DRAFT Poster Info for SAGE 2017

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Poster Locations
Poster presentations are divided into two sessions. The poster sessions are in Grand Salon. All poster locations are identified by number and a letter. The number represents the poster location in Grand Salon (see the map at the end of this document) and the letter denotes the presentation session.

A PDF booklet of poster abstracts will be available for download at http://www.csuci.edu/src/.

Anthropology

POSTER 1A:
"Citizen's Perception of Law Enforcement" by Daisy Gomez.
Mentor: Colleen Delaney (Anthropology)
POSTER 1B:
"Multiculturalism On Santa Cruz Island - A Look At Historical Fishing Sites" by Brandon Lim, Joshua Gonzales.
Mentor: Colleen Delaney (Anthropology)

POSTER 2A:
"An Anthropological investigation of emerging advancements effect on the entertainment structure." by Frankay Campbell.
Mentor: Colleen Delaney (Anthropology)

POSTER 2B:
"Gender Roles in the Workplace: Women’s Changing Views" by Frances Klingenger.
Mentor: Colleen Delaney (Anthropology)

POSTER 3A:
"A Cross Cultural Analysis of Mummification Methods in Egypt, Chile, and the Torres Strait" by Patricia Armstrong.
Mentor: Colleen Delaney, Rachel Olsthoorn (Anthropology)

POSTER 3B:
"Historic Archaeology of the Oxnard Plain and the Unheard Voices of America’s Agricultural Landscape: An Analysis of Rural Life during the Interwar Period" by James Brewer.
Mentor: Colleen Delaney (Anthropology)

POSTER 4A:
"Ritual Shell Use Among the Ancient Maya" by Rachael Duncan.
Mentor: Colleen Delaney, Rachel Olsthoorn (Anthropology)

POSTER 4B:
"Chumash Rock Art and the Ritual use of Datura" by Jarrod Chudacoff.
Mentor: Colleen Delaney (Anthropology)

POSTER 5A:
"The Americanization of Slava Practices throughout First and Second Generation Serbian-American Immigrants in Los Angeles" by Tatiana Mijailovic.
Mentor: Colleen Delaney (Anthropology)

POSTER 5B:
"Hanging Coffins: Is this a taboo? Cemetery distributions along trade routes." by Rachel Smithers.
Mentor: Rachel Olsthoorn, Colleen Delaney (Anthropology)

POSTER 6A:
"Community Building Through Music" by Vikram Johnson.
Mentor: Colleen Delaney (Anthropology)

POSTER 6B:
"Capstone Proposal" by Scott Lang.
Mentor: Colleen Delaney (Anthropology)

Applied Physics

POSTER 7A:
"An Intelligent Air Compressor" by Brian Rasnow, Benjamin Ramirez, Alexander Barrick.
Mentor: Brian Rasnow (Applied Physics)

POSTER 7B:
"An Intelligent Air Compressor" by Brian Rasnow, Benjamin Ramirez, Alexander Barrick.
Mentor: Brian Rasnow (Applied Physics)

POSTER 8A:
"Super-resolution Cardiomyocytes Imaging" by Jasmine Salgado, Angelea Gephart, Brandon Eck
Mentor: Brian Rasnow (Applied Physics)

POSTER 8B:
"Sustainability in Campus Infrastructure" by Erik Leiterman, Bradley Marson, Zosimo Geluz, Juan Ramirez
Mentor: Gregory Wood (Applied Physics)

Art-History

POSTER 9A:
"The Medieval World of Electronic Dance Music" by Alexis Bobbitt.
Mentor: Alison Perchuk (Art - History)

POSTER 9B:
"The Photographs of Maïmouna Guerresi" by Taylor Pastrano.
Mentor: Alison Perchuk (Art - History)

Art - Studio

POSTER 24A&B:
"Ollas Inspired by Nature" by Carly Frice.
Mentor: Amiko Matsuo (Art - Studio)

POSTER 32A:
"Comparative Analysis of Clay Bodies with Regards to Shrinkage and Absorption" by Vivian Garcia, Dayana Huerta, Morgan Michelson.
Mentor: Amiko Matsuo (Art - Studio)

Biology

POSTER 10A:
"Ceramic Ollas: Taking a Modern Approach to a Traditional Irrigation Method" by Briana Jimenez, Dr. Ruben Alarcon.
Mentor: Ruben Alarcon (Biology)

POSTER 10B:
"Visualizing Intertidal Variance: Coupling Environmental and Biological Data within a Geospatial Framework to Identify Population Trends" by Angelea Gephart, Brianna Demirci, Alex Safian.
Mentor: Geoff Dilly, Assistant Professor of Biology, CSUCI (Biology)

POSTER 11A:
"Parse It! Expediting Ecological Data Collection with Automation Scripts" by Brianna Demirci, Ty Danet.
Mentor: Geoff Dilly, Assistant Professor of Biology, CSUCI (Biology)

POSTER 11B:
"Plant Propagation Trials of Native Trees" by Astrid Barajas, Dr. Ruben Alarcon.
Mentor: Ruben Alarcon (Biology)

POSTER 12A:
"Algal Bioreactor Design and Development" by Gabriel Cortez, Sarah Bedard, Sara Lynn, Alanna Overturf, Lynn Utley.
Mentor: Erich Fleming (Biology)

POSTER 12B:
"Developmental Changes of Skeletal Muscle Fiber Type Composition in Baleen Whales" by John Daly, Ralph Glass IV, Jessikah Morales, Sarah Yarborough, Eyiram McKenzie, Krisha Algoso, Alexander Safian, Shirley Lopez, Katie Messerly, Andrea Mendez-Bye.
Mentor: Cori Newton, Rachel Cartwright (Biology)

POSTER 13A:
"Using Quantitative PCR to Profile Thermal and Emersion Induced Stresses in California Mussels" by Garrick Brazier, Katherine Christensen.
Mentor: Geoff Dilly, Assistant Professor of Biology, CSUCI (Biology)

POSTER 13B:
"Changing Tides: Analyzing the Physiological Responses of Mytilus californianus to Emersion and Thermal Stresses" by Katherine Christensen, Garrick Brazzier, Randy Moran.
Mentor: Geoff Dilly (Biology)

POSTER 14A:
"A Nutritive Analysis of Companion Planted Crops and Fungi" by Jazmin Horvet, Dr. Ruben Alarcon.
Mentor: Ruben Alarcon (Biology)

POSTER 14B:
Mentor: Allison Alvarado (Biology)

POSTER 15A:
"Cloning of Neuroglobin Regulatory Sequences in Balaenoptera" by Rachel Kandel, Garrick Brazier.
Mentor: Charles Sackerson (Biology)

POSTER 15B:  
"Preventing Colony Collapse Disorder in Honey Bees (Apis mellifera) Using a New Treatment" 
by Luke Gonzales, Dr. Ruben Alarcon. 
Mentor: Ruben Alarcon (Biology)

POSTER 16A:  
"A Photogrammetric Protocol For Measuring Length of Humpback Whales" by Sarah Yarborough, Jamie Carlton, Brittany Gutierrez. 
Mentor: Rachel Cartwright (Biology)

POSTER 16B:  
"Meeting the Neighbors: Investigating the Stock Identity of Humpback Whales Seen in Local Waters" by Tori Thompson. 
Mentor: Rachel Cartwright (Biology)

POSTER 17B:  
"Comparative studies of myoglobin expression in a muscle cell line in vitro" by Vivian Garcia, Rachel Kandel. 
Mentor: Charles Sackerson (Biology)

Chemistry

POSTER 17A:  
"Economic Spin and Dip Coaters" by Andrew Adford, Michael Bresnahan, Hailey Speerstra. 
Mentor: Brittnee Veldman (Chemistry)

POSTER 18A:  
"Inhibition of Neisseria meningitidis by 2',3'-O-isopropylidene modified nucleosides" by Casey Jacobsen, Cameron McLaughlin. 
Mentor: Ahmed Awad (Chemistry)

POSTER 18B:  
"Effects of Heat and EMF on Drosophila melanogaster Proteome" by Andrew Vierra, Casey Jacobsen, Angelea GePhart, Jasmine Salgado. 
Mentor: Blake Gillespie (Chemistry)

POSTER 19A:  
"Analysis of Rice Determining if it is a Significant Source of Mercury to Humans" by Courtney Mayhew, Meagan Swede. 
Mentor: Simone Alosio (Chemistry)

POSTER 19B:  
"Stability of Wild Type CusF in the presence and absence of a ligand" by Artrose Tuano, Dr. Blake Gillespie. 
Mentor: Blake Gillespie (Chemistry)

POSTER 20A:  
"Protein-ligand Effects on the Stability of CusF Measured through Chemical and Thermal
Denaturations" by Isabel Zecua.  
Mentor: Blake Gillespie (Chemistry)  

POSTER 20B:  
"Retention of ethanol in a wine-based pasta sauce." by Blake Gillespie, Adriana Bracamontes.  
Mentor: Blake Gillespie (Chemistry)  

POSTER 21A:  
"The effects of near-freezing thermal stress on the proteome of Saccharomyces cerevisiae." by Lorna Razo Gomez, Jose Tamayo.  
Mentor: Blake Gillespie (Chemistry)  

POSTER 21B:  
"Observations of proteomic changes in barley in response to salt-stress" by Courtney Mayhew, Darlene Guerrero, Valeria Cervantes.  
Mentor: Blake Gillespie (Chemistry)  

POSTER 22A:  
"Complete Binary Phase Diagram Laboratory for Undergraduate Physical Chemistry Courses" by Thomas Dorch.  
Mentor: Britnee Veldman (Chemistry)  

POSTER 22B:  
"Analysis of Mercury Concentration Differences in Wild and Farmed Salmon" by Tiffany Evans.  
Mentor: Simone Alosio (Chemistry)  

Communication  

POSTER 23B:  
"STEM Inspired: Inspiring the Next Generation" by Katie Rempert, Jacob Zendejas, Soledad Jothier.  
Mentor: Christina Smith (Communication)  

Computer Science  

POSTER 51A:  
"Uncovering a Lattice Encryption Scheme" by Timothy Indrieri, Edward Morkunas.  
Mentor: Dr. Michael Soltys (Computer Science)  

POSTER 51B:  
"Constructing SPEQ-DB: A Simple Program for Enhancing Quality in Online Discussion Boards" by Nicole Dubin, Sara Colon (University of California, Santa Barbara), Rafael Hernandez (Oxnard College).  
Mentor: Brian Thoms (Computer Science)  

POSTER 52A:  
"Cue Identification Using Support Vector Machines" by Corey Smith.  
Mentor: Andrezj Bieszczad (Computer Science)
POSTER 52B:
"Robot Navigation using Inverse Compensation Vector" by Jesus Bamford.
Mentor: Andrezj Bieszczad (Computer Science)

POSTER 53A:
Mentor: Jason Isaacs (Computer Science)

POSTER 53B:
"Swarmathon" by Alexandra Collette.
Mentor: Jason Isaacs (Computer Science)

EXHIBIT:
"Human Robot Interaction with a small humanoid robot" by Winter Smith, Jessica Perez.
Mentor: David Claveau (Computer Science)

**Engineering**

POSTER 23A:
"From Stone to Drone – Climate Analysis and Hurricane Hunting" by Cody Clark.
Mentor: Ivona Grzegorczyk, Christopher Onzol (Engineering)

POSTER 25A:
"From Stone to Drone - Agriculture" by Yajaira Milan.
Mentor: Ivona Grzegorczyk, Christopher Onzol (Engineering)

POSTER 25B:
"From Stone to Drone - Agriculture" by Walter Zetsche.
Mentor: Ivona Grzegorczyk, Christopher Onzol (Engineering)

POSTER 26A:
"From Stone to Drone - Communications" by Jillian Baughman.
Mentor: Ivona Grzegorczyk, Christopher Onzol (Engineering)

POSTER 26B:
"From Stone to Drone – Wildlife Conservation" by Yadira Cordova.
Mentor: Ivona Grzegorczyk, Christopher Onzol (Engineering)

**Environmental Science and Resource Management**

POSTER 33A:
"Microplastic pollution seldom ingested by Southern California marine planktivorous fishes" by Alex Ceja, Dr. Clare Steele, Dr. Sean Anderson.
Mentor: Clare Steele, Sean Anderson (Environmental Science and Resource Management)

POSTER 33B:
"Carbon Dioxide Emission Models Show High Sensitivity to Fuel Type" by Alyse Bader.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 34A:
"No Evidence of Marine Protected Areas Influence on Fish Distribution at Santa Rosa Island National Park" by Amanda Shepherd.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 34B:
"Positive Attitude Shifts After an Environmentally Based Work Experience Program in High School and College-Bound Students" by Ammy Baez.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 35A:
"Humans Harm Winter Migrating Shorebirds in Ventura County" by Andrew Damron.
Mentor: Donald Rodriguez, Sean Anderson (Environmental Science and Resource Management)

POSTER 35B:
"Marine Debris increases in the Santa Barbara Channel beaches over the last thirty years" by Andrew Spyrka.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 36A:
"Oyster Mushroom Removes Oil with Woodchip Substrate Layer" by Angelique Frost.
Mentor: Sean Anderson, Mary Woo (Environmental Science and Resource Management)

POSTER 36B:
"Santa Rosa Island Lagoons Baseline Monitoring: A tidally influenced highly seasonal system" by Aspen Coty, Dr. Sean Anderson.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 37A:
"Microplastic deposition between two Southern California wetlands" by Corey Greenfield.
Mentor: Sean Anderson, Kiki Patsch, Professor, Clare Steele (Environmental Science and Resource Management)

POSTER 37B:
"Utilizing Drones to Quantify the Geomorphology of the Santa Clara River for Endangered Steelhead Trout" by Daniel Glassman.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 38A:
"Expanding the Offshore Aquaculture potential of Coastal California: Using geospatial analysis to improve site selection of farmed marine species" by Daniel Turek.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 38B:
"Environmental education shows positive effects on middle school students" by Daniella Caccavalla, Donald Rodriguez.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 39A:
"Sandy Beach Microplastic Abundance Varies Within Different Sand Grain Sizes at Four Ventura County Shorelines" by Devyn Roadhouse, Dr. Clare Steele.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 39B:
"Environmental education programs promote positive pro-environmental and pro-STEM attitudes" by Dulce Lopez, Chris Rini.
Mentor: Sean Anderson, Donald Rodriguez (Environmental Science and Resource Management)

POSTER 40A:
"Optimal sampling strategies for quantifying the endangered Dudleya verityi" by Emily Hidalgo, Dr. Sean Anderson.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 40B:
"The Importance of Developing a Remotely Operated Vehicle Policy at CSU Channel Islands" by Gregory Vance.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 41A:
"A New Conservation Priority Map for the Santa Monica Mountains: Using Key Drivers in Geospatial Modeling" by Helen Eloyan.
Mentor: Sean Anderson, Brett Hartman (Environmental Science and Resource Management)

POSTER 41B:
"Long-Term Monitoring (1929 - 2012) of Erosion and Plant Succession on Santa Rosa, California" by Jamie Masukawa.
Mentor: Brett Hartman (Environmental Science and Resource Management)

POSTER 42A:
"Moderate Levels of Total Polycyclic Aromatic Hydrocarbons in Coastal Sediments Almost Two Years After the Refugio Oil Spill" by Jeyla Fendi, Mary Woo.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 42B:
"Reaffirming Native Nutritional Knowledge: Dichelostemma capitatum and the linked occurrence of management." by Karen Ramirez, Dr. Blake Gillespie, Dr. Colleen Delaney.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 43A:
"Potential Habitats of Dudleya verityi Located in the Santa Monica Mountains Illuminated by Remotely Piloted Systems" by Katherine Furlong.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 43B:
"Estimating the Recreational Value of Channel Islands National Park Using Travel Cost Methods" by Madeline Pascal.
Mentor: Jared Barton, Sean Anderson (Environmental Science and Resource Management)

POSTER 44A:
"Microplastic ubiquitous across 110 km of Calleguas Creek Watershed in Ventura County, CA" by
Maggie Domingo.
Mentor: Sean Anderson, Clare Steele (Environmental Science and Resource Management)

POSTER 44B:
"Zoo Attendance Improves the Environmental Attitudes of Visitors" by Mallory Eckerson Perry.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 45A:
"Crude Oil Water Accommodated Fraction is Detrimental to Purple Sea Urchin (Strongylocentrotus purpuratus) Fertilization." by Noreen Ednave.
Mentor: Sean Anderson (Environmental Science and Resource Management)

POSTER 45B:
"Channel type strongly influences water quality parameters within the Calleguas Creek Watershed" by Shannon Morris.
Mentor: Sean Anderson, Clare Steele (Environmental Science and Resource Management)

POSTER 46A:
"When Given the Option, University Students Choose Fair Trade or Sustainable Products" by Summer Lee.
Mentor: Sean Anderson (Environmental Science and Resource Management)

General

POSTER 27A:
"From Stone to Drone - Communications" by Karina Covarrubias.
Mentor: Ivona Grzegorczyk, Christopher Onzol (General)

POSTER 27B:
"Drones & their Impact on the Environment" by Daisy Okoyeocha.
Mentor: Ivona Grzegorczyk, Christopher Onzol (General)

POSTER 28A:
"The Sci-fi Flute Algebraic Surface" by Bobby Martinez.
Mentor: Ivona Grzegorczyk (General)

POSTER 28B:
"The Talking M&M Surface" by Ivan Toledo.
Mentor: Ivona Grzegorczyk (General)

POSTER 29B:
"From Stone to Drone - Purpose of Musical Instruments" by William Millton.
Mentor: Ivona Grzegorczyk, Christopher Onzol (General)

Health Science

POSTER 29A:
"Integrating Nutrition, Exercise, and Environment Education for Local High School Students" by Jovy Mann, Wyatt Bishop, Claudia Chavarin, Hildy Anne Gonzales, Jennifer Iparraguirre, Sarah
Specker.
Mentor: Kristen Linton (Health Science)

POSTER 30A:
"The Use of Alcohol and Cocaine During Pregnancy" by Morgan Wynn, Genesis Fabian.
Mentor: Kristen Linton (Health Science)

POSTER 30B:
"Patient Empowerment in Reducing Medical Errors" by Ashlyn Cargnel, Serena Spencer.
Mentor: Kristen Linton (Health Science)

POSTER 31B:
"Occupants with Asthma Living in Rural, Urban, Suburban" by Kimberly Espinoza.
Mentor: Kristen Linton (Health Science)

History

POSTER 32B:
"Japanese-American Identity and Art: The Effects of Internment" by apolinario schramm.
Mentor: Julia Ornelas-Higdon (History)

Information Technology

POSTER 54B:
"A Dynamic Analysis and Graphing of Key Medical Terms" by Francisco Moo.
Mentor: Brian Thoms (Information Technology)

Mathematics

POSTER 54A:
"Cryptolliptic - Elliptic curve cryptography" by Apurva Bharaswadkar.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 55A:
"What Can A Shape's Skeleton Tell Us About Its Complexity?" by Brandon Artner.
Mentor: Kathryn Leonard (Mathematics)

POSTER 55B:
"Geometric Properties of Circular Paraboloid" by Ana Rodriguez.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 56A:
"Geometric Properties of Intersecting Planes, Double Planes, and Parallel Planes" by Christian Ramos.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 56B:
"Geometric Properties of Elliptic and Circular Cylinders" by Camilo Triana, Ignacio Cortez.
Mentor: Jennifer Clinkenbeard (Mathematics)
POSTER 57A:
"Geometric Properties of Elliptic Cones" by Christian Wagstaff.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 57B:
"Geometric Properties of the Hyperbolic Cylinder" by Dale Perizzolo.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 58A:
"Geometric Properties of the Circular Cone" by David Lopez.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 58B:
"All about the Bulging-Axis Egg Surface for 3-ellipse" by David Lieberman.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 59A:
"Boomerang Cryptography" by Deepa Suryawanshi.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 59B:
"Curtis Jenny Zariski-closure of 3-ellipse" by Donna Murphy.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 60A:
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 60B:
"Geometric Properties of a Hyperboloid of Two Sheets" by Francisco Lee Giesseman.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 61A:
"An Epidemiological Math Model Approach to a Political System with Three Parties" by Garrett Lopez, Angel Ramos, Ty Danet.
Mentor: Cynthia Flores, Selenne Banuelos (Mathematics)

POSTER 61B:
"A Normalizing Method for Calculating Tortuosity" by George Walden.
Mentor: Geoff Dougherty (Mathematics)

POSTER 62A:
"Private-public key cryptography based on elliptics curves" by geetanjali agarwal.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 62B:
"A closer look at the Macomb County political party swing" by Haley Pena, Tiffany Jenkins.
Mentor: Selenne Banuelos, Cynthia Flores (Mathematics)

POSTER 63A:
"The Bow-Tie Surface" by Jennifer Silva.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 63B:
"GROUP ACTIONS AND MUSICAL SCALES" by James Allen, Paul Estrada, Michael McCann, David Lieberman.
Mentor: Jesse Elliott (Mathematics)

POSTER 64A:
"Geometric Properties of a Hyperbolic Paraboloid" by Jordan Kinberg, David Lary.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 64B:
"Warp Zone 1-2" by Kevin Howe.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 65A:
"Geometric Properties of Ellipsoids, Spheroids, and Spheres" by Julie Enos, Pauline Zabala.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 65B:
"Ocean-Bay Curve Cryptography" by Manjunath Hampole.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 66A:
"A closer look at the Macomb County political party swing" by Kristen Godinez, Matt Costa.
Mentor: Cynthia Flores, Selenne Banuelos (Mathematics)

POSTER 66B:
"Surface with a Double Red Cross" by Maria Baroi-Chavez.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 67A:
"Zariski-closure surface for 3-ellipse with foci at two parallel lines and a point." by Lazarus Dixon.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 67B:
"Geometric Properties of the Elliptic Paraboloid" by Martin DeSantiago.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 68A:
"On the Distribution of Primes in an Imaginary Quadratic Number Ring" by Michael Ruiz.
Mentor: Brian Sittinger (Mathematics)

POSTER 68B:
"Double Infinity Surface" by Susan Milne.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 69A:
"Lucky Surface of Degree 8" by Osbelia Dueñas.
Mentor: Ivona Grzegorczyk (Mathematics)
POSTER 69B:
"Geometric Properties of a Parabolic Cylinder" by Susanne Uribe.
Mentor: Jennifer Clinkenbeard (Mathematics)

POSTER 70A:
"Group Actions and Musical Scales" by Paul Estrada, James Allen, Michael McCann, David Lieberman.
Mentor: Jesse Elliott (Mathematics)

POSTER 70B:
"Space Ball Surface" by Suzanne Paroski.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 71A:
"Climate Change and Sea Ice Melting" by Tracie Schneider.
Mentor: Anna Tivy (Mathematics)

POSTER 71B:
"A closer look at the Macomb County political party swing" by Tiffany Jenkins, Haley Pena.
Mentor: Cynthia Flores, Selenne Banuelos (Mathematics)

POSTER 72A:
"The Horn Blower Surface" by Vincent Ferguson.
Mentor: Ivona Grzegorczyk (Mathematics)

POSTER 72B:
"Infinite Pipe Dreams: Properties of the Zariski-closure of a 3-ellipse with two non-intersecting lines and a point as foci" by Vickie Chen.
Mentor: Ivona Grzegorczyk (Mathematics)

**Nursing**

POSTER 73A:
"Nature healing Los Angeles, the second largest urbanized area in the United States" by Alyson Del Poso.
Mentor: Charlene Niemi, Karen Jensen (Nursing)

POSTER 73B:
"Does mild therapeutic hypothermia (MTH) limit neurological injury and improve survival after cardiac arrest?" by Alexia Bronaugh, Kendyl Egizi, Michael Haslam, Edwin Rios, Summer Latif.
Mentor: Jacqueline Sherman (Nursing)

POSTER 74A:
"Can exclusive breastfeeding, for up to 6 months, help reduce the risk of asthma in children?" by Amani Baidwan, Alyssa Alvarado, Kenyn Castaneda, Jessica Dorthalina, Genesys Paraja.
Mentor: Jacqueline Sherman (Nursing)

POSTER 74B:
"Vitamin D deficiency and Alzheimer's Disease" by Amanda Garcia, Hollie McKiel, Morgan Dalcerri.
Mentor: Carol Mack (Nursing)

POSTER 75A:
"Does the lack of breastfeeding in the first year of life correlate to postpartum depression in adult women ages 25-35?" by Anna Bates, Alex Gelinas, Audrey Guila, khaya Mckeever-Odom, Casey Salinas.
Mentor: Jacqueline Sherman (Nursing)

POSTER 75B:
"In the population of drug users, are nurse led needle exchange programs effective in preventing bloodborne infections?" by Christina Caranica, Genevieve Cragoe, Brianna Hanzmann, Ansley Knipper, Christine Martinez, Hanna Persin.
Mentor: Jacqueline Sherman (Nursing)

POSTER 76A:
"Be Healthy Be Active Community Workshop" by Brenda Valencia.
Mentor: La Sonya Davis-Smith (Nursing)

POSTER 76B:
"Preventing Ventilator-Associated Pneumonia" by India Craig, Jasmine Montes De Oca.
Mentor: Carol Mack (Nursing)

POSTER 77A:
"Factors Affecting Long-term Exclusive Breastfeeding of at Least Six Months" by Jenna Escobedo, Jeniffer Rosenow, Hilda Skvagerson.
Mentor: Carol Mack (Nursing)

POSTER 77B:
"Critical Literature Review Of Respite Care Use By Informal Caregivers: Benefits and Barriers" by Jonathan Reynolds, Adrianne Crawford.
Mentor: Carol Mack (Nursing)

POSTER 78A:
"The Effects of Fecal Microbiota Transplantation in Patients with Recurring Clostridium Difficile Infections" by Julia Beccia, Kimberly Domingos.
Mentor: Carol Mack (Nursing)

POSTER 78B:
"The Effects of Marijuana on Parkinson's Disease" by Keira Jacobs.
Mentor: Carol Mack (Nursing)

POSTER 79A:
"Does Kangaroo Care improve mothers’ emotional health, breastfeeding, neonatal thermoregulation, and reduce hospital stay?" by Lisa Agor, Jamaica Amurao, Hannah Kaya, Yesenia Nunez, Jose Perez.
Mentor: Jacqueline Sherman (Nursing)

POSTER 79B:
"What is the effectiveness of implementing an employee wellness program within a hospital"
system on nurses’ dietary and exercise habits?” by Kenneth Dadacay, Jon-Bert Dones, Claire Gillette, Alysha Payne, Megan Scherber.
Mentor: Jacqueline Sherman (Nursing)

POSTER 80A:
"Let's Talk About Sex: The Successes and Downfalls of Sexual and Reproductive Health Education in the United States" by Nikita Bhakta, Ashley Rafael.
Mentor: Carol Mack (Nursing)

POSTER 80B:
"Does delayed cord clamping have beneficial health effects on jaundice, anemia, and neurodevelopment in the full term infant versus early cord clamping?” by Megan Mixer, Kaitlyn Hitch, Jennifer Mallen, Jessica Ostrowski, Elizabeth Mostert.
Mentor: Jacqueline Sherman (Nursing)

POSTER 81A:
"Tourniquets: To Use or Not to Use? An Extensive Literature Review Examining Tourniquet Use in Military and Civilian Populations" by Robert Uichanco, Jason Aalberts, Bryahn Shank.
Mentor: Carol Mack (Nursing)

POSTER 81B:
"Service Learning in Higher Education" by Natalie Titcomb, Barbara Christianson.
Mentor: La Sonya Davis-Smith (Nursing)

POSTER 82A:
"Do Birth Plans Promote a Positive Birth Experience?” by Taylor Scott, Lisa Nordella.
Mentor: Carol Mack (Nursing)

POSTER 82B:
"Maternal Influence of Neonatal Microbiome Acquisition" by Sarintha Bell, Emily Bryant.
Mentor: Carol Mack (Nursing)

Psychology

POSTER 47A:
"Social Network Analysis of In-group Biases Within Engineering Project Teams" by Nitzan Navick.
Mentor: Megan Kenny-Feister (Psychology)

POSTER 47B:
"Assessing Neurocognition and Psychosocial Adjustment of Schizotypal Personality Traits in University Students" by Edgar Jimenez, Edgar Jimenez, Natalie Rodriguez, Dominique DelValle, Tracy Overly.
Mentor: Kimmy Kee-Rose (Psychology)

POSTER 48A:
Mentor: Kimmy Kee Rose, HyeSun Lee (Psychology)
POSTER 48B:
"Why Are We An Obese Nation? A Study of Gender Differences" by Jane Han, Vanessa Popoca, Gabriela Magana.
Mentor: Kimmy Kee Rose, HyeSun Lee (Psychology)

POSTER 49A:
Mentor: Kimmy Kee Rose, HyeSun Lee (Psychology)

POSTER 49B:
"Multitasking Performance Influenced by Logic Strategy and Fluid Intelligence" by Samantha Harper, Isabella Boyadjian, Kristine Duff.
Mentor: Susan Beers (Psychology)

POSTER 50A:
"Vagal tone as a predictor of empathy: Does our physiology determine our willingness to help?" by Jasmin Humble, Brittnie A. Ferguson, Carrick Cheevers, Jennifer Munoz, Caylin M. Rosenthal.
Mentor: Beatrice M. de Oca (Psychology)

POSTER 50B:
"A Dangerous fame: The role of positive and negative fame in managing concerns about death" by Anabel Ontiveros, Erin Soebbbing, Brandy Linares, Trent Pugmire, Zenaida Flores.
Mentor: Melisa Soenke (Psychology)

Sociology

POSTER 31B:
"An Exploratory Study of Ventura County’s New and Emerging Latino Neighborhoods" by Tatiana Magana Garza, Ericka Magana Mendez.
Mentor: Luis Sanchez (Sociology)

Spanish

POSTER 46A:
"Opening Doors: A Sociopolitical Study About Pre-revolutionary Cuba Through the Lens of film, Literature and Theatre" by Andrew Groom.
Mentor: Stephen Clark (Spanish)
Map of Poster Locations

Posters are displayed on two-sided whiteboards (purple rectangles) and one-sided easels with foam core board (green rectangles). Poster numbers represent poster locations. A letter A denotes a presentation in the first session. A letter B denotes a presentation in the second session. Exhibits (red rectangles) are in the Grand Salon atrium and will be on display during both sessions. Posters are grouped by discipline, and those groupings are indicated by colorful rectangles in the following diagrams.