Judges for Undergraduate and Graduate Student Presentations and Poster Presentations:

Dr. Amanda Adams  California State University, Fresno
Dr. Loren Alving  University of California, San Francisco
Dr. Saeed Attar  California State University, Fresno
Dr. Sharon Benes  California State University, Fresno
Dr. Daniel Cady  California State University, Fresno
Dr. Alejandro Calderon-Urrea  California State University, Fresno
Dr. Karen Carey  California State University, Fresno
Dr. Kathleen Dyer  California State University, Fresno
Ms. Marie Fisk  California State University, Fresno
Dr. Tamas Forgacs  California State University, Fresno
Dr. Gil Harootunian  California State University, Fresno
Dr. Alam Hasson  California State University, Fresno
Dr. Donna Hudson  University of California, San Francisco
Ms. Susan Hughes  University of California, San Francisco
Mr. Carl Johannson  Fresno City College
Dr. Ronna Mallios  University of California, San Francisco
Dr. Thomas McClanahan  California State University, Fresno
Dr. Paul K. Mills  University of California, San Francisco
Dr. Karl Oswald  California State University, Fresno
Dr. Siobhan O’Toole  Alliant International University, Fresno
Dr. Jim Prince  California State University, Fresno
Mr. Rick Stewart  Fresno City College
Dr. Kent Yamaguchi  University of California, San Francisco
Dr. Lynnette Zelezny  California State University, Fresno

Moderators for Oral Presentations:

Mr. Doug Carey  California State University, Fresno
Dr. Dan Griffin  California State University, Fresno
Dr. Donna Hudson  University of California, San Francisco
Mr. Chuck Radke  California State University, Fresno

Presentations will be judged based on the following criteria and considerations:

- Merit, creativity, timeliness, and value to an audience of scholars not necessarily from the same discipline
- Authors are encouraged to present their work using terminology suitable for a multi-disciplinary audience
- Results of completed work, as well as work-in-progress, for which there is preliminary data
(20) Thaumatin-Like Proteins Potentially Function in Disease Resistance to Phytophthora capsici in Pepper Plants
Davis Cheng, Helen Cheng, Claudia Garcia, Heather Brewer, Gurmel Sidhu, James Prince, Ph.D.

(21) HPLC analysis to quantify the neurotoxic Betamethylamino-l-alanine (BMAA) levels in fruit fly
Anjaneya K. Sinha, Joy Goto, Ph.D.

(22) Identification of Developmental Biomarkers in the Algae Dunaliella primolecta Using NMR-based Metabolomics
Alexander Guzzetta, Adrina Shamlian, Krish Krishnan, Ph.D., Alejandro Calderón-Urrea, Ph.D.

(23) Thiols are involved in protection against metal stress
Kathryn Barretto, Ruzan Orkusyan, Mamta Rawat, Ph.D.

(24) Optimum temperatures for two biotypes of horseweed (Conyza canadensis) and hairy fleabane (C. bonariensis) germination
Katrina Maria C. Steinhauser, Anil Shrestha, Ph.D.

(25) canceled

(26) Transgenic line of Caenorhabditis elegans expressing GFP and RFP markers: establishment of tools to study early development of the plant parasitic nematode Meloidogyne incognita
Eliana Sanchez, April Booth, Alejandro Calderón-Urrea, Ph.D.

(27) Hepatitis C virus increases the level of NAD(P)H oxidase 4 in human hepatoma cells in a transforming growth factor beta 1-dependent manner
Aparna Pasumarthi, Shelley Wang, Thu Vo, Jinah Choi, Ph.D.

(28) Investigating the Effects of a Selenium-enriched Diet on Growth and Metabolism in Tilapia (Oreochromis mossambicus)
Temperance R. Rowell, Larry G. Riley, Ph.D.

(29) Alteration of caveolin expression in differing integrin backgrounds: implications for tumor cell motility
Jinsha Liu, Nathan L. Pietsrup, Jason A. Bush, Ph.D.

5:00 p.m. Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.
9:15 a.m.  
**Design and Development of an Interface Platform for use in High Energy Physics Experiments**
Lawrence E. Carlson, Dave Nelson, Su Dong, Martin Kocian, Yongsheng Gao, Ph.D.

9:30 a.m.  
**Esense: Humidity, Temperature and Acceleration Logger**
Satbir S. Sekhon, Rendon Gomez, Samuel Gomez, Reza Raeisi, Ph.D.

9:45 a.m.  
**Mechanistic Understanding of the Interactions of Proteins Involved in the formation of Alzheimer’s Disease’s β-Amyloid Plaques**
Michael Harbell, Joy Goto, Ph.D.

10:00 a.m.  
**Spectroscopic Studies of a High Valent Manganese Complex: [MnIV(Me3TACN)(OMe)3]+**
Steven Chabolla, Robert Geiger, Timothy A. Jackson, Melissa Golden, Ph.D.

10:15 a.m. – 10:30 a.m.  
**Break- University Business Center, Gottschalks Gallery**

12:00 p.m.  
**Plenary Session**

10:15 a.m.  
Poster Session IV continued  
University Business Center  
3:30 p.m. until 5:00 p.m.  
Gottschalks Gallery

Authors will be available for questions from 3:30 p.m. until 5:00 p.m.

(12)  
**Does examining cognitive styles assist in the development of interventions for improving meaning in life? A preliminary analysis**
Taleisha Jones, Jennifer Gregg, Ph.D.

(13)  
**Social Anxiety: Evaluating the impact of psychological flexibility on emotion regulation and meaning in life**
Kemisha James, Jennifer Gregg, Ph.D.

(14)  
**Effects of Acculturation on Marital Satisfaction in Elderly Mexican-American Couples**
Normalinda Cantu, Amanda Mortimer, Ph.D.

(15)  
**An Analysis of Forced-Choice Preference Assessment Changes Over Time**
Pao Hang, Jonathan Briggs, Ricky Garcia, Kathryn Murphy, Rosaura Pena, Carrie Dempsey, Ph.D.

(16)  
**BMAA, a glutamate agonist, affects walking performance of fruit flies through the central pattern generator**
A. Goodarzi, N. T. Mekdara, S. Choudhury, A. Soltani, A. Qureshi, P. J. Mekdara, M. Adam, O. Berg, J. J. Goto, Ph.D., U. K. Müller, Ph.D.

(17)  
**Divide and Conquer: Identification and Validation of Minimal Domains of CED-4 to Induce Cell Death in Meloidogyne incognita**
Harinder Singh, Justin Deffebach, Krish Krishnan, Ph.D., Alejandro Calderón-Urrea, Ph.D.

(18)  
**Quantifying Thiol Levels in Cyanobacteria Under Varying Metal Stress**
Andrew W. Strankman, Mamta Rawat, Ph.D.

(19)  
**Association mapping of tolerance genes in Populus clones with the use of simple sequence repeat (SSR) markers and candidate genes**
Nathan Follen, Kyan Salehi, Davis W. Cheng, Gary Bañuelos, James P. Prince, Ph.D.
Poster Session IV  
University Business Center  
3:30 p.m. until 5:00 p.m.  
Gottschalks Gallery  

Authors will be available for questions from 3:30 p.m. until 5:00 p.m.

(1) **Staff Training Protocol to Increase Interaction During Non-Structured Time with Children with Autism**  
Mari Orita, Amanda Adams, Ph.D., BCBA

(2) **Is 87 out of 10,000 “Riskier” than 0.87 out of 100? The Role of Denominator Neglect in the Ratio Bias**  
Adrienne Fairchild, Paul Price, Ph.D.

(3) **Stress and Anger as Predictors of Depression in Multi-Cultural**  
Ryan Holliday, Christine Edmondson, Ph.D.

(4) **Domain-Specific Critical Thinking and Religious Beliefs**  
Sara Stein-Torres, Karl Oswald, Ph.D.

(5) **Formation of false memories through schematic interference and their influence on social judgment**  
Mikayel Yegiyan, Karl Oswald, Ph.D.

(6) **Non-religious attributions to ambiguous situations**  
Joseph A. Wagoner, Robert Levine, Ph.D.

(7) **Fresno County Behavioral Health Court Project**  
J. Tangye, P. Kruger, A. Karas, Peter English, Ph.D.

(8) **Interdisciplinary Perspectives on What Facilitates Timel Referral to Palliative Care for Children with Serious Illness in Fresno, California**  
Caroline L. Dezan, Debra Harris, Ph.D.

(9) **An Exploratory Study On Social Workers’ Attitudes And Practices With Gay And Lesbian Clients**  
Joanna Zamora, Mitzi Lowe, Ph.D.

(10) **Vietnamese Americans’ Communication Assertiveness and How They Perceive Their Parents Disciplinary Styles**  
Andrew Ha, Clifton Oyamot, Ph.D.

(11) **Exploring Impulsivity and Inhibition in Individuals with Traits of Intermittent Explosive Disorder and Psychopathy**  
Ashley Yaugher, Christine Edmondson, Ph.D.
9:00 a.m.  The Hijab and Feminism: What does it mean to be a Muslim-American Feminist Woman? 
Leila Alamri, Roksana Badruddoja, Ph.D.

9:15 a.m.  Loving God, Loving Self: Intersections of gender, sexuality and faith 
Christine Mahackian, Roksana Badruddoja, Ph.D.

9:30 a.m.  Anti-Semitism and the Discourse of the Israel-Palestine Conflict 
Joshua Sten, Andrew Fiala, Ph.D.

9:45 a.m.  The Works of Doña Josefa Amary Borbón: From Conservative to Radical Enlightenment in Spain 
Paulette Alatriste, Maritere Lopez, Ph.D.

10:00 a.m.  The Myths Of Maternal Thinking: What Does It Mean To Be A Mother In America 
Johanna Leal, Roksana Badruddoja, Ph.D.

10:15 a.m. – 10:30 a.m.  Break- University Business Center, Gottschalks Gallery

12:00 p.m.  Plenary Session

4:00 p.m.  Break- University Business Center, Gottschalks Gallery

5:00 p.m.  Concluding Address – Alice Peters Auditorium, Room 191

Proceed to Student Award Presentations and Social Hour
Poster Session III continued
1:30 p.m. until 3:00 p.m.
University Business Center
Gottschalks Gallery

Concurrent Session E
10:30 a.m.
Two-dimensional gel electrophoresis and mass spectrometry to analyse Drosophila melanogaster proteome in response to the neurotoxin β-N-methylamino-L-alanine (BMAA)
Amish B. Karanjit, Joy J. Goto, Ph.D.

10:45 a.m.
Kinetics and Mechanism of the reaction Propylene Oxide (PPO) in the Troposphere
Srikar Middala, Sean Campbell, Austen Scruggs, Catalina Olea, Alam Hasson, Ph.D.

11:00 a.m.
Modified Synthesis of (Bis(O-ethyl-L-cysteinato)Ni)2Ni
Randall Hart, Melissa Golden, Ph.D.

11:15 a.m.
The Oxygenation of Bis(O-ethyl-L-cysteinato)nickel(II)
Samantha J. Gustafson, Melissa Golden, Ph.D.

11:30 a.m.
Characterizing the Neurodegenerative Specificity of BMAA to Determine a Potential Link between Exposure to the Toxin and the Development of ALS/PDC
Savann Hok, Joy J. Goto, Ph.D.

12:15 p.m.
Plenary Session

1:30 p.m. – 1:45 p.m.
Break - University Business Center, Gottschalks Gallery
Concurrent Session F  
University Business Center  
Auditorium, Room 192

10:30 a.m.  
A polynomial invariant of 3-valent graphs embedded in the 3-space  
James Tipton, Carmen Caprau, Ph.D.

10:45 a.m.  
On multiplier sequences of a special form for finite fields  
Mario Banuelos, Michelle Hoshiko, Tamas Forgacs, Ph.D.

11:00 a.m.  
On Multiplier Sequences for Simple Sets of Polynomials  
Benjamin Wright, James Tipton, Tamas Forgacs, Ph.D.

11:15 a.m.  
Explaining Hydrodynamic Dispersion using Measurable Physical Properties  
Juan P. Lopez Arriaza, Teamrat Ghezzehei, Ph.D.

11:30 a.m.  
Base-X: Bridging the Cognitive Gap between Arithmetic and Algebra  
Lance Burger, Ph.D.

12:15 p.m.  
Plenary Session

1:30 p.m. – 1:45 p.m.  
Break - University Business Center, Gottschalks Gallery

Poster Session III  
University Business Center  
Gottschalks Gallery

1:30 p.m. until 3:00 p.m.  
Authors will be available for questions from 1:30 p.m. until 3:00 p.m.

(1) Feature-based Stereotyping: The Effects of Appearance on Perceived Social Misconduct and Academic Success  
Emily Winden, Jean Ritter, Ph.D.

(2) The Effect Of Phonologically Similar Word Forms On Crossmodal Source Identification  
Jessica Dao, Lorin Lachs, Ph.D.

(3) Achievement Gap between English Language Learners and Non-English Language Learners in Reading Test Performance  
Rocio Luna, Jason C. Immekus, Ph.D.

(4) A Look at Ethnic Identity and Acculturation Within the Mien Community  
Nai Saetern, Clifton Oyamot, Ph.D.

(5) Improving Classroom Clicker Practices: The Effects Of Academic Incentives And Feedback On Learning Outcomes  
Stephanie E. Butler, Karl M. Oswald, Ph.D.

(6) Identifying Intermittent Explosive Disorder (IED) by Facial Expressions  
Kelly Jo Williams, Christine Edmondson, Ph.D.

(7) Alcohol's effects on short-and-long-term memory for novel environments in the Zebrafish (Danio TRerio)  
Jessica D Russell, Daniel Cerutti, Ph.D.

(8) An Ethnography of Water Birth and Its Representations on YouTube.com  
Samantha Paine, Jan English-Lueck, Ph.D.

(9) Do You Get Me? Exploring Cross-Cultural Communication Between Refugees and Health Practitioners  
Kayla Marie Haynes, Lisa Henry, Ph.D.

(10) Marriage, Divorce and Religiosity: A Qualitative-Study of Iranians in the 21st Century and the Interplay of Religiosity and the Marital Process  
Dijana Sirovica, Susan Bell Murray, Ph.D.
Angiotensin Receptor Blockade Decreases Hepatic Triglyceride Content and Reduces Retroperitoneal Fat Deposition Following Increased Glucose Intake in a Model of Metabolic Syndrome
Priscilla Montez, Ruben Rodriguez, Jose Viscarra, Daisuke Nakano, Akira Nishiyam, Rudy M. Ortiz, Ph.D.

Diversity in Genes for Pesticide Degradation
A. Iness, H. Deol, I. Gutierrez, A. Torbio, A. Wright, Ph.D.

Proteomic Evaluation of Pesticide-Resistant Breast Cancer Cell Lines
Julie Hale, Fiona Yamamoto, Jason Bush, Ph.D.

Latina farmworkers of the San Joaquin Valley with polymorphisms in xenobiotic-metabolizing genes have elevated risk of breast cancer
Yesenia Ibarra, Malika Sahni, Kathryn Patterson, Jessica Borba, Jason Bush, Ph.D., Paul Mills, Ph.D.

Fret Analysis Of The Interaction Between Alzheimer’s Disease Related Proteins, App And X11
Niranjan K. Sudhakar, Joy J. Goto, Ph.D.

Comparison of body mass index, waist to hip ratio as predictors of body fat in overweight or obese adults
Wenjing Liu, M.D., Ph.D., Ashkan Imanzahrai, M.D., John Monteleone, M.D., Susan Hughes

Serum ammonia level does not affect anion gap measurement
Chunxia (Tracy) Li, M.D., Ph.D., Roger Mortimer, M.D., Susan Hughes

Utility of a diabetes themed fotonovela to reduce hyperglycemia in Latino diabetics
Roger Mortimer, M.D., Victoria Sorlie-Aguilar, M.D., Juan Carlos Ruvalcaba, M.D., Saire Guzman; Lily Peng, Ph.D., Melvin F Baron, Pharm.D.

Werther’s Nash equilibrium: complicating "madness" in Goethe’s The Sorrows of Young Werther
Kristin Baer, Toni Wein, Ph.D.

Wit and Humor in a Man’s World: Aphra Behn’s Feminine Language
Cheri Y. Halvorson, Toni Wein, Ph.D.

An Examination of Rape in Early Modern Literature
Lisa McHarry, Toni Wein, Ph.D.

The Sighing, Bleeding, Feasting Soul: Speech Scrolls in Mesoamerica
Meghan Cartier, Keith Jordan, Ph.D.

The Abcd Conundrum: Women, Marriage, And Alternative Formations of Power
Roksana Badruddoja, Ph.D.

Plenary Session

Break- University Business Center, Gottschalks Gallery
10:30 a.m.  
*Website Usability Analysis – Fresno State’s Henry Madden Library*  
Jason McIlwain, Mark Cabrera, Henry Delcore, Ph.D., James Mullooly, Ph.D.

10:45 a.m.  
*Interpersonal Communication in the Digital World*  
Mariam Mohammad, Sally Murphy, Ph.D.

11:00 a.m.  
*Textbook Study*  
Selena Farnesi, Cody Madsen, James Mullooly, Ph.D.

11:15 a.m.  
*Assessing Lesson Complexity and Teaching Behaviors in Sport*  
Brian Riddle, Wade Gilbert, Ph.D.

11:30 a.m.  
*Youth Spoken Word: Expression, Activism, and the Cycle of Poetry*  
Sandra Huerta Baca, Natalie Boero, Ph.D.

12:15 p.m.  
**Plenary Session**

1:30 p.m. – 1:45 p.m.  
**Break- University Business Center, Gottschalks Gallery**

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**Poster Session II continued**  
**University Business Center**  
**Gottschalks Gallery**

**Authors will be available for questions from 11:00 a.m. until 12:30 p.m.**

(11)  
*Inhibition of Lysosomal Proteases Induces Accumulation of Fragments of IGF-1 Receptor Beta Subunit in Neuroblastoma Cells*  
Ikechuwkwu Ollawa, Mehrnoosh Soori, Guizhen Lu, Robert W. Mason, Jesus Cisneros, Ph.D.

(12)  
*Synthesis and Characterization of Low Dimensional Boron Carbide Nanostructures*  
Sung-kyu Lee, D. Zhang, Ph.D.

(13)  
*Comparison of the sensitivity of parallel hole and slit-slat collimator arrays in breast spect*  
Carmin Liang, Charles Tenney, Ph.D.

(14)  
*A Critical Analysis of Three Methods Of Estimating Distances To Cataclysmic Variables*  
Michael J. Gariety, F. A. Ringwald, Ph.D.

(15)  
*Analyzing atlas simulation data to search for new particles*  
Navid K. Rad, Yongsheng Gao, Ph.D.

(16)  
*Analytical Solutions For Volume Sensitivity of Slit-Slat Collimators in Nuclear Medical Imaging*  
Joseph DiPirro, Charles Tenney, Ph.D.

(17)  
*Waves in Accretion Disks, Observed with Fresno State’s Station at Sierra Remote Observatories: HV Andromedae, LQ Pegasi, and LN Ursae Majoris*  
Gerald D. Rude, Frederick Ringwald, Ph.D.

(18)  
*Bacterial endophyte diversity in the lodgepole pine*  
Emily C. Wilson, Carolin Frank, Ph.D.

(19)  
*Effects of Low Temperature Fire on Soil Aggregate Stability*  
Ammar A. Abalasmeh, Teamrat A. Ghezzehei, Ph.D.
Poster Session II
University Business Center
Gottschalks Gallery
11:00 a.m. until 12:30 p.m.

Authors will be available for questions from 11:00 a.m. until 12:30 p.m.

(1) Mechanization of Cut Flower Harvest
John Clark, Balaji Sethuramasamyraja, Ph.D.
(2) Architecture and design of simulation platform for DCS
My Viet Dang, K. Gilhotra, Nitaigour Mahalik, Ph.D.
(3) Geo-Spatial Yield Monitoring Technology for Mechanized Almond Harvest
Sheenam Mehta, Sunny Sehgal, Balaji Sethuramasamyraja, Ph.D.
(4) Use of Selenium-enriched Mustard and Soy Seed Meals as Potential Bioherbicides and Green Fertilizer in Organic Spinach and Broccoli Production
Annabel Rodriguez, Gary Banuelos, Sajeemas Pasakdee, Ph.D., Anil Shrestha, Ph.D.
(5) Preliminary screening of suspected glyphosate resistance in Palmer Amaranth (Amaranthus palmeri) in the Central Valley finds negative results
Jeff Gallagher, Marcelo Moretti, Anil Shrestha, Ph.D.
(6) Invertebrate Drift Dynamics of the San Joaquin River
Zachary Foster, Tim Lewis, Mike Grill, Sarah Rutherford, Steve Blumenshine, Ph.D.
(7) Determining the Habitat Preference of Sand Lance (Ammodytes hexapterus) Using Multibeam Bathymetry in the San Juan Islands, Washington
Elizabeth Davidson, H. Gary Greene, Fraka Harmsen, Ph.D.
(8) Order within the chaotic: Franciscan Complex field relations show km-scale overturned folds, an olistostrome deposited on intra-Franciscan serpentinite, and more
Rachel Prohoroff, John Wakabayashi, Ph.D.
(9) Etuku Member of the Mamfe Basin Formation, Cameroon West-Central Africa: Potential Hydrocarbon Reservoir
Lucien Nana, Fraka Harmsen, Ph.D.
(10) Revisiting the Tectonic Setting of Mesozoic Volcanism, Central Sierra Nevada, California
Jennifer Ratliff, Keith Putirka, Ph.D., John Wakabayashi, Ph.D.

Plenary Session
University Business Center
Auditorium, Room 191

12:15 p.m. Opening Remarks and Welcome
Dr. Thomas McClanahan
California State University, Fresno
Dr. Donna Hudson
University of California, San Francisco
Fresno Medical Education Program

12:25 p.m. The Incidence of Congenital Anomalies in a Single Perinatology Practice in the California Central Valley
Teresa Elena Munoz, Rena Hu, Amy Teng, Brian Morgan, Ph.D.

12:40 p.m. The stress response: A look at the difference between Mexican-Americans and Caucasians
Carlos Anthony Cassillas, Brittany Rudd, Amanda Mortimer, Ph.D.

12:55 p.m. Timekeeping Mechanism of a Cyanobacteria Circadian Oscillator
Roger Tseng, Yong-Gang Chang, Nai-Wei Kuo, Andy Li Wang, Ph.D.

1:10 p.m. Emissions Measurements of Volatile Organic Compounds from a San Joaquin Valley Dairy
Kennedy Vu, Lucien Nana, Srikar Middala, Jeff Cole, Catalina Olea, Austen Scruggs, Shawn Ashkan, Julie Steele, Stacy Brown, Segun Ogunjemiyo, Ph.D., Alam Hasson, Ph.D.

1:30 p.m. – 1:45 p.m. Break - University Business Center, Gottschalks Gallery

5:00 p.m. Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.

Proceed to Student Award Presentations and Social Hour
Concurrent Session I
University Business Center
Auditorium, Room 191

1:45 p.m.  When Viewpoint Matters: How Narrative Perspective and Social Distance Influence Virtual Agent Placement
Justin L. Matthews, Teenie Matlock, Ph.D.

2:00 p.m.  From Trauma To Triumph: Emotional Regulation In The Presence Of Chronic Pain And The Relationship To Depressive Symptoms And Coping Skills
Robyn M. Richardson, Manuel Figueroa, Ph.D.

2:15 p.m.  Looking at How Affordances Change Viewpoint
Michelle D. Greenwood, Michael J. Spivey, Ph.D.

2:30 p.m.  The effects of proximity, written prompts, and public posting on recycling at a university setting
Angelica Aguirre, Criss Wilhite, M.A., B.C.B.A., Marianne Jackson, Ph.D., B.C.B.A., Amanda Adams, Ph.D., B.C.B.A.

2:45 p.m.  Motion perception using a critical branching neural network
Janelle Szary, Christopher Kello, Ph.D.

Poster Session I continued
University Business Center
Gottschalcks Gallery

Authors will be available for questions from 9:00 a.m. until 10:30 a.m.

(21)  A Laboratory Investigation of the Reaction of Isoprene with NO3 Radicals
Catalina Olea, Srikar Middala, Lucien Nana, Kennedy Vu, Alvaro Sosa Austen Scruggs, Ramya Addala, Alam Hasson, Ph.D.

(22)  Synthesis, characterization, and gas phase study of isoprene nitrates
Jeffrey J Jackson, Max Stephenson, Jeffrey Cole, Ronald L Marhenke, Alam S Hasson, Ph.D., Santanu Maitra, Ph.D.

(23)  Conformational analysis of analogs of DEET focusing on the restricted rotation of the C-N bond using molecular modeling and VT NMR study
William Thompson, Santanu Maitra, Ph.D., Krish Krishnan, Ph.D.

(24)  Identification of VOCs from Dairy Emissions
Jeff Cole, Srikar Middala, Austin Scruggs, Catalina Olea, Lucien Nana, Alam Hasson, Ph.D.

(25)  NMR Studies of Bis(O-ethyl-L-cysteinato)Nickel(II)
Arturo Gasga, Samantha Gustafson, Gregory Harnden, Melissa L. Golden, Ph.D.

(26)  Nickel Induced Oxygen Damage of Biological Molecules
Gregory Harnden, Melissa Golden, Ph.D.

(27)  canceled

3:00 – 3:15 p.m.  Break- University Business Center, Gottschalcks Gallery

5:00 p.m.  Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.

Proceed to Student Award Presentations and Social Hour

12:15 p.m.  Plenary Session
Authors will be available for questions from 9:00 a.m. until 10:30 a.m.

1. **Sub-millisecond kinematics of bladderwort, the fastest known suction feeder**  
   Matthew Brown, Ulrike K Müller, Ph.D.

2. **canceled**

3. **cGMP production in Escherichia coli**  
   Simranjeet Grover, Joel Curiel, Hwan Youn, Ph.D.

4. **Carbon, nitrogen and growth: A comparison of physiological characteristics of native and invasive plant species**  
   Conrad Braganza, Gagandeep Singh Rajpa, John V.H. Constable, Ph.D.

5. **The Effects of Manganese Toxicity on Motor Activity in Drosophila melanogaster**  
   Bradley Kroeker, Lana R. McGinnis, Shereen Dimes, Joy Goto, Ph.D.

6. **Morphological Variation in Hair Morphology From Mammals of the Order of Artiodactyla**  
   Elsbeth S. Murata, Michael V. Gonzalez, Kevin W.P. Miller, Ph.D.

7. **A novel lenticular walking arena to quantify locomotory competence in fruit flies**  
   S. Choudhury, N. T. Mekdara, M. J. Adam, J. J. Goto, O. Berg, U. K. Müller, Ph.D.

8. **The Determination of Tadalafil in rat plasma by high-performance liquid chromatography with UV detection**  
   Selemawit T. Ghebrendrias, Xee Vang 1, Kennedy – Kiet T. Vu, Glenda Polack, Alam Hasson, Ph.D.

9. **Synthesis and Structural Studies of Bis(O-methyl-L-cysteinato)nickel(II)**  
   Jonathan M. Powell, Steven A. Chabolla, Teresa L. Mendoza, Melissa L. Golden, Ph.D.

10. **Effects of L-Glutamic Monosodium Hydrate on Drosophila Locomotion and q Viability**  
    Madhubanti Chowdhury, Joy J. Goto, Ph.D.

1:45 p.m. **Entangled! The Quantum Behavior of Light**  
    Arya Afshari, Clint Hawkins, Sky King, Courtney Lemon, Mathew Robison, Donald Woods, Barbara Hoeling, Ph.D., Yongsheng Gao, Ph.D.

2:00 p.m. **Development of Mirrors for the CLAS12 High Threshold Cerenkov Counter**  
    Emmanuel Angulo, Youri Sharabian, John Price, Ph.D.

2:15 p.m. **Synthesis and Analysis of Rare-Earth Gadolinium Nanoparticles**  
    Jose Amaral, Dulce Romero, Dennis Margosan, Saeed Attar, Ph.D., Melissa Golden, Ph.D., Pei-Chun Ho, Ph.D.

2:30 p.m. **Detecting W and Z Bosons at the ATLAS Experiment of the Large Hadron Collider at CERN**  
    Brent Wilson, Harinder Bawa, Yongsheng Gao, Ph.D.

2:45 p.m. **Relationship of Time-Management Behaviors to the Effectiveness of Chemistry Prelab Assignments**  
    Deborah L. Lair, Anne Zanzucchi, Ph.D.

3:00 – 3:15 p.m. **Break**  
    University Business Center, Gottschalks Gallery

5:00 p.m. **Concluding Address – Alice Peters Auditorium, Room 191**  
    Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California  
    Paul R. Crosbie, Ph.D.

Proceed to Student Award Presentations and Social Hour
Concurrent Session K
University Business Center
Room 194

1:45 p.m. Perceived Stressors: Differences Between Mexican American and Caucasian College Students
Brittany N. Rudd, Carlos Cassillas, Amanda R. Mortimer, Ph.D.

2:00 p.m. The Lexical Effects of Visual Similarity Structure on Audiovisual Spoken Word Recognition
Vincent Aguirre, Lorin Lachs, Ph.D.

2:15 p.m. Prompting to Improve Academic Performance in Children with Autism
Ryanne Amomonpon, Amanda Adams, Ph.D.

2:30 p.m. A Community Perspective on Obesity
Jacqueline Cortez, Adrianna Salinas, Raymond Ramirez, Henry Delcore, Ph.D.

2:45 p.m. GIS Asset Mapping of the City of Merced: A Collaboration between university students and the community
Johnny Moua, Elaine Lai, Stergious Roussos, Ph.D.

3:00 – 3:15 p.m. Break - University Business Center, Gottschalks Gallery

5:00 p.m. Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.

Poster Session I
University Business Center
Gottschalks Gallery

9:00 a.m. until 10:30 a.m.

Authors will be available for questions from 9:00 a.m. until 10:30 a.m.

1 (canceled)

2 Vintage Costume Collection: Saving our history for tomorrow
Lauren Meade, Kelsey Oliver, Elizabeth Payne, Ph.D.

3 The 12 Untold Stories
Nu Vang, Gary Rice, Ph.D.

4 The Effect of Depression Screening Days on Students' Attitudes Toward Depression When They Miss the Event
Danny M. Pavlovich, Casey M. Cauble, Christine Edmonson Ph.D., Rebecca Raya-Fernandez, Ph.D.

5 (canceled)

6 The Modality and Intervallic Relationships in Agreeable and Disagreeable Dyadic Conversation
Brooke Okada, Benjamin Boone, Lorin Lachs, Ph.D.

7 Evaluating iPad Technology for Improving Communication Initiation for Children with Autism
Gina Gavrilis, Amanda Adams, Ph.D.

8 Analyzing Various Methods of Immediate Feedback using Clicker Response System
Dario T. Santiago, Danny M. Pavlovich, Karl M. Oswald, Ph.D.

9 Magma Mixing as Recorded in Inclusion-Host Interactions of Lassen Volcanic Center, California
Alaina Wood, Keith Lutirka, Ph.D.

10 The Role of Non-Muscle Myosin II in Early Cleavage Development and Gastrulation of the Cnidarian Nematostella Vectensis
William A. Whalen, Craig Magie, Ph.D.

Proceed to Student Award Presentations and Social Hour
3:30 p.m. Measurement of Dairy Emissions Using Infra-Red Photoacoustic Detection
Austen Scruggs, Sean Campbell, Catalina Olea, Alvaro Sosa, Lucien Nana, Kennedy Vu, Srikar Middala, Alam Hasson, Ph.D.

3:45 p.m. Providing Affordable Wastewater Treatment with Environmental Benefits to Small, Rural Disadvantaged Communities
Steven Garcia, William Wright, Ph.D.

4:00 p.m. Isolating and Identifying Bacillus Species
Tori Kennedy, M. Ganci, M. Thomas, Mamta Rawat, Ph.D.

4:15 p.m. Growth of Chloropicrin-degrading Microbes
Javier Garcia, Alice Wright, Ph.D.

4:30 p.m. Sea turtle nesting as a process that impacts beach ecosystems
Erinn Madden, Derek Madden, Ph.D.

5:00 p.m. Concluding Address – Alice Peters Auditorium, Room 191
Paul R. Crosbie, Ph.D.

Proceed to Student Award Presentations and Social Hour
Concurrent Session M  University Business Center  Room 192

3:15 p.m.  Suicide (Jisatsu) and Groupism (Shuudan) in Japan
Kelly Olsson, Steve Stryker, Ph.D.

3:30 p.m.  It suits him: Perpetuating Evo Morales' media image in blogs
Maira Blanco, Natalie Boero, Ph.D.

3:45 p.m.  Reasoning Sessions with Irie Vatos: Mexican-American Rastafari Identity
Monique Posadas, Jan English-Lueck, Ph.D.

4:00 p.m.  Performing in Prison: An Exploration of Gender Performance and Sexuality, Hegemonic Masculinity, and Male Prisons as a Gendered Setting
Emmajean Balmonte Johnson, Susan Murray, Ph.D.

4:15 p.m.  Key factors of recidivism in convicted Interpersonal Violence offenders: A qualitative study
Joshua L. Paulos, Gretchen Reevy, Ph.D.

4:30 p.m.  Testing Student Knowledge: Perception towards Misdemeanor Charges and Consequences of Restricted Access
Krystaelyne Sanders, Julie Beck, Ph.D.

5:00 p.m.  Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.

Concurrent Session N  University Business Center  Room 286  Dean’s Conference Room

3:15 p.m.  Uncovering the Essence of Music in Exercise Experiences
Melissa M. Flores, Jenelle N. Gilbert, Ph.D., Wade Gilbert, Ph.D.

3:30 p.m.  Coaching Education in Action: Observations from Pilot Studies in Youth Sport Settings
Rachael Bertram, Wade Gilbert, Ph.D.

3:45 p.m.  Elite Coaching Effectiveness in Action: A Mid-Season Review
Nate Ferrante, Matt Emmett, Tim Hamel, Wade Gilbert, Ph.D.

4:00 p.m.  Verbal Morphophonology in Chukchansi Yokuts
Peter Ara Guekguezian, Chris Golston, Ph.D.

4:15 p.m.  Differences In Ratings Of Quality Of Life Between Spouses Within An Older, Married Population in The Central Valley
Garrett M. Koslan, Amanda R. Mortimer, Ph.D.

4:30 p.m.  Fielding a Psychoeducational Shame Resilience Curriculum to Women in Substance Abuse Treatment
Virginia Rondero Hernandez, Ph.D.

5:00 p.m.  Concluding Address – Alice Peters Auditorium, Room 191
Ecto and Endoparasitic Prevalence in Peri-domestic Medium Size Mammals in Stanislaus County, California
Paul R. Crosbie, Ph.D.

Proceed to Student Award Presentations and Social Hour