Group 1: Biological Sciences; Physical Sciences; and Health, Nutrition, and Clinical Sciences
Orientation: Colusa 100A at 5:30 pm
Presentations: 6:00 pm, Room - Colusa 100B

Presenter: Cab M. Esposito, Geology: Hydrology (Grad)
Paper Title: The Implications of Land Use and Population Projections on Groundwater Dependent Ecosystems
Faculty Mentor: Dr. Steffen Mehl

Presenter: John H. Machado, Microbiology (Undergrad)
Paper Title: Isolation of Sulfur Oxidizing Acidithiobacillus
Faculty Mentor: Dr. Emily Fleming and Dr. Serban Sarbu

Presenter: Sommer Casady, Geology (Grad)
Paper Title: Characterization of an Epithermal Deposit within the Antelope Valley Volcanic Center, Sierra County, California
Faculty Mentor: Dr. Hannah Aird

Presenter: Rebecca Belmonte, Biology (Grad)
Paper Title: The Role of SON in Blood Development
Faculty Mentor: Dr. David Stachura

Presenter: Dotun Olubeko, Nutrition and Food Science (Undergrad)
Paper Title: The Effects of Sulforaphane on Intercellular Communication in the Tumor Microenvironment
Faculty Mentor: Dr. Lauren Housley

Presenter: Tina Hanson, Biology (Grad)
Paper Title: Analysis of Novel Inhibitors of the GRB2 SH2 Domain that Decrease Proliferation in Chronic Myeloid Leukemia
Faculty Mentor: Dr. David Stachura

Presenter: Payton Laurie, Cellular and Molecular Biology (Grad)
Paper Title: cc144 Suppression Negatively Impacts Hematopoiesis
Faculty Mentor: Dr. David Stachura

Judges: Dr. Jonathan Day
Dr. Kristen Gorman
Dr. Hannah Aird
Dr. Cawa Tran
### 32nd Annual Student Research Competition Presenter’s Schedule
March 7, 2018 5:30-9:30 pm. Colusa 100

**Group 2: Engineering, Computer Science, Biological Science**
Orientation: Colusa 100A at 5:30 pm  
Presentations: 6:00 pm, Room – Colusa 115

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Paper Title</th>
<th>Faculty Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedro Valdivia, Computer Science (Undergrad)</td>
<td>A Closer Look at Unit Testing: Hide Bug and Seek</td>
<td>Dr. Kevin Buffardi</td>
</tr>
<tr>
<td>Kyle Rocha-Brownell, Physics/Computer Science (Undergrad)</td>
<td>Digital Textbook Creation Platform Featuring Modular Equation Derivations</td>
<td>Dr. Tyson Henry</td>
</tr>
<tr>
<td>Garrett Swan, Computer Science (Undergrad)</td>
<td>mArlo - An Observant and Reactive Mario</td>
<td>Dr. Elena Harris</td>
</tr>
<tr>
<td>Emily Egusa, Cellular and Molecular Biology (Undergrad)</td>
<td>Characterization of Bacterial Degradation of Polyhydroxybutyrate</td>
<td>Dr. Larry Hanne</td>
</tr>
<tr>
<td>Rigoberto Vazquez Jr. (non-presenting co-author Chelby Polines), Mechanical Engineering (Undergrad)</td>
<td>Fabrication and Mechanical Characterization of Engineered Scaffold</td>
<td>Dr. Ozgul Yasar and Ozlem Yasar</td>
</tr>
</tbody>
</table>

**Judges:**
Dr. Zahrasadat Alavi  
Dr. Meghdad Hajimorad  
Dr. David L Stachura
Group 3: Behavioral and Social Science: Anthropology
Orientation: Colusa 100A at 5:30 pm
Presentations: 6:00 pm, Room – Colusa 114

Presenter: Ashlyn Weaver, Anthropology (Grad)
Paper Title: The Forgotten Hawaiians of Chico, California
Faculty Mentor: Dr. William Nitzky

Presenter: Amy Perez, Anthropology (Undergrad)
Paper Title: Variety and Distribution of Orthopedic Devices in the Cyprus Research Reference Collection and their Relationship to Skeletal Trauma
Faculty Mentor: Dr. Eric Bartelink

Presenter: Dayne Gradone, Anthropology (Grad)
Paper Title: Herbs, Herbalists and Healing in the Western Highlands of Kenya
Faculty Mentor: Dr. Jesse Dizard

Presenter: Tamara Maxey, Anthropology (Grad)
Paper Title: Events of the Day: Material and Language at Two California 9/11 Memorials
Faculty Mentor: Dr. William Nitzky

Presenter: Mallory Peters, Physical Anthropology (Grad)
Paper Title: Bone Mineral Density in a Historic Pauper Cemetery
Faculty Mentor: Dr. Colleen Milligan

Presenter: Karin Wells, Anthropology (Grad)
Paper Title: Relationships between Dental Pathology and Ancestry from the Santa Clara County Valley Medical Center Pauper Cemetery
Faculty Mentor: Dr. Eric Bartelink

Presenter: Valerie Sgheiza, Anthropology (Grad)
Paper Title: Skeletal Qualification and Element Independence
Faculty Mentor: Dr. Eric Bartelink

Judges: Dr. Matt O’Brien
Dr. Susan Roll
Group 4: Humanities, Letters, and Interdisciplinary
Orientation: Colusa 100A at 5:30 pm
Presentations: 6:00 pm, Room – Colusa 112

Presenter: Catherine Wilcox, English (Grad)
Paper Title: Speaking Against Silence: A Rhetorical Analysis of Social Media Activism against Domestic and Sexual Violence in Christian Communities
Faculty Mentor: Dr. Kendall Leon

Presenter: Jake Brooks, Exercise Physiology/Honors (Undergrad)
Paper Title: The Moralization of Motivations to Preserve and Promote Health
Faculty Mentor: Dr. Aubrey Newland

Presenter: Kanako Otani, Communication Studies (Undergrad)
Paper Title: Oral Interpretation: The Songs of Hiroshima
Faculty Mentor: Sue Peterson

Presenter: Megan Mann, English (Grad)
Paper Title: Facing Medusa: Mythology in Bessie Head’s A Question of Power
Faculty Mentor: Dr. Erin Kelly

Presenter: Jeanette Adame, History (Grad)
Paper Title: Free and Enslaved African and Afro-Creole Women in the New Orleans Cabildo, 1769-1800
Faculty Mentor: Dr. Kate Transchel

Presenter: Mary Gilbaldi, English (Grad)
Paper Title: The Home Paradox: Women’s Domestic Space in Literature
Faculty Mentor: Dr. Erin Kelly

Presenter: Alison Saechao, History (Grad)
Paper Title: Dr. Horace Newton Allen and U.S. Relations with Korea in the Late 19th and Early 20th Century
Faculty Mentor: Dr. Sinwoo Lee

Judges: Dr. Katia Samoilova
        Dr. Zanja Yudell
### Group 5: Behavioral and Social Sciences: Economics, Health, Psychology

**Orientation:** Colusa 100A at 5:30 pm  
**Presentations:** 6:00 pm, Room – Colusa 111

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Paper Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Charity Zimmerman, Economics (Undergrad)</td>
<td>Dying for the Latest Fashion</td>
<td>Dr. Anita Chaudhry</td>
</tr>
<tr>
<td>Laura Miller, Child Development (Undergrad)</td>
<td>Childhood Abuse and Self-concept Clarity</td>
<td>Dr. Shelley Hart</td>
</tr>
<tr>
<td>Parker Rhodes, Economics (Undergrad)</td>
<td>Does a Good Guy with a Gun Deter Crime? The Implications of Concealed Carry Laws</td>
<td>Dr. Anita Chaudhry</td>
</tr>
<tr>
<td>James Basinger, Nursing (Undergrad)</td>
<td>Study on Knowledge and Behavior Regarding Self-harm in Teens</td>
<td>Dr. Holly Kralj</td>
</tr>
<tr>
<td>Evan Roberts, Economics (Undergrad)</td>
<td>The Vehement Disagreement over Four Percent</td>
<td>Dr. Anita Chaudhry</td>
</tr>
<tr>
<td>Emily Treat, Psychology (Undergrad)</td>
<td>Does Size Really Matter: Influence of Inaccurate Perceptions of Body Size on Eating Attitudes</td>
<td>Dr. Martin van den Berg</td>
</tr>
<tr>
<td>Kylie Taylor, Economics (Undergrad)</td>
<td>California Dreaming or California Delusion</td>
<td>Dr. Anita Chaudhry</td>
</tr>
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**Judges:**  
Dr. Matt Thomas  
Dr. Darin Haerle
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Group 6: Behavioral and Social Sciences: Education; Health, Nutrition and Clinical Sciences
Orientation: Colusa 100A at 5:30 pm
Presentations: 6:00 pm, Room – Colusa 100A

Presenter: Carina Gutierrez and Carmina Vital, Psychology (Grad)
Paper Title: Evaluating Mindful Lessons
Faculty Mentor: Dr. Donna Kreskey

Presenter: Gardenia Juarez, Kinesiology (Grad)
Paper Title: The Experience of Older Adults with Physical Disabilities in a University Service-Learning Program
Faculty Mentor: Dr. Josie Blagrave

Presenter: Angela Buckner, Social Work (Grad)
Paper Title: The Adoption of Children with Disabilities: An Exploration of Altruistic Behavior and Motivations
Faculty Mentor: Dr. Sue Steiner

Presenter: Cory Tondreau, Psychological Science (Grad)
Paper Title: Attitude Change on Immigration by Goal Framing and Graphics
Faculty Mentor: Dr. Neil Schwartz

Presenter: Marjie Starkey, Education (Grad)
Paper Title: Implementation of Multi-Tiered System of Supports in Urban versus Rural Settings
Faculty Mentor: Dr. Ann Schulte

Presenter: Ginger Alonso, Political Science (Grad)
Paper Title: Cultivating Clinicians: The Distribution of America’s Medical Schools and the Persistent Problem of Physician Access
Faculty Mentor: Dr. Andrew Potter

Presenter: Megan Leever, Andrea Avina, Natalie Crum, and Elizabeth Greenman, Communication Sciences and Disorders (Grad)
Paper Title: Impact of Personal Relevance on the Verbal and Written Expression in Individuals with Aphasia: An ABAB Design
Faculty Mentor: Dr. Shelley Von Berg

Judges: Dr. Shelley Hart
Dr. Jennifer Malkowski
## 32nd Annual Student Research Competition Presenter’s Schedule
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### Group 7: Communications, Multicultural and Gender Studies, Psychology, and Social Work

**Orientation:** Colusa 100A at 5:30 pm  
**Presentations:** 6:00 pm, Room – Colusa 116

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Paper Title</th>
<th>Faculty Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karyn Cornell, Public Administration (Grad) and Amy Rhoades, Social Work (Undergrad)</td>
<td>Town Hall 2.0</td>
<td>Dr. Susan Roll, Dr. Ann Schulte, Dr. Matt Thomas</td>
</tr>
<tr>
<td>Alejandro Alfaro Ramirez, Multicultural and Gender Studies (Undergrad)</td>
<td>The Myth of Aztlan, the Cosmic Race, and Mexican Nationalism</td>
<td>Dr. Paul Lopez</td>
</tr>
<tr>
<td>Kristin D. Vierra, Psychology (Undergrad)</td>
<td>Exploring the Feminist Identity Development of Girls in Ages 8-12</td>
<td>Dr. Linda Kline</td>
</tr>
<tr>
<td>Brett Butler, Communication Studies (Grad)</td>
<td>The Recipe for Lemonade: One Scoop of Feminism + Beyonce</td>
<td>Dr. Jennifer Malkowski</td>
</tr>
<tr>
<td>Zhanna Kusmanova, Psychology (Grad)</td>
<td>Larry P. Through the Lens of School's Systems Approach</td>
<td>Dr. Leesa Huang, Dr. Donna Kreskey</td>
</tr>
<tr>
<td>Jolene Moore, Communication Studies (Grad)</td>
<td>#MeToo: A Qualitative Analysis on Conversations Around Sexual Harassment and Sexual Assault</td>
<td>Dr. Stephanie Hamel</td>
</tr>
</tbody>
</table>

**Judges:**  
Dr. Janell C. Bauer  
Dr. Nan Li  
Dr. Jennifer Brundidge