

POSTER SESSION I
10:45am – 12:00pm

Ballona Wetlands ~ Ecology ~ Political Science ~ Finance

<u>Poster #</u>	<u>Student Presenter</u>	<u>Project Title</u>	<u>Faculty Mentor</u>
1	Jessica Lum <i>Biology</i> Jamie Yeung <i>Biochemistry</i>	Using a transgenic <i>Arabidopsis thaliana</i> reversion assay to study heavy metal levels and heavy metal 'hot spots' in Ballona Wetland	Gary Kuleck <i>Biology</i>
2	Shannon Carbajal <i>Biology</i> Kevin Jimenez <i>Biology</i>	Ecological Implications of Tooth Wear in Pleistocene Carnivores	Wendy Binder <i>Biology</i>
3	Daryle Hinton-Hardin, LaRie Burgoyne, Gianna Ramos <i>Biology</i> Mackenzie Shribbs <i>Applied Mathematics</i>	Fluctuating asymmetry as an indicator of stress for coastal wetland plants and animals	Wendy Binder & Philippa Drennan <i>Biology</i>
4	Anh Nguyen <i>Civil Engineering</i>	Freely Dissolved Concentrations of Selected PCBs, PAHs, and Chlorinated Pesticides in Ballona Wetland and Creek	Rachel Adams <i>Civil Engineering and Environmental Science</i>
5	Tiffany Mock <i>Biology</i>	Heavy Metals Content and Asymmetry as an Indicator of Health in the Ballona Wetland	Wendy Binder <i>Biology</i>
6	Sarah Fukui, Vivian Vallin <i>Biology</i>	Biomagnification of Wetland Contaminants in Garden Spiders	Martin Ramirez <i>Biology</i>
7	Kara Taylor <i>Biology</i>	Characterizing Soil Bacterial Diversity in the Ballona Wetland	Kam Dahlquist & Carl Urbinati <i>Biology</i>
8	Shannon Carbajal, Christine Fujinaka, Tiffany Mock <i>Biology</i>	Comparing Arthropods in a Natural Habitat vs. Man-Made Habitat	Victor Carmona <i>Biology</i>
9	Lynda Villagomez <i>Biology</i>	Construction of Molecular Pathways Responsible for Gene Regulation and Adaptation to Heavy Metals in <i>Arabidopsis thaliana</i> and <i>Rafanus sativus</i>	Gary Kuleck <i>Biology</i>

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10	Molly Bogeberg <i>Biology</i>	Establishing <i>Salicornia virginica</i> as a bio-monitor of heavy metals in the Ballona Wetlands	Philippa Drennan <i>Biology</i>
11	Kristine Tulio <i>Psychology,</i> <i>Pre-Med</i>	Ethylene, Temperature, and Light Effects on the Germination of the Sand Verbena, <i>Abronia Maritima</i> S. Watson	Philippa Drennan <i>Biology</i>
12	Nathan Carillo <i>Biology</i> Elizabeth Llanes <i>Mathematics</i> Sean Villaflores <i>Biochemistry</i>	Investigating Microbial Diversity in the Rhizosphere Using Molecular Methods	Michelle Lum <i>Biology</i>
13	Victoria Chirikian, Elizabeth Wight <i>Biology</i>	Multiple paternity in the lynx spider <i>Peucetia viridans</i> (Araneae, Oxyopidae)	Martin Ramirez <i>Biology</i>
14	Farah Srichandra <i>Biology</i>	Orb Web Geometry & Heavy Metal Bioaccumulation in Garden Spiders (<i>Argiope</i> sp.)	Ben Fitzpatrick <i>Mathematics</i> Martin Ramirez <i>Biology</i>
15	Patrick Stahl <i>Civil Engineering</i>	The Use of Polyethylene Samplers for the Measurement of Organic Contaminants in Ballona Wetland and Estuary	Rachel Adams <i>Civil Engineering and</i> <i>Environmental Science</i>
16	Justin Hirigoyen <i>Political Science,</i> <i>French</i>	Determining the Outcomes of Separatist Conflicts: A Cross of National Evaluation	Seth Thompson <i>Political Science</i>
17	Natalie Minev <i>Political Science, English</i>	Internal and External Forces: Variation of Political and Civil Rights in 29 Post-Communist Countries	Jodi Finkel <i>Political Science</i>
18	Greta Moseson <i>Political Science</i>	<i>Achieving Peace: An Examination of International Intervention in Civil Wars</i>	Seth Thompson <i>Political Science</i>
20	Amy Guion <i>Natural Science</i>	Creating a New Teaching Tradition	Jose Badenes, S.J. <i>Modern Languages and</i> <i>Literature</i>
21	Daniella Eslamboly <i>Political Science</i>	Democratic Accountability of Foreign Policy in the European Union	Jennifer Ramos <i>Political Science</i>
22	Jessica Espinoza <i>Communication Studies,</i> <i>Political Science</i>	Dismantling the Beast: Feminist Criticism put Terrorist Rhetoric in a Chokehold	Judy Battaglia <i>Communication Studies</i>

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23	Raji Shivshanker <i>Political Science</i>	Foreign Aid Effectiveness to Sub-Saharan Africa	Seth Thompson <i>Political Science</i>
24	Sean Tierney <i>Philosophy</i>	Narrative Identity and the near East	William Fulco, S.J. <i>Classics & Archaeology</i>
25	Bryce Yockey <i>Finance</i>	Playing for Keeps: The Economic Power of Casinos in South East Asia	John Wholihan <i>Management</i>
26	Gena Gammie <i>Political Science</i>	Why Do Some Governments Manage Natural Disasters Better Than Others?	Wayne LeCheminant & Seth Thompson <i>Political Science</i>
27	Jillian Ryan <i>Communication Studies</i>	Ugly in the City: The Creation of Hispanic Female Identity in Ugly Betty	Abhik Roy <i>Communication Studies</i>

POSTER SESSION II

2:30pm – 4:00pm

**Biochemistry ~ Bioinformatics ~ Biology ~ Cancer Research ~ Engineering ~ Genetics
Immunology ~ Nutrition ~ Physics ~ Physiology ~ Psychology**

28	Kevin Aguila, Adrian Rodrigues, Lynda Villagomez <i>Biology</i>	Comparative genomics of a Segment of the D. <i>mojavensis</i> dot chromosome: sequence conservation and synteny with the D. <i>melanogaster</i> dot chromosome	Gary Kuleck <i>Biology</i>
29	Or Simel, Oz Simel <i>Biology</i>	Investigating the Role of Bacterial Type IV Pili in Biofilm Formation and Plant Colonization	Michelle Lum <i>Biology</i>
30	Kyle McCormick <i>Physics</i>	Lacunarity Analysis of Cosmological Large Scale Structure	Jonas Mureika <i>Physics</i>
31	Kenny Rodriguez <i>Biology</i>	Phenotypic and Functional Genomic Analysis of Heat and Cold Stress in Transcription Factor Deletion Strains of <i>Saccharomyces cerevisiae</i>	Kam Dahlquist <i>Biology</i>
32	Janelle Ruiz <i>Biology, Psychology</i>	RIG-I Independent Activation of Innate Immune Response to Hepatitis C Virus	David Owen, Michael Gale, Ph.D. <i>Department of Immunology, University of Washington,</i> Carl Urbinati <i>Biology</i>
33	Anthony Martin <i>Biochemistry</i>	A Novel Assay for Assessing the Ability of Polyglutamine Tracts to Aggregate	David Moffet <i>Chemistry & Biochemistry</i>

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34	Noel Barragan <i>Natural Science, Spanish</i>	Are College Students Meeting the Dietary Reference Intakes for Nutrients Related to Bone Health?	Hawley Almstedt <i>Natural Science</i>
35	Mary Rose Pascua <i>Biology</i>	Assessing the Role of Integrin & Caspase 8 Expression in Neuroblastoma Progression	Dwayne Stupack <i>Biology</i>
36	Anthony Pe'a, Brian Perez <i>Biology</i>	Comparative genomics of a Segment of the D. <i>mojavensis dot</i> chromosome: sequence conservation and synteny with the D. <i>melanogaster dot</i> chromosome	Gary Kuleck <i>Biology</i>
37	Jacqueline Canepa <i>Natural Science</i>	Comparison of Genders and Bone Accrual in High Intensity Resistance Training	Todd Shoepe & Hawley Almstedt & David Ramirez <i>Natural Science</i>
38	Kimberly Horwood, Thibaut Snollaerts <i>Biochemistry</i>	Construction and Characterization of a De Novo Designed Library of TIM-Barrel Proteins	David Moffet <i>Chemistry & Biochemistry</i>
39	David Kohler <i>Natural Science</i>	Effects of Resistance Training Using Elastic Bands in Combination with Free Weights on Peak Knee Extensor Torque at Various Speeds	Todd Shoepe & David Ramirez & Hawley Almstedt <i>Natural Science</i>
40	Alexandrea Alphonso, Chad Villaflores <i>Biology</i> Derek Smith <i>Computer Science</i>	Extending XMLPipeDB to Create GenMAPP-compatible Gene Databases for Plants and Microorganisms for the Analysis of DNA Microarray Data	John Dionisio <i>Electrical Engineering and Computer Science</i> Kam Dahlquist <i>Biology</i>
41	Paris Amy, Brandon Sorbom <i>Electrical Engineering</i> Alex Trevelyan <i>Engineering Physics</i>	Fingerprinting Space Storms Using Dynamic Wave Power Spectra	Jeff Sanny, David Berube <i>Physics</i>
42	Honda Reid <i>Biology</i> Theodore Nguyen <i>Chemistry</i> Marlon Maducdoc, Nina Semnani, Jessica Vargas <i>Biochemistry</i>	Green Chemistry: Synthesis of Bridged Ketones to Study Photochemical Decarbonylation Reaction	Tina Choe, <i>Chemistry & Biochemistry</i>

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43	Ankita Patel, Joseph Russell <i>Biology</i>	Green Males, Green Gonads: Assessing Stem Cell Populations Expressing Green Fluorescent Protein through Progeny Testing and Histological Examination in the Male Germ Line of <i>Drosophila melanogaster</i>	Catharine McElwain <i>Biology</i>
44	Abigail Fall <i>Communication Studies</i> Elyse Paterson <i>Biochemistry</i>	Guanine derivatives as precursors for G-Quadruplex	Jeremy McCallum <i>Chemistry & Biochemistry</i>
45	Daniel Georgie, Eleta Shiferraw <i>Biochemistry</i>	Screening of Biological and Synthetic Compounds for the Discovery of Substances that Prevent A β 42 Amyloid Formation	David Moffet <i>Chemistry & Biochemistry</i>
46	Chris DalChele, Matthew Cheney, Daniel Harwood <i>Biochemistry</i>	Screening to Determine the Aggregation Prone Regions of the Type II Diabetes Protein Islet Amyloid Pylpeptide	David Moffet <i>Chemistry & Biochemistry</i>
47	Kelsi Busch, Jocelyn Dinh <i>Biology</i>	The Generation of Insertion mutants in <i>Burkholderia sp.</i> PVA5 to characterize their nitrogen-fixing association with the non-nodulating legume, <i>Gleditsia triacanthos</i>	Gary Kuleck Michelle Lum <i>Biology</i>
48	Kylee Chang <i>Environmental Science</i> Andrew Hirning <i>Biochemistry, Chemistry</i>	The Influence of Sampling Protocol on Los Angeles Hydrocarbon Concentrations and Ratios	Lambert Doezema <i>Chemistry & Biochemistry</i>
49	Unique Cramer <i>Psychology</i>	The Impact of a Gang Diversion Team on Young Gang Members	Gail Buck <i>Dir. Of Office of Black Student Services</i> Carl Sneed <i>Communication Studies</i>
50	Yolanda Mejia <i>Psychology, Spanish</i>	Word Order in Wh-Questions in English and Spanish as Second Languages	Monica Cabrera <i>Modern Languages and Literature</i>
51	Meagan Beasley <i>Psychology</i>	Choice Theory: The Cognitive, Moral and Socioemotional Impact on Children	Michelle Anderson <i>Psychology</i>
52	Allison McFarland <i>Psychology</i> Priscilla Munoz <i>Psychology, Political Science</i>	Early Literacy Skills for Kindergarteners: Relations to Behavior and Attention	Judith Foy <i>Psychology</i>

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53	Clementina Avalos <i>Psychology, Spanish</i>	Intimate relationships in the 3-D internet: Communication, Satisfaction, and Comparisons to Real Life Relationships	Richard Gilbert <i>Psychology</i>
54	Clementina Avalos, Kimberly Clark, Monique Gonzalez <i>Psychology</i>	Personality as a predictor of cognitive and emotional responses to relationship events	Maire Ford <i>Psychology</i>
55	Clementina Avalos Suzanna Banda Maira Barba <i>Psychology, Spanish</i>	The Role of Bilingualism in Early Reading Abilities	Judith Foy <i>Psychology</i>
56	Talisa McNally <i>Psychology</i>	Addiction to the 3-D internet: Investigating Addiction to the Virtual World of Second Life	Richard Gilbert <i>Psychology</i>
57	Oscar Herrera <i>Electrical Engineering</i>	Peripheral Devices: Adding imaging and GPS functionality to the existing eco PDA application	Wes Vehara <i>CENS UCLA</i>