
31st ANNUAL

**CENTRAL
CALIFORNIA
RESEARCH
SYMPOSIUM**

PROGRAM

**Convened on
Thursday, April 23, 2010
in the
University Business Center
California State University, Fresno**

Concurrent Session A

University Business Center
Auditorium, Room 191

10:00 ***Shelving Self: identity politics in Oscar Wilde's comedies of manners***

Kristin Baer, Larry G. Riley, PhD

10:15 ***Renegotiating the Racialized Classroom Space: Race as Presence***

Maryam Jamali Ashtiani, Samina Najmi, PhD

10:30 ***Racializing Classroom Spaces: Remixing "The Rising Tide of Color" and White Femininity***

Jocelyn Stott, Samina Najmi, PhD

10:45 ***The Rhetoric of Mango Street: Reconciling the Oppression of Chicana Feminists***

Miriam Fernandez, Samina Najmi, PhD

11:00 ***An Evaluation of the Efficacy of Supplemental Instruction at Fresno City College***

Janine Nkosi, Albert Valencia, PhD

11:15 ***The Effects On Noncontingent Reinforcement On Rapport Building In Children with Autism***

Alyson Padgett, Amanda Adams, PhD

11:30 ***Different-subject (DS) converbs in Yakut***

Lena Vasilyeva, Brian Agbayani, PhD

Judges for Undergraduate and Graduate Student Presentations and Poster Presentations:

Dr. Loren Alving	University of California, San Francisco
Dr. Saeed Attar	California State University, Fresno
Dr. Sharon Benes	California State University, Fresno
Dr. Jason Bush	California State University, Fresno
Dr. Alejandro Calderon-Urrea	California State University, Fresno
Dr. Kathleen Dyer	California State University, Fresno
Ms. Marie Fisk	California State University, Fresno
Ms. Grace Hatmaker	University of California, San Francisco
Dr. Donna Hudson	University of California, San Francisco
Ms. Susan Hughes	University of California, San Francisco
Ms. Ronna Mallios	University of California, San Francisco
Dr. Thomas McClanahan	California State University, Fresno
Dr. Paul K. Mills	University of California, San Francisco
Mr. Steve Nasse	California State University, Fresno
Dr. Karl Oswald	California State University, Fresno
Dr. Michael Peterson	University of California, San Francisco
Dr. Jim Prince	California State University, Fresno
Mr. Chuck Radke	California State University, Fresno
Dr. Jeffrey Rosenfeld	University of California, San Francisco
Mr. Rick Stewart	Fresno City College
Dr. Brian Tsukimura	California State University, Fresno
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. Donna Hudson	University of California, San Francisco
Mr. Chuck Radke	California State University, Fresno
Dr. Brian Tsukimura	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

12:00 Plenary Session

Poster Session III

3:30 p.m. until 5:00 p.m.

University Business Center
Gottschalks Gallery

Concurrent Session B

University Business Center
Room 192

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

(22) ***Beneficial and Harmful Effects on Memory for related Information using Ictickers***

Dario Santiago, Michael Junio, Stephanie Butler, Karl M. Oswald, PhD

(23) ***Tracking the fate of Acorns in Oak Woodlands***

Raymond Gutierrez, Madhusudan Katti, PhD

(24) ***Using Fluorence Microscopy to Characterizing the Neurospecificity of the Environmental Toxin, BMAA***

Savann Hok, Joy J. Goto, PhD

10:00 ***Synthesis and characterization of Ni(bis(O-ethyl-L-cysteinato))***
Randall Hart, Melissa Golden, PhD

10:15 ***The Metal Ion Content of Drosophila melanogaster expressing Copper-Zinc Superoxide Dismutase (CuZnSOD)***
Cindy Xiong, Joy Goto, PhD

10:30 ***Synthesis and Characterization of New, Chiral P-N Ligands and Their Use in the Palladium-Catalyzed Asymmetric Allylic Alkylation***
Kurtis Thiesen, Saeed Attar, Ph.D.

10:45 ***The Oxygenation and Oxidation of Bis(o-ethyl-L-cysteinato) Nickel(II): A Study of Toxicity to Zinc Fingers***
Samantha J. Gustafson, Melissa Golden, PhD

11:00 ***Mechanism of the reaction of Propylene Oxide with Chlorine atoms***
Srikar Middala, Sean Campbell, Catalina Olea, Austen Scruggs and Alam Hasson, PhD

11:15 ***Amyloid Precursor Protein (APP) Proteolytic Processing In The Presence Of β -Methyl Amino Alanine (BMAA) Cycad Neurotoxin***
Rana Elayyan, Joy Goto, PhD

11:30 ***6-Oxoverdazyl Reactivity with Preoxides***
Thanh Ngoc Le, David J.R. Brook, PhD

12:00 **Plenary Session**

5:00 **Concluding Address—Alice Peters Auditorium, Room 191**

Bringing Blogs into the Classroom

Xuesong (Sonya) Zhang, Ph.D.

Proceed to Student Awards Presentations and Social Hour

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

10:00 ***The Effects of Cortisol on the Hormonal Regulation of Appetite in the Tilapia***

Whitney Janzen, Larry G. Riley, PhD

10:15 ***Instrumentation for Measuring Specific Heat of Strongly Correlated Electron Materials***

Ulises Urbina, Pei-Chun Ho, PhD

10:30 ***Constructing a Multiplexer (Scanner)***

Johnathon J. Thompson, Pei-Chun Ho, PhD

10:45 ***BskA, a glycosyltransferase, catalyzes the first step in bacillithiol biosynthesis***

H. Upton*, J. Newton**, M. Gushiken*, R. C. Fahey**, and M. Rawat

11:00 ***Short-Interval Time Perception in an Oddball Task: An ERP Study***

Celeste Pilegard, Crystal Hernandez, and Martin Shapiro, PhD

11:15 ***Evaluating the Effects of the kNOW More Peer-Education Program on Relationship Abuse***

Kimberly Kilgore, Marilyn Wilson, PhD

11:50 ***Implementation of the PALS Curriculum in a Resource Room by Assigning Cross-Grade Peers***

Timothy Michael Yeager, Marianne L. Jackson, Amanda N. Adams, PhD

12:00 Plenary Session

(12) ***Identifying Mating Type of *Phytophthora Capsici* Isolates***

Heather N. Brewer, Claudia Garcia, Gurnel Sidhu, James P. Prince, PhD

(13) ***Improving IPM of House Flies at Commercial Dairy Operations through Pest Monitoring and Determination of Nuisance Threshold***

Lea Pereira, G.E. Higginbotham, A.C. Gerry, Jon Robison, PhD

(14) ***Characterization of Oxazolizine Byproducts in Methamphetamine Laboratory Casework***

Rebecca Stalker, Mark Kalchik, Eric Person, PhD

(15) ***Composted Municipal Green Waste as an Economically- and Ecologically-Sound Germination Media for Use in the California Vegetable Transplant Industry***

Brent Tenison, C. Cadena, C. Correia, and J.T. Bushoven, PhD

(16) ***A Component Analysis of the Effects of Graduated Exposure and Differential Reinforcement on Phobic Behaviors***

Jonpaul D. Moschella, Marianne Jackson, PhD, B.C.B.A., Amanda Nicolson Adams, PhD, B.C.B.A., Amanda Mortimer,, PhD

(17) ***Response of Soil Moisture Sensor Readings to Soil Temperature***

Gerardo Orozco, Diganta D. Adhikari & Dave Goorahoo, PhD

(18) ***Function and Expression Dynamics of *Rho*, *Rac* and *Cdc42* genes in the Starlet sea anemone, *Nematostella vectensis****

Setareh Khalili, Craig R. Magie, PhD

(19) ***Evaluation of an Eco-fertilizer and Urea Ammonium Nitrate for Growing Bell Peppers***

Natalio Mendez, Dave Goorahoo, PhD, and Florence Cassel S., PhD

(20) ***Comparing Facial Composite Software Effectiveness In Correct Target Identification***

Natalie M. Xavier, Amrita Bassi, Celeste Pilegard, Karl M. Oswald, PhD

(21) ***Comparative Responses of Native California Grass Species to Drought: Potential Significance for Restoring Retired Agricultural Land***

Cha Moua, Conrad Braganza, John V.H. Constable, PhD

Poster Session II Continued
1:30 p.m. until 3:00 p.m.

University Business Center
Gottschalks Gallery

Concurrent Session D

University Business Center
Room 194

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

- (23) ***Training a Fish to Perform Voluntary Turns for High Speed Video Recording and Kinematic Analysis***
Samuel Jimenez, Otto Berg, Ulrike Müller, PhD
- (24) ***Phosphorus flamethrower: Allotrope demonstration***
Miriam Bejar, Jonathan Powell, Eric Person, PhD, Donnie Golden, Melissa L. Golden. PhD
- (25) ***Zoledronic acid (Zometa®) Preferentially Induces Cell Death in a Bone Metastasizing Breast Cancer Cell Line***
Cynthia Contreras, Shaghayegh Morshedjian, Walid Hamud, Jason A. Bush, PhD

10:00 ***How to keep alleyways clean in the City of Fresno***
Deanna Cox; Deyra Ozgoc-Caglar, PhD

10:15 ***This is Not A Test - Madden Library's Web Usability Study***
Kimberly Arnold, Henry Delcore, PhD

10:30 ***This Is Rasta Music! An Investigation into the Interconnectedness of Rasafari and Reggae Music***
Monique Posadas, Guadalupe Salazar, PhD

10:45 ***Interrogation of Evil: Human Fault in Understanding Natural Forces***
Joseph A. Moreno, Carlos A. Sanchez, PhD

11:00 ***Understanding and Addressing Factors That Contribute to Intimate Partner Violence as Experienced by Latinas***
Brenda Ochoa, Elena Klaw, PhD

11:15 ***The Intersections of Religion, Sexuality & Culture: What Does It Mean to Be A Lesbian Mexican-American Mother?***
Jessica Chavez, Roksana Badruddoja, PhD

11:30 ***The Levying of Two Matthews: Discourse and Symbolism***
Andy Martinez, Ashley Lucas, PhD

5:00 **Concluding Address—Alice Peters Auditorium, Room 191**
Bringing Blogs into the Classroom
Xuesong (Sonya) Zhang. Ph.D.

Proceed to Student Awards Presentations and Social Hour

12:00 **Plenary Session**

Plenary Session

University Business Center
Auditorium, Room 191

Poster Session II Continued
1:30 p.m. until 3:00 p.m.
University Business Center
Gottschalks Gallery

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

12:00 Opening Remarks and Welcome

Dr. Thomas McClanahan, California State University, Fresno

Dr. Donna Hudson, University of California, San Francisco
Fresno Medical Education Program

12:10 *Atmospheric Chemistry of Organic Peroxy Radicals*

Sean Campbell, Sam Hernandez, Sukh Singh, Yesenia Ibarra, Srikar
Middala, Geoff Tyndall, John Orlando and Alam Hasson. PhD

12:25 *Boys and Girls: Gender Differences in Outcomes of Parental Abuse*

Lance Zimmerman; Andrea Ormonde; Kristin Greenawald, Siobhan
O'Toole, PhD

12:40 *Proteomic Evaluation of Pesticide-Resistant Breast Cancer Cell Lines*

Julie Hale, Fiona Yamamoto, Jason Bush PhD

12:55 *Personality and Language Fluency in Expatriate Assignments*

Melissa M. Freeman, Julie B. Olson-Buchanan, PhD

(12) *Structural Studies of Di- μ -chloro-bis[(η^6 -ethoxybenzene)chlororuthenium(II)]*

Steven A. Chabolla, Melissa L. Golden, PhD, Daniel Rios, Saeed Attar, PhD

(13) *Characterization of bis(O-Ethyl-L-Cysteinato)nickel(II): Understanding broadened 1H -NMR signals*

Gregory R. Hamden, Melissa L. Golden, PhD

(14) *Characterization of various repetitive elements in pepper (Capsicum annuum)*

Shayn T. Scheidt; James P. Prince, PhD

(15) *A Comparison of Facial Composite Likeness Measures*

Stephanie Butler, Amrita Bassi, Danny Pavlovich, Karl Oswald, PhD

(16) *The Creation and Validation of the Loneliness Engagement Scale*

Christopher D. Hernandez, Jennifer Ivie, PhD

(17) *Temperley-Lieb Algebra Representation of Braid Groups*

Ana-Cristina Jimenez, Carmen Caprau, PhD

(18) *Optimization of Data Transformation for Chromatography Using Petroleum Distillates*

Andrea Smith, Brett Messer, Jenny Harmon, Eric Person, PhD

(19) *College Student Attitudes toward Mental Health Treatment*

Casey Cauble, Sean Hornsby, Christine Edmondson, PhD

(20) *Optimal Methods of Iclicker Use in a Classroom Setting*

Michael Junio, Dario Santiago, Natalie Xavier, Karl M. Oswald, PhD

(21) *Geospatial Wine Grape Quality Modeling for Optimum Sampling Strategy*

George Mathew Mazhuvancheriparambath, Balaji Sethuramasamyraja,
Harvinder Singh, Sivakumar Sachidhanantham, Robert L. Wample, PhD

(22) *The Effects of Fire and Forest Thinning on Seed Weight of Conifers in the Sierra Nevada, Teakettle Experimental Watershed*

Cha Moua, Jamie Marquez, Ruth Ann Kern, PhD

1:10-1:30 Break--University Business Center, Gottschalks Gallery

Poster Session II
1:30 p.m. until 3:00 p.m.

University Business Center
Gottschalks Gallery

Concurrent Session E

University Business Center
Auditorium, Room 191

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

- (1) ***Preliminary Evidence Suggest that Tadalafil (Cialis®) Improve Healing in a Rat Flap Model***
Johnathan Wilbanks, D. Lollar, C. Moon, A. Shimkawa, S. Pai, K. Sian, Glenda Polack, Ph.D, K. Yamaguchi
- (2) ***The Concept of Client-Side Programming as the Driving Force of Complex Computation in Web Based Applications***
Jason Hild, James P. Prince, PhD
- (3) ***On the Role of Humanoid Agents and Linguistic Factors in Perspective-Taking***
Michelle D. Greenwood, Teenie Matlock, PhD, Michael J. Spivey, Justin L. Matthews
- (4) ***Evaluation of the Use of Infra-Red Photo-Acoustic Detection for Measuring Pollutant Emissions from Dairy Facilities***
Austen Scruggs, Sean Campbell, Catalina Olea, Alvaro Sosa, Alam Hasson, PhD
- (5) ***SAE BAJA***
Luke Clark, Ethan Bennett, Rebecca Rossol, Jennifer Montee, Ludwin Cruiz, Mark Coelho, Scott Kuenzinger, Justin Graham, Ben Hyatt, Hussein Zewlam, Ashley Trautt
- (6) ***The Effects of Air Pollutants and Pulmonary Function***
Kennedy- Kiet Tuan Vu, Alam Hasson, PhD
- (7) ***Extrusion Processing of Fruit Pomace***
Preetan Sarkar, Gour S. Choudhury, PhD
- (8) ***A Qualitative Study of Three Community Groups in the San Joaquin Valley Emerging Neighborhood Groups and Relations of Social Capital***
Kris Clarke, PhD
- (9) ***The Brief Symptom Inventory***
Sean Hornsby, Christine Edmondson, PhD
- (10) ***Imaging Changes from Partial Breast Radiation Therapy by Various Approaches – IORT, SAVI, CONTURA***
Elizabeth Tong, Jimmin Chang, PhD, Haydee Ojeda, MD
- (11) ***Description of Diabetic Patients by Nephropathy (kidney disease) Status***
Jay Hariharan, MD, Saira Khan, MD, Susan Hughes

1:30 ***Canine Heartworm (Dirofilaria immitis) in Fresno and Madera counties, CA: prevalence differences between foothill and valley floor habitats***
Laura Miller, Paul Crosbie PhD

1:45 ***Insecticide Resistance and The Efficacy of Ground ULY Applications in Fresno County, CA***
Jodi J. Holeman, F. Steve Mulligan III, Fred Schreiber, Anthony J. Cornel and Paul R. Crosbie, Ph.D.

2:00 ***Synthesis and Characterization of Gd and Nd Nanoparticles***
Dulce G. Romero, Pei-Chun Ho, Saeed Attar, PhD, Dennis Margosan

2:15 ***Protein Structure Classification from NMR Spectra using Data Mining Techniques***
Arun Vignesh Kumar Aruchamy, Rehana Ferwin Mohamed Ali, Yu Cao, PhD, Krish Krishnan, PhD

2:30 ***Mapping Conserved DNA Markers in the Genome of Capsicum annuum by the Use of a CAPS/dCAPs Protocol***
Dylan Storey, James P. Prince, PhD

2:45 ***QTL Analysis and Candidate Genes for Horticultural Traits in a Recombinant Inbred Line Population of Pepper (Capsicum annuum)***
Chad Jorgensen, James P. Prince, PhD

3:00 ***Intestinal Parasite Prevalence in a Rural Mexican Village in the State of Sinaloa***
Jose Soto, Michael Lynch, MD, Paul R. Crosbie, PhD

3:15 – 3:30 **Break**—University Business Center, Gottschalks Gallery

5:00 **Concluding Address**—Alice Peters Auditorium, Room 191
Bringing Blogs into the Classroom
Xuesong (Sonya) Zhang, Ph.D.

Proceed to Student Awards Presentations and Social Hour

- Concurrent Session F
University Business Center
Room 192
- 1:30 *Acculturation, Parent-Child Conflict, and Academic Adjustment for Hmong Adolescents*
Amanda Ulrich, Robert Levine, PhD
- 1:45 *The Moderating Effects of Anxiety on Impulsivity in College Students with Intermittent Explosive Disorder*
Vincent Aguirre, Christine Edmondson, PhD
- 2:00 *Visual Similarity Ratings of Aquatic Plants and Animals by Undergraduates*
Janet Cisneros, Kristi Willis, Lara Triona, PhD, Jennifer Rigney, Maureen Callanan
- 2:15 *California Hispanic Nurses: Analysis of 1997, 2004, 2006, 2008 Survey Data*
Adelita Tinoco, Michelle Tellez, PhD
- 2:30 *On the Well-Covered Dimensions of Various Individual Graphs and Graph Families*
Isaac Birnbaum; Oscar Vega, PhD
- 2:45 *Financial Forecasting using Data Mining*
Luna Tjung, Ojoung Kwon, PhD
- 3:00 *Cultural Interpretations of London: A Panel of Ethnographies from Across the Pond*
Kaelyn Rodriguez, Jennifer Zenovich, Paw Vue, Shane Moreman, PhD
- 3:15 – 3:30 Break--University Business Center, Gottschalks Gallery
- 5:00 Concluding Address—Alice Peters Auditorium, Room 191
Bringing Blogs into the Classroom
Xuesong (Sonya) Zhang. Ph.D.

Poster Session I Continued
10:00 a.m. until 11:30 a.m.
University Business Center
Gottschalks Gallery

Authors will be available for questions from 10:00 a.m. until 11:30 a.m.

- (23) *Investigating the Expression Dynamics of Cell Adhesion Genes during Gastrulation in *Nematostella vectensis**
Aditi Prashar, Craig R. Magie, PhD
- (24) *Implementing Domain-Specific Languages using Service-Oriented Architecture*
Adam Cardenas, Shih-Hsi Liu, PhD, Xang Xiong, Marjan Memik, Barrett R. Bryant, Jeff Gray
- (25) *Scholar Athletes: Education, Sports, and Coming of Age in Los Angeles, 1940-present*
Frank J. Ortega, Ana Elizabeth Rosas, PhD

12:00 Plenary Session

Proceed to Student Awards Presentations and Social Hour

Poster Session I Continued
10:00 a.m. until 11:30 a.m

University Business Center
Gottschalks Gallery

Concurrent Session G

University Business Center
Room 286
Dean's Conference Room

Authors will be available for questions from 10:00 a.m. until 11:30 a.m.

- (12) **Using TAG Teaching to Decrease Toe Walking in a Child with Autism**
Angela Persicke, Marianne Jackson, PhD
- (13) **The Impact of Physician at Intake on Patient Care and Staff Satisfaction at an Academic Emergency Department**
Jennifer Johnson, P. Armenian, L. Weichenhal, MD, D. Campagne, MD, G. Kallsen, MD, Brandy Snowden
- (14) **Kinetics of the Reaction of Propylene Oxide with Chlorine Atoms**
Catalina Olea, Sean Campbell, Srikar Middala, Jeff Cole and Alam Hasson, PhD
- (15) **Individual Differences in the Tendency to Transmit Negative Gossip**
Shih Ying Toh, Robert Levine, PhD
- (16) **A Qualitative Study of the Refugee Hmong in Fresno County California: Health Beliefs about Childhood Injury and Health**
Grace Hatmaker, RN, MSN, Michael Russler, PhD
- (17) **Tolerance of Acanthamoeba to low Oxygen levels: Implications for Pathogenicity**
Ivan Cometa, Andrew Rogerson, PhD
- (18) **Effect of Physicians' Expressions of Uncertainty and Physician Sex on Patient Perceptions**
Janna Tassop, Paul C. Price PhD
- (19) **Non-Template Polymerization of Nucleotides into Genetic Elements by Thermophilic DNA Polymerase in Vitro**
Davis W. Cheng, Alejandro Calderon-Urrea, PhD
- (20) **A New Challenge: Application of Epigenetic Theory and Methods in Plant Breeding**
Davis W. Cheng, Alejandro Calderon-Urrea, PhD
- (21) **On-Custodial Divorced Fathers: A Qualitative/Quantitative Review on the Relationship between Father/Child Contact and Emotional Well-Being Among**
Christopher Gonzales Jr., Shaavari Dixit, PhD
- (22) **Protein Analysis of the Ontogenetic Changes of the Skeletal Muscle Protein in Zebrafish (*Danio rerio*)**
Shraddha Kamat, UlrikeMüller, PhD, Joy Goto, PhD

1:30 **Behavioral Predictions of Women Inmates: The Unfortunate & Effect of Low Facial Prominence**

Justin L. Matthews, Teenie Matlock, PhD

1:45 **Timing of speech and display affects the linguistic mediation of visual search**
Eric Chiu, Michael Spivey PhD

2:00 **Psychological and Physical Benefits of Mindfulness**
Eric Diddy, Siobhan O'Toole, PhD, Mark Kent

2:15 **The Effects of Verbal Abuse on Adolescent Males: An Attachment Theory Perspective**

Mark Kent, John William Boyd, PsyD, Siobhan O'Toole, PhD

2:30 **The Impact of the College Assistance Migrant Program on Migrant Student Achievement in the California State University System**

Adrian Ramirez, Ron Unruh, PhD

2:45 **Decision-Making in a Confidence-Based Gambling Task**

Pablo Morales, Martin Shapiro, PhD

3:00 **Profiling Coral and Bacterial Response to Yellow Band Disease**

Collin J. Closek, Shinichi Sunawaga, Michael K. DeSalvo, Todd Z. DeSantis, Yvette M. Piceno, Eoin L. Brodie, Christian R. Voolstra, Gary L. Andersen, Mónica Medina. PhD

3:15 – 3:30 Break—University Business Center, Gottschalks Gallery

5:00 **Concluding Address—Alice Peters Auditorium, Room 191**

Bringing Blogs into the Classroom

Xuesong (Sonya) Zhang, Ph.D.

Proceed to Student Awards Presentations and Social Hour

Concurrent Session H

University Business Center
Room 194

Poster Session I
10:00 a.m. until 11:30 a.m.

University Business Center
Gottschalks Gallery

Authors will be available for questions from 10:00 a.m. until 11:30 a.m.

1:30 ***The ABCD Conundrum: Women, Marriage, and Alternative Formations of Power***

Roksana Badruddoja, PhD

1:45 ***School-based Sexuality Education vs. Parent-Child Communication: Are Either Delaying Onset of Sexual Intercourse or Increasing Condom Use?***

W. Gregory Thatcher, MSPH, PhD

2:00 ***Factors Influencing the Matriculation Decisions of Applicants to the Jordan College of Agricultural Sciences and Technology at California State University, Fresno***

Desiree Molyneux, Steven J. Rocca, PhD

2:15 ***Social Time and Space Related to the Notion of Festivity Through the***

Hmong American New Years

Kao-Ly Yang, PhD

2:30 ***When You See Dead People: Paranormal "Sightings" as Eyewitness Events***

Matthew J. Sharps, PhD, Elaine Newborg, Stephanie Van Arsdall, Brianna Alcantar, Jordan DeRuiter

2:45 ***A Taxonomic Categorization of Modern Manufacturing Paradigms***

Arun N Nambiar, PhD

3:00 ***The Real Exchange Rate and the Current Account***

Gil Kim, PhD, Lian An, and Yoonbai Kim

3:15 – 3:30 Break--University Business Center, Gottschalks Gallery

5:00 **Concluding Address**—Alice Peters Auditorium, Room 191

Bringing Blogs into the Classroom

Xuesong (Sonya) Zhang, Ph.D.

Proceed to Student Awards Presentations and Social Hour

(1) ***An Exploratory Study Assessing the Relationship between Symbolic Racism and Social Dominance Orientation in a Multicultural Environment***
Simon Howard, Neelam Rattan, PhD

(2) ***Identifying Culturally Competent Clinical Skills in Speech-Language Pathologists Working in the Central Valley of California***

Christine A. Maul, M.A., CCC-SLP, A.B.D., Ashley Henderson

(3) ***Effectiveness of carrier RNA co-extraction methodologies using the Qiagen BioRobot EZ1® and EZ1® DNA Investigator Kit***

Johnny Upshaw, Colleen Proffitt, MS, Kevin Miller, PhD

(4) ***Perceived Superiority in Romantic Relationships: Blaming the Partner for Undesirable Features***

Chris Kaundart, Paul Price, PhD

(5) ***Reading Interests: A Comparison of Required Reading and Recreational Reading among College Students and its Impact on Academic Success Defined by College Grades***

Ariana B. Lopez, Sharvari Dixit PhD

(6) ***Optimal Strategies for a ride and tie race***

Phillip Williams, Ellen Veomett, PhD

(7) ***An Analysis and Representation of German Phonetic Construct Evidenced in a Bavarian Dialect with High German Dialectal Influence***

Britney M. Neufeld, Chris Golston, PhD

(8) ***Three Stage Vibration Isolation for Unmanned Aerial Vehicle Gimbal Targeting System***

Jose Rivera, Gemunu Happawana, PhD, Patrick Reilly, Walter Mizuno, PhD

(9) ***Development of Protocols for Enrichment of Specific Endocytic Vesicles Involved in β 3 Integrin Recycling in a Cell Culture Model***

Nathan Priestrup, Jinsha Liu, Jason Bush, PhD

(10) ***Correcting for the effects of evaporation on the GCMS analysis of ignitable***

Pahoua Xiong, Seth L. Yates, Eric C. Person PhD

(11) ***Experimental Study of Structural, Electrical, and Optoelectronic***

Properties of Zinc Oxide Nanostructures

Sung Kyu Lee, Daqing Zhang, PhD

Concurrent Session L

University Business Center
Room 194

Concurrent Session I

University Business Center
Auditorium, Room 191

- 3:30 **Understanding how dendritic fields established in *Caenorhabditis elegans***
Alejandro J. Escalante-Flores, Maria Gallegos, PhD
- 3:45 **Implementing the point-neuron model in Simbrain**
Christopher Estep, Jonathan Vickrey, Jeffrey Yoshimi, PhD
- 4:00 **Single-Dose Etomidate for Intubation in the Trauma Patient**
Hanifi Abdallah, S. James, K. Banh, MD, B. Snowden B., E. Hendey, MD
- 4:15 **Test Room Design for the Observation of Particulate Matters Arising Out of Agricultural Management Strategies**
Francisco Villasenor, Jose Jauregui, Diganta Adhikari, Nitaigour Mahalik, PhD
- 3:30 **Effects of Acute Stress on Hormonal Regulation of Food Intake in *Tilapia***
Kelli R. Upton and Larry G. Riley, PhD
- 3:45 **The Effects of Fasting and Re-feeding on the Neuroendocrine Control of Appetite in *Tilapia*, *Oreochromis mossambicus***
Rosemary R. Luzania, Kelli R. Upton, Ryan L. Eatley, Larry G. Riley, PhD
- 4:00 **Investigating the role of methyl farnesoate on fecundity in the tadpole shrimp, *Triops longicaudatus***
Michael Tran
- 4:15 **Methyl farnesoate regulation during reproduction of the tadpole shrimp, *Triops longicaudatus***
Mike Gledhill, Brian Tsukimura, PhD
- 4:30 **A Key to Identify Mitten Crab *Megalopae* in the San Francisco Bay Estuary**
Vanessa Gonzales, Brian Tsukimura, PhD
- 4:45 **Nutrient Composition of Alpaca (*Vicugna pacos*) Milk**
Stephen Minter, Elise Chad, Jon Robison, PhD
- 5:00 **Concluding Address—Alice Peters Auditorium, Room 191**
Bringing Blogs into the Classroom
Xuesong (Sonya) Zhang, Ph.D.
- 5:00 **Concluding Address—Alice Peters Auditorium, Room 191**
Bringing Blogs into the Classroom
Xuesong (Sonya) Zhang, Ph.D.

Proceed to Student Awards Presentations and Social Hour

Proceed to Student Awards Presentations and Social Hour

Concurrent Session J

University Business Center
Room 192

3:30 **Comparison of Three Soil Reclamation Techniques for Growing Processing Tomatoes in Westside SJV**

Prasad Yadavali, Florence Cassel S., PhD, Dave Goorahoo. PhD

3:45 **Efficacy of a Slow Release Nitrogen Fertilizer Formulation**

Shashi K.R. Yellareddygar, Dave Goorahoo. PhD, Florence Cassel S.. PhD

4:00 **Measurement and Monitoring of Bedload Sediment Transport along the Upper San Joaquin River**

Douglas DeFlich, Zhi Wang. PhD

4:15 **Interactive Effects of Mechanized Canopy Management and Reduced Deficit Irrigation on Shiraz Grapevines**

Dave B. Terry, S. Kaan Kurtural, PhD

4:30 **Study on Next Generation Technology Systems and Their Developments for Food and Agriculture**

Ravinder Guda, Nitaigour Mahalik, PhD

4:45 **Multiresolution technique based algorithm for sensor fault detection and Isolation**

Rupinder Kumari, Nitaigour Mahalik PhD

5:00 **Concluding Address—Alice Peters Auditorium, Room 191
Bringing Blogs into the Classroom**

Xuesong (Sonya) Zhang. Ph.D.

Proceed to Student Awards Presentations and Social Hour

Concurrent Session K

University Business Center
Room 286
Dean's Conference Room

3:30 **Environmental Protection Science: Missing Pieces in Bio-inventories, an Exploratory Study into the Science of Underground Bio-surveys**

Kathryn J. Biacindo, PhD

3:45 **Genetic Evidence of Permethrin Resistance in the Human Head Louse (PEDICULUS HUMANUS CAPITIS) from the San Joaquin Valley and San Francisco Bay Area, California**

Paul R. Crosbie, PhD, Jennifer Talbot

4:00 **Antibiotic fungi and proteins in the diet of small primates of Panama**

Derek Madden, Cathy Snyder, Devin Jones, Sierra Madden

4:15 **A New Lariat Structure and Biochemical Mechanism for Grape**

Cytochrome P450 Monooxygenase Gene CYP736B Pre-mRNA Splicing

Davis W. Cheng, Alejandro Calderon-Urrea, PhD

4:30 **Disparities in Cancer Survival within the South Asian population of the United States, 2000-2006**

Ratnali V Jain MD,MS, Paul K Mills PhD, MPH

4:45 **Necrotizing Enterocolitis in Term Infants: A Case Series**

Mathew Fruzza, DO; Jennifer McDermott, MD; Robert Dimand, MD

5:00 **Concluding Address—Alice Peters Auditorium, Room 191
Bringing Blogs into the Classroom**

Xuesong (Sonya) Zhang. Ph.D.

Proceed to Student Awards Presentations and Social Hour