

Julian Garza
The Impact of Historical Trauma on Native Americans
(Chair: Betty Garcia)

Anjanetta Green
Utilization of Psychotropic Medication Among Foster Youth
(Chair: Jane Middleton)

Lynzi Lowe
Teachers’ Uses and Perceptions of Reward Systems in Elementary Schools in Rural Areas of the Central Valley of California
(Chair: Debra Harris)

Ana Pano
The Level of Awareness of Madera County Child Welfare Workers on Commercially Sexually Exploited Children
(Chair: Donna Hardina)

Chelsea Sathoff
Alcohol Use Among Active Duty Military Personnel
(Chair: Jane Middleton)

Pa Xiong
Resiliency Among Hmong Women Who Were Teen Mothers
(Chair: Donna Hardina)
Educational Leadership

Renee Delport
Professional Development for Community College Student Services Practitioners: Capacity, Competency, Diversity
(Chair: Susana Hernández)

Biology

Robert Delmanowski
Development of an Enzyme-Linked Immunosorbant Assay to Determine Hemolymph Levels of Vitellogenin in Petrolisthes cinctipes and petrolisthes manimaculis
(Chair: Brian Tsukimura)

Chemistry

Hafez Alawdi
Electrochemical Heterogeneous Electron Transfer Rate Constants and Thermodynamic Parameters of Gold Nanoparticle Assemblies with Different Alkanethiolate Ligands
(Chair: Jai-Pil Choi)

Chengsheng Chen
Synthesis and Biological Evaluation of Two Classes of Promising, Curcumin-Inspired Anticancer Agents
(Chair: Qiao-Hong Chen)

Daysi Cruz Ordonez
Determination of HPLC/MS/MS Capabilities for the Monitoring of Trace Level Pharmaceuticals and Personal Care Products (PPCP) in Environmental Samples
(Chair: Eric Person)

Sowmya Tummala
Investigation of the Sources of Hydrogen Peroxide in Ambient Particulate Matter
(Chair: Alam Hasson)

Sowmya Tummala sought to quantify reactive oxygen species (ROS) specifically H2O2 generation by particles as well as to elucidate the components in particles that are responsible for ROS generation.
**Physics**

Matthew Bright  
Time-Dependent Non-Abelian Aharonov-Bohm Effect  
*Chair: Doug Singleton*

Jaryd Ulbricht  
Study of the Sensitivity for Searches for Excited Bosons (W*) in Dijet Final States in Proton-Proton Collisions at √ = 13 TeV with the Atlas Detector at the LHC  
*Chair: Yongsheng Gao*

**Mathematics**

Hilary Bese  
The Well-Covered Dimension of the Adjacency Graph of Generalized Quadrangles  
*Chair: Oscar Vega*

David Heywood  
Multiplier Sequences of the Second Kind  
*Chair: Tamas Forgacs*

**Psychology**

Anthony Carvalho  
A Self-Report Measure of Number Sense  
*Chair: Paul Price*

Audrey Monke  
The Perceived Impact of Camp Experiences on Youth Social Skills and Subjective Well-Being  
*Chair: Constance Jones*

Audrey Monke examined the perceived impact of a 2-week residential camp experience on children’s social skills and happiness.

**School Psychology (Ed.S.)**

Emily Adolph  
A Comparison of Parent and Teacher Attitudes About the Inclusive Education of Children with Autism  
*Chair: Marilyn Wilson*

Kira Armbruster  
School Psychology as a Profession: Undergraduate Students’ Knowledge and Interest  
*Chair: Constance Jones*

Nuvia Bernal  
Willingness to Teach: A Look at Perceptions of Incorporation of Social Skills in the Classroom  
*Chair: Hong Ni*
Esmerelda Castro
Using Dynamics Indicator of Basic Early Literacy-Oral Reading Fluency to Predict Performance on the California Standards Test-English Language Arts Test
(Chair: Constance Jones)

Erin Parreira
General Education Teachers’ Perceptions and Training on the Inclusion of Students with Disabilities
(Chair: Marilyn Wilson)

Krushenka Salazar
Educational Aspirations of Latino-Immigrant Mothers and Their Adolescent Children
(Chair: Lorin Lachs)

Gabriela Zamora
School Professionals’ Roles in and Satisfaction with Response to Intervention
(Chair: Hong Ni)

Krushenka Salazar examined the accuracy with which Latino-immigrant mothers perceive their children’s educational aspirations and the accuracy of children’s perceptions of their mothers’ educational aspirations for them.

COLLEGE OF SOCIAL SCIENCES

History
Kat Boniface
Horse Power: Social Evolution in Medieval Europe
(Chair: Mark Arvanigian)

Matthew Ford
Subverting Democracy, Producing Terror: The United States and the Uruguayan Cold War, 1963-1976
(Chair: Maria Lopes)

Anna Moreno Keithley
“Securing Satisfaction”: Progressive Era African American Citizenship and Gender Presentation in a Small Rural Community
(Chair: Daniel Cady)

Jeffrey Moosios
House of Ice and Cod: The U.S.-Icelandic Alliance Throughout the Cold War
(Chair: Lori Clune)

Anna Moreno Keithley provides a “rural response” to the conversation regarding racism, women’s social roles, and civic identity in California’s Central Valley, 1890-1930.