

Posters and Exhibits

Wednesday, March 18, 2015

Corbett Center 1st floor, Aggie Lounge, 11am - 1pm

Poster Number	Name	Title	School	Department
29	Marcelo Araya-Salas & Alejandro Rico-Guevara	Bills as daggers? A test for sexually dimorphic weapons in a lekking hummingbird	NMSU	Biology
28	Kenza Arraki	Comparing the properties of satellite and isolated dwarf galaxies	NMSU	Astronomy
55	Antonio R. Arrendondo, Enrico Pontelli, & David DuBois	An Ontology for Ambient Intelligent Wireless Sensor Networks	NMSU	Computer Science
41	Derek Wayne Barchenger, Li Jiang, & Paul W. Bosland	Autopathic Effect of Capsaicin (8-methyl-N-vanillyl-6-nonenamide) on Capsicum annuum L. Seed Germination	NMSU	Plant & Environmental Science
34	Rachelle Bassen	Imaging the Xenopus laevis sciatic nerve	NMSU	Biology
56	Edward Berndt	The general solution of class 6 piezoelectric materials	NMSU	Mechanical Engineering
18	Sara Blahut	Examination of Clavicle Variation within the NMSU Skeletal Collection	NMSU	Anthropology
11	Ramaninder K. Brar	Effect of X-rays of different wavelengths on the mortality of insects	NMSU	Physics
4	Lucia Bernardette Chacon Diaz, Dr. Prentice Baptiste, Dr. Cecilia Hernandez, & Dr. Antonio Lara	College freshmen students experience higher self-efficacy beliefs in an inquiry-based laboratory than their peers in a traditional chemistry laboratory	NMSU	Curriculum & Instruction
5	Hsiu-Lan Cheng, Jamey Leeanne Rislin, Xuan Nguyen, Charlotte Williams, Chu Hui Cha, Brittany Stamper, Rich Zamora, Guo Apple Liu, & Jill Peters	Perceived Discrimination, Acculturative Stress, and Depressive Symptoms in Mexican Americans: Familism and Ethnic Identity as Moderators	NMSU	Counseling & Educational Psychology
17	Erin Coward	Cranial Deformation in Romania	NMSU	Anthropology

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Poster Number	Name	Title	School	Department
19	Erica Ruth Davis, Brenda R. Benefit, & Monte L. McCrossin	Incisor variation at middle Miocene Maboko indicates the possible presence of at least two small-bodied ape species	NMSU	Anthropology
23	Ethan Dederick	Jovian Interiors from Velocimetry Experiment	NMSU	Astronomy
39	Jose M. Diaz, Alen Torell, & Andres Cibils	The Economics of Raramuri Criollo Versus British Crossbred Cattle Production In The Chihuahuan Desert	NMSU	Range Sciences
58	Carlos Escobar, German Reyes, & Dr. Hansuk Sohn	Decision Support System for Emergency Medical Service	NMSU	Industrial Engineering
43	Alison Flores, Manoj Shukla, Geno Picchioni, Brian Schutte, April Ulery, & David Daniel	Saline Reverse Osmosis Wastewater Effects on Halophyte Species	NMSU	Plant & Environmental Science
51	Chris Frydenlund	Cellular, Molecular and Biochemical Characterization of a Novel Fluorescent Estrogen.	NMSU	Chemistry
35	James Christopher Fulton & Mark E. Uchanski	Chile Pepper Stip: A Physiological Disorder of the Desert Southwest	NMSU	Plant & Environmental Sciences
37	Sudip Gaire & Alvaro Romero	Toxicity of essential oil components in the Turkestan cockroach, <i>Blatta lateralis</i> (Blattodea: Blattidae)	NMSU	Entomology, Plant Pathology & Weed Science
48	Kristina Kay Gonzales, Hitoshi Tsujimoto, & Immo A. Hansen	A blood free diet to sustain the Dengue vector, <i>Aedes aegypti</i> colonies	NMSU	Biology
2	Mario Gutierrez Casale, Janeth Sanchez, & Erin Beeman	Cultural adaptation of the Inflatable Colon to promote colorectal cancer screening among Hispanics	NMSU	Public Health & Science
1	Lydia E. Hammond & Uziel Marte	Efficacy of newspaper endorsements in local elections: A case study in New Mexico	NMSU	Government
52	Melody Handali & Dr. Erik Yukl	Identification and Characterization of a Zn-specific ABC Transporter Substrate Binding Protein from <i>Paracoccus denitrificans</i>	NMSU	Chemistry & Biochemistry
9	Michael Hayden	Chemical Cartography of the Milky Way with SDSS-III/APOGEE	NMSU	Astronomy
44	Triston Hooks, Geno Picchioni, Brian Schutte, David Daniel, & Jamshid Ashigh	Salinity Responses of Three Invasive <i>Lepidium</i> Species	NMSU	Plant & Environmental Sciences

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49	Gizelle Hurtado & Dr. Karen Mabry	Urban development may impact endoparasite prevalence in Merriam's kangaroo rat	NMSU	Biology
8	Amal Hasan Ibrahim	Summer camp and social skills for children with autism	NMSU	Special Educational Psychology
46	Manasi Jogalekar & Elba E. Serrano	TEM And Fluorescence Imaging Of Human Breast Cancer Cell Cultures	NMSU	Molecular Biology
33	Virginia Bleu Knight, Kevin P. Hemphill, & Elba E. Serrano	Differential Expression Analysis of A6 Cells and Tissue of Origin, the <i>Xenopus</i> Kidney	NMSU	Biology
42	Kelly Laje, Barry Dungan, Mark Seger, Jeurgen Polle, & F. Omar Holguin	Selecting for Phytoene in Carotenoidgenic Microalgae strains <i>Chlorococum sp.</i> and <i>Coelsatrum sp.</i> While Treating with Fluridone and Norflurazon	NMSU	Plant & Environmental Sciences
36	Subhankar Mandal & Christopher S. Cramer	Selection Progress for Fusarium Basal Rot Resistance in Onions	NMSU	Plant & Environmental Sciences
10	Gavin Mathes	The search for Supermassive Black Hole Binary Candidates	NMSU	Astronomy
24	Laura Mayorga	Modelling Phase Curves and Occultations in KOI Light Curve	NMSU	Astronomy
6	Bianca Abigail Meyer & Adam Amador	Mapping Educational Opportunity and Reform Policy in the Borderlands: LatCrit Spatial Analysis and Grade Retention	NMSU	Educational Leadership & Administration
59	Alireza Mohjimi & Dr. Hansuk Sohn	An observational before-after study of the City of Las Cruces STOP program	NMSU	Industrial Engineering
50	Erika Yvonne Monroy & Dr. William Maio	Synthetic Approach Towards Calcaripeptide A-C	NMSU	Chemistry & Biochemistry
15	Kate Moore	National Register of Historic Places Nomination of the Tortugas Pilgrimage	NMSU	Anthropology
53	Roma Mukhopadhyay & Dr. Erik T. Yukl	Nitric oxide signaling through bacterial heme proteins and histidine kinases	NMSU	Biochemistry
47	Younji Nam	Neprilysin1 plays a important role in eye development	NMSU	Biology
31	Amy Rebecca Nava & Dr. Michele K. Nishiguchi	The exopolysacharride tyrosine kinase (etk) is responsible for regulating symbiosis in the sepiolid squid-Vibrio fischeri mutualism	NMSU	Biology

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26	Nikole Nielsen	Characterizing the MgII Circumgalactic Medium Using MAGIICAT Galaxies	NMSU	Astronomy
32	Matthew Pinch, Robert Güth, Manoj Samanta, & Graciela A. Unguez	Bioinformatics Analysis of a Brown Adipose Gene Expression Network in the Myogenically-Derived Electric Organ of the Electric Fish, <i>Sternopygus macrurus</i>	NMSU	Biology
38	Kelsey E. Quinn & Ryan Ashley	Establishing the Connection: Fetal-Maternal Communication in Early Pregnancy	NMSU	Animal & Range Science
7	Roshani Rajbanshi	SEMAAAAn Afterschool Program and Its Effects	NMSU	Curriculum & Instruction
12	Nishath Rajiv Ranasinghe, Andrea Gallegos, James Ni, & Thomas Hearn	Frequency dependent Lg attenuation in Northeast China and Korean Peninsula	NMSU	Physics
25	Meredith Rawls	The Double Red Giant Binary With Odd Oscillations	NMSU	Astronomy
27	Teresa Ross	Metallicity Distribution Functions for Four Local Group Dwarf Galaxies	NMSU	Astronomy
22	Yogesh Raut & David Trafimow	Experiential vs Deliberative Judgments: When Does Mere Difference Lead to Derogation?	NMSU	Psychology
16	Sunnie Sartin, Winona Patterson, Kristen Coral, & Todd Scarbrough	Twin Pines Village: Looking Beyond the Mimbres Valley	NMSU	Anthropology
20	Collin Scarinice & Michael C. Hout	I Won (as far as I remember). Broad Implications of the Incongruity Effect	NMSU	Psychology
40	Sudhir Singla	Diverse Guar Genotypes Performance under different Planting Dates in New Mexico	NMSU	Plant & Environmental Sciences
30	Grace Smith Vidaurre	Identifying genomic evidence of selection in a pesky beast: the invasive monk parakeet <i>Myiopsitta monachus</i>	NMSU	Biology
3	Karoline Nicole Sondgeroth, Santiago Morales, M.Ed, Rebecca Palacios, PhD, Joe Tomaka, PhD, & Gigi Shamaley, PhD	College Students' Body Perceptions and Their Relation to Lifestyle Behaviors	NMSU	Public Health Sciences

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14	Kathryn Stroud	Sexuality Norms for Non-Normative Genders	NMSU	Sociology
61	Brendan P. Sullivan	An Iterative Approach to New Product Development	NMSU	Industrial Engineering
45	Ali Vaziri-Gohar & Kevin D. Houston	Tamoxifen-induced IGF1P-1 expression requires GPER and is dysregulated in chemoresistant breast cancer cells	NMSU	Molecular Biology
21	Baoyu Wang	The Effect of Imagined Social Contact on Chinese Students' Perceptions of Japanese People	NMSU	Psychology
60	Justin Winans, Andre Guerrero, & Dr. Alla Kammerdiner	An Experiment to Study the Risk of Falling with a Wearable Device	NMSU	Industrial Engineering
54	Litao Yan	TiO ₂ conformal coating on carbon nanotubes as lithium-ion battery anode	NMSU	Chemical Engineering
57	Yuzhe Yan & German Reyes	Optimal Water Releasing Policy for Sustainable Reservoir Operation	NMSU	Industrial Engineering
13	Yuliana Zaikman & Michael J. Marks	Hot, Nice and Slutty: Can Physical Appearance and Personality Influence the Sexual Double Standard?	NMSU	Psychology