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)  
**Paper Title:** “The Movement at Chico State College: 1964-1976”  
**Faculty Mentor:** Dr. Jeff Livingston  
**Time:** 5:30-5:45

**Presenter:** Martha Diaz, Anthropology (Grad)  
**Paper Title:** “Santa Clara Valley Medical Center: Unearthing Ancestral Remains”  
**Faculty Mentor:** Dr. Colleen Milligan  
**Time:** 5:50-6:05

**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  
**Time:** 6:10-6:25

**Presenter:** Allison March, International Cognitive Visualization (Grad)  
**Paper Title:** “Media Effecting Awareness of a Social Issue”  
**Faculty Mentor:** Dr. Neil H. Schwartz  
**Time:** 6:30-6:45

**Presenter:** Jaydeep Bhatia, Political Science (Grad)  
**Paper Title:** “The Liberal Advantage: Examining the relationship between ideology and human development”  
**Faculty Mentor:** Dr. Lori Weber  
**Time:** 6:50-7:05

***Short Break: 7:05-7:15***

**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  
**Time:** 7:15-7:30

**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  
**Time:** 7:35-7:50

**Presenter:** James Proffer, Political Science (Grad)  
**Paper Title:** “Nation-Building and Religion: Exporting Divisiveness”  
**Faculty Mentor:** Dr. Adam Irish  
**Time:** 7:55-8:10

**Judges:** Dr. Matt Thomas, Political Science  
Dr. Darin Haerle, Criminal Justice  
Dr. Synhthia Sohyoun Shin, Finance & Marketing
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Schedule of Presenters

Group 2: Behavioral and Social Sciences

Presenter: Michael Burklund, International Cogitative Visualization (Grad)
Paper Title: “Uncanny Perception”
Faculty Mentor: Dr. Neil Schwartz
Time: 5:30-5:45

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
Time: 5:50-6:05

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
Time: 6:10-6:25

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
Time: 6:30-6:45

Presenter: Robert O Lester, Marriage and Family Therapy (Grad)
Paper Title: “Effects of Mentoring on College Population Seeking Counseling”
Faculty Mentor: Dr. Kyle Horst
Time: 6:50-7:05

***Short Break: 7:05-7:15***

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
Time: 7:15-7:30

Presenter: Brandon Fry, Psychological Science (Grad)
Paper Title: “A Positivity Bias in the Subjective Feeling of Mixed Affect”
Faculty Mentor: Dr. Michael Ennis
Time: 7:35-7:50

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
Time: 5:30-5:45

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
Time: 5:50-6:05

Presenter: Michael Huston, Political Science (Grad)
Paper Title: “Socialization Through Social Media”
Faculty Mentor: Dr. Lori Weber
Time: 6:10-6:25

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
Time: 6:30-6:45

Presenter: Saima Nazir, Curriculum and Instruction (Grad)
Paper Title: “MASCOT (Math, Science, English, Co-Teaching”
Faculty Mentor: Dr. Maris Thompson
Time: 6:50-7:05

***Short Break: 7:05-7:15***

Presenter: Maria Olson, Communication Studies (Grad)
Paper Title: “Beyond the Comfort Zone: Intercultural Communication Strategies”
Faculty Mentor: Dr. Stephanie Hamel
Time: 7:15-7:30

Presenter: JaEun Suk & HyeJin 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
Time: 7:35-7:50

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
Time: 7:55-8:10

Judges: Dr. Maris Thompson, Education
Dr. Janell Bauer, Journalism
Dr. Shawna Malvini Redden, Communication Studies
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Schedule of Presenters

Group 4 Biological, Agricultural, and Environmental Sciences

Presenter: Charles G Brooke, Biological Science (Grad)
Paper Title: “Do Biotic Iron Oxyhydroxides Mobilize Mercury?”
Faculty Mentor: Dr. Emily Nuester
Time: 5:30-5:45

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
Time: 5:50-6:05

Presenter: Arturo Berrun, Biology (Grad)
Paper Title: “Uncharacterized genes in Hematopoiesis”
Faculty Mentor: Dr. David Stachura
Time: 6:10-6:25

Presenter: Holly Cochran, Biological Science (Grad)
Paper Title: “Utilization of Restored Riparian Woodlands by Cavity-Nesting Birds”
Faculty Mentor: Dr. Donald Miller
Time: 6:30-6:45

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
Time: 6:50-7:05

***Short Break: 7:05-7:15***

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
Time: 7:15-7:30

Presenter: Courtney Sage Silver, Biological Science (Grad)
Paper Title: “Lexicon of love: vocalizations in multiple populations of Rana boylii”
Faculty Mentor: Dr. Chris Ivey
Time: 7:35-7:50

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
Time: 7:55-8:10

Judges: Dr. Jonathan Day, Biological Sciences
Dr. John Mahoney, Biological Sciences
Dr. David Stachura, Biological Sciences
### 30th Annual Student Research Competition

#### Schedule of Presenters

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<th>Group 5</th>
<th>Natural Sciences, Engineering, and Computer Sciences</th>
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<tr>
<td>Presenter:</td>
<td>Angelica Rodriguez &amp; Kyle Gunther, Geology (UG)</td>
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<td>Paper Title:</td>
<td>“Analysis of Participation in Outdoor Nation Campus Challenge”</td>
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<td>Faculty Mentor:</td>
<td>Dr. Fletcher Alexander</td>
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<td>Time:</td>
<td>5:30-5:45</td>
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| 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 |
| Time: | 5:50-6:05 |

| 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 |
| Time: | 6:10-6:25 |

| Presenter: | Sri Hari Deep Kolagani, Business Administration (Grad) |
| Paper Title: | “Content Based Web Pop-Up Analysis Using Text Mining” |
| Faculty Mentor: | Dr. Arash Negahban |
| Time: | 6:30-6:45 |

| Presenter: | Caleb Callaway, Computer Science (UG) |
| Paper Title: | “newt” |
| Faculty Mentor: | Dr. Tyson Henry |
| Time: | 6:50-7:05 |

**Short Break: 7:05-7:15**

| Presenter: | Henry J Freimuth & Joanne O’Hara, Concrete Industry Management (UG) |
| Paper Title: | “Rice Straw Fiber Utilization” |
| Faculty Mentor: | Dr. Feraidon Ataie |
| Time: | 7:15-7:30 |

| Presenter: | Sarah Knudsen, Applied Math and Physics (UG) |
| Paper Title: | “Mirror Induced Polarization of Laser Beams” |
| Faculty Mentor: | Dr. Anna Petrova-Mayor |
| Time: | 7:35-7:50 |

| Presenter: | Vivekanand Kota, Electrical Engineering (Grad) |
| Paper Title: | “Adaptive Learning Based Robotic Control” |
| Faculty Mentor: | Dr. Hadil Mustafa |
| Time: | 7:55-8:10 |

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