30th Annual Student Research Competition  
Wednesday, March 2, 2016 from 5:00 to 9:00 p.m. in Colusa Hall 100A
Schedule of Presenters

**Group 1: Humanities and Behavioral and Social Sciences**

Presenter: **Rodney Thomson, History (Grad)**  
Faculty Mentor: Dr. Jeff Livingston

Presenter: **Martha Diaz, Anthropology (Grad)**  
Paper Title: “Santa Clara Valley Medical Center: Unearthing Ancestral Remains”  
Faculty Mentor: Dr. Colleen Milligan

Presenter: **Lucas M Alward, Political Science (Grad)**  
Paper Title: “Vets Behind Bars: An Empirical Analysis of Veteran Status in a County-Jail Setting”  
Faculty Mentor: Dr. Jonathan Caudill

Presenter: **Allison March, International Cognitive Visualization (Grad)**  
Paper Title: “Media Effecting Awareness of a Social Issue”  
Faculty Mentor: Dr. Neil H. Schwartz

Presenter: **Jaydeep Bhatia, Political Science (Grad)**  
Paper Title: “The Liberal Advantage: Examining the relationship between ideology and human development”  
Faculty Mentor: Dr. Lori Weber

Presenter: **Anna N Bartel, Psychological Science (Grad)**  
Paper Title: “Impact of Appearance-based Trait Inferences of Political Candidates on Comprehension of Contradictory Texts”  
Faculty Mentor: Dr. Neil Schwartz

Presenter: **Georgia Anderson-Nilsson, Political Science (Grad)**  
Paper Title: “The Institutional Determinants of Rural Poverty: A Cross-National Examination of Latin America”  
Faculty Mentor: Jennifer Wilking

Presenter: **James Proffer, Political Science (Grad)**  
Paper Title: “Nation-Building and Religion: Exporting Divisiveness”  
Faculty Mentor: Dr. Adam Irish

Judges: Dr. Matt Thomas, Political Science  
Dr. Darin Haeerle, Criminal Justice  
Dr. Synthia Sohyoun Shin, Finance & Marketing
Group 2: Behavioral and Social Sciences

Presenter: Michael Burklund, International Cogitative Visualization (Grad)
Paper Title: “Uncanny Perception”
Faculty Mentor: Dr. Neil Schwartz

Presenter: Neil Jacobson, Interdisciplinary Studies/ICV (Grad)
Paper Title: “Is There More to Color than Salience: Investigating the Role of Color in Legal Decision-Making”
Faculty Mentor: Dr. Neil Schwartz

Presenters: Samantha Gonzalez, Psychological Science (Grad)
Paper Title: “Differences in family stress and coping between White and Latino families experiencing IPV”
Faculty Mentor: Dr. Kyle Horst

Presenter: Heather Beiden Jacobs, Public Administration/Public Health (Grad)
Paper Title: “A Role for Peer Support in the Diabetes Epidemic”
Faculty Mentor: Dr. Paul Viotti

Presenter: Robert O Lester, Marriage and Family Therapy (Grad)
Paper Title: “Effects of Mentoring on College Population Seeking Counseling”
Faculty Mentor: Dr. Kyle Horst

Presenter: Lizbeth Ramirez, Applied Psychology (Grad)
Paper Title: “Counseling and Relationship Building as an Intervention for Children with Behavioral and Emotional Difficulties”
Faculty Mentor: Dr. Leesa Huang

Presenter: Brandon Fry, Psychological Science (Grad)
Paper Title: “A Positivity Bias in the Subjective Feeling of Mixed Affect”
Faculty Mentor: Dr. Michael Ennis

Judges: Dr. Susan Roll, Social Work
Dr. Robert Tinkler, History
Dr. Cheng Tu Hsieh, Kinesiology
Group 3: Communications and Education

Presenter: Kelsey Caldwell, Communication Studies (Grad)
Title: “Prevention Paradox: An Analysis of Sexual Assault Prevention Messages on College Websites.”
Faculty Mentor: Dr. Jennifer Malkowski

Presenters: Hilary Clair, Communication Studies (Grad)
Title: “Raising from the Ashes: Lessons About Materiality and Sensemaking from the Valley Fire”
Faculty Mentor: Dr. Stephanie Hamel

Presenter: Michael Huston, Political Science (Grad)
Paper Title: “Socialization Through Social Media”
Faculty Mentor: Dr. Lori Weber

Presenter: Kaitlyn Laczko, Communication Studies (Grad)
Paper Title: “‘Listen to Your Teacher’: GTA Compliance-Gaining Strategies in the College Classroom”
Faculty Mentor: Dr. Stephanie Hamel

Presenter: Saima Nazir, Curriculum and Instruction (Grad)
Paper Title: “MASCOT (Math, Science, English, Co-Teaching”
Faculty Mentor: Dr. Maris Thompson

Presenter: Maria Olson, Communication Studies (Grad)
Paper Title: “Beyond the Comfort Zone: Intercultural Communication Strategies”
Faculty Mentor: Dr. Stephanie Hamel

Presenter: JaEun Suk & Hyeljin Park, Marketing (UG)
Paper Title: “Students’ Feedback on Chico State Study Abroad Program: Re-Analysis from a promoter’s perspective”
Faculty Mentor: Dr. Matthew Meuter & Dr. Sohyoun Shin

Presenter: Janice Diane Taylor, Education/Curriculum and Instruction (Grad)
Paper Title: “A Study of the Strategies and Techniques used to teach informational or expository reading: Teacher interviews”
Faculty Mentor: Dr. Michael Kotar

Judges: Dr. Maris Thompson, Education
        Dr. Janell Bauer, Journalism
        Dr. Shawna Malvini Redden, Communication Studies
Presenter: **Charles G Brooke, Biological Science (Grad)**
Paper Title: “Do Biotic Iron Oxyhydroxides Mobilize Mercury?”
Faculty Mentor: **Dr. Emily Nuester**

Presenter: **Clara Buchholtz, Biological Science (Grad)**
Paper Title: “Spatial Distribution and Communal Galling Patterns of Tamalia coweni, the Manzanita Leaf Gall Aphid”
Faculty Mentor: **Dr. Donald Miller**

Presenter: **Arturo Berrun, Biology (Grad)**
Paper Title: “Uncharacterized genes in Hematopoiesis”
Faculty Mentor: **Dr. David Stachura**

Presenter: **Holly Cochran, Biological Science (Grad)**
Paper Title: “Utilization of Restored Riparian Woodlands by Cavity-Nesting Birds”
Faculty Mentor: **Dr. Donald Miller**

Presenter: **Pablo Diaz, Biological Science (Grad)**
Paper Title: “Micro RNA 375 and its effects on pancreatic alpha cells in type II Diabetes”
Faculty Mentor: **Dr. David Keller**

Presenter: **Gaylene L Kinzy-Reische, Interdisciplinary (Grad)**
Paper Title: “In-field predation and parasitism of the Arundo donax biological control agent Tetramesa romana in Northern California: An observational study”
Faculty Mentor: **Dr. Betsy Boyd**

Presenter: **Courtney Sage Silver, Biological Science (Grad)**
Paper Title: “Lexicon of love: vocalizations in multiple populations of Rana boylii”
Faculty Mentor: **Dr. Chris Ivey**

Presenter: **Jordan E Stambaugh, Environmental Science (Grad)**
Paper Title: “Remote Sensing of Tropical Forest Tree Species Composition in Papua New Guinea Using Multi-Band Spectral Analysis”
Faculty Mentor: **Dr. Randall Senock**

**Judges:**
- Dr. Jonathan Day, Biological Sciences
- Dr. John Mahoney, Biological Sciences
- Dr. David Stachura, Biological Sciences
Group 5: Natural Sciences, Engineering, and Computer Sciences

Presenter: Angelica Rodriguez & Kyle Gunther, Geology (UG)
Paper Title: “Analysis of Participation in Outdoor Nation Campus Challenge”
Faculty Mentor: Dr. Fletcher Alexander

Presenter: Brian Ellis, Kinesiology (Grad)
Paper Title: “Influence of High Intensity Power Training on Central Arterial Stiffness in Young Healthy Subjects”
Faculty Mentor: Dr. Michael M. Smith

Presenter: Gin Lawson, Biological Science (Grad)
Paper Title: “Molecular Methods for Determining the Predatory Status of Wattle-Necked Soft-Shelled Turtles on Hawaiian Goby fishes”
Faculty Mentor: Dr. Tag Engstrom

Presenter: Sri Hari Deep Kolagani, Business Administration (Grad)
Paper Title: “Content Based Web Pop-Up Analysis Using Text Mining”
Faculty Mentor: Dr. Arash Negahban

Presenter: Caleb Callaway, Computer Science (UG)
Paper Title: “newt”
Faculty Mentor: Dr. Tyson Henry

Presenter: Henry J Freimuth & Joanne O’Hara, Concrete Industry Management (UG)
Paper Title: “Rice Straw Fiber Utilization”
Faculty Mentor: Dr. Feraidon Ataie

Presenter: Sarah Knudsen, Applied Math and Physics (UG)
Paper Title: “Mirror Induced Polarization of Laser Beams”
Faculty Mentor: Dr. Anna Petrova-Mayor

Presenter: Vivekanand Kota, Electrical Engineering (Grad)
Paper Title: “Adaptive Learning Based Robotic Control”
Faculty Mentor: Dr. Hadil Mustafa

Judges: Dr. Hannah Aird, Geo & Environmental Science
Dr. Kurtis Kredo, Electrical and Computer Engineering
Dr. Arash Negahban, Business Information Systems