

## Posters and Exhibits: Tentative Schedule

### Monday, March 11, 2013

Corbett Center 3<sup>rd</sup> floor, East Ballroom, 8am - 12pm

Poster Number	Name	Title	School	Department
1	Nazar A. Al-Ibraheemi	Adaptable Cover Crops for the Southwest Cropping Systems	NMSU	Plant and Environmental Sciences
2	Faisal Alturkistany	Developing FRET partners for fluorescence lifetime measurements in cytometry	NMSU	Molecular Biology
3	Rebecca Britt Armenta	Understanding the nature and sources of dust storms in the Four Corners Region during the period 2000-2012 by using surface based observations and satellite data	NMSU	Plant and Environmental Sciences
4	Ma. Gina M. Babb, Christopher Pierce, & Ian Ray	Marker-Assisted Selection (MAS) to Improve Alfalfa ( <i>Medicago sativa</i> L.) Drought Tolerance	NMSU	Plant and Environmental Sciences
5	Suman Bagga, Jose Luis Ortega, Wathsala Rajapakse, & Champa Sengupta-Gopalan	Development of Glyphosate Resistant Chile by Expressing a Mutated Chile EPSPS Gene	NMSU	Plant and Environmental Sciences
6	Brian L. Barrick	Salt Responses of Four Cotton Genotypes Grown in Two Soils	NMSU	Plant and Environmental Sciences
7	Hannah E. Drumm, Immo A. Hansen, & David P. Price	Gene Expression in the Diuretic Organ of the Yellow Fever Mosquito	NMSU	Molecular Biology
8	Matthew J. Gould	Estimating American black bear ( <i>Ursus americanus</i> ) abundance and density in New Mexico using noninvasive genetic analysis.	NMSU	Biology
9	David I. Hernandez-Quezada	Microbial biodiversity transmitted within seeds of the plant genus <i>Leucaena</i> (Fabaceae)	NMSU	Biology
10	Jinjin Jiang	The use of Paraquat in study of stress defense capacity in mosquitoes	NMSU	Biology
11	James Kilcrease	Chile Carotenoids: The Link Between Color, Inheritance and Sub-Cellular Morphology	NMSU	Plant and Environmental Sciences
12	Mohsen Mohseni Moghadam	Growth and Competitive Ability of Glyphosate-Resistant Palmer amaranth ( <i>Amaranthus palmeri</i> ) Populations from New Mexico as Compared to Susceptible Populations	NMSU	Plant and Environmental Sciences

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Poster Number	Name	Title	School	Department
13	Sayed Gebrill Mohmed, Jose Ortega, Champa Sengupta- Gopalan, & Jules Tabilona	The role of sucrose phosphate synthase in the seeds and nodules of pea ( <i>Pisum sativum</i> )	NMSU	Plant and Environmental Sciences
14	Brenda C. Nieto	Fine Root Production and Belowground Soil Processes Across a Dryland Ecotone	NMSU	Biology
15	Mohammed F. Nasir Omer	Preliminary Study of Green Manure Legumes Suitable for the Southwest	NMSU	Plant and Environmental Sciences
16	Yahia Othman & Rolston St. Hilaire	Remotely-Sensed Reflectance Data Reveal Moisture Status of Southern New Mexico Pecan Orchards	NMSU	Plant and Environmental Sciences
17	Karla A. Salazar	Serine Proteases Analysis in the Immunity of the Symbiotic Hawaiian Bobtail Squid <i>Euprymna scolopes</i>	NMSU	Biology
18	Nicholas Santantonio	Genetic Mapping of Carbon Isotope Discrimination in Drought-stressed Alfalfa ( <i>Medicago sativa</i> L.)	NMSU	Plant and Environmental Sciences
19	Joshua Sherman	Relationship of manganese nutrition to photosynthesis in pecan	NMSU	Plant and Environmental Sciences
20	Narinder Singh & Christopher S. Cramer	Progress for reduced Iris Yellow Spot disease symptom expression in onions	NMSU	Plant and Environmental Sciences
21	Sukhbir Singh, K. Grover, S.B. Begna and S.V. Angadi	Response of Spring Safflower Genotypes to water Stress in semi-arid New Mexico	NMSU	Plant and Environmental Sciences
22	Elizabeth Arleen Smtih	Climatic Controls on a Municipal Dust Control	NMSU	Plant and Environmental Sciences
23	Veena Unnithan	Recovery and persistence of MS2 virus spiked to <i>Nannochloropsis salina</i> grown in wastewater	NMSU	Biology

## Posters and Exhibits: Tentative Schedule Tuesday, March 12, 2013

Corbett Center 3<sup>rd</sup> floor, East Ballroom, 8am - 12pm

Poster Number	Name	Title	School	Department
24	Deepak Basyal	A Historical Look at the Hundred Fowls Problem	NMSU	Mathematics
25	Malynda Chizek	GCM Investigation of Martian Methane Observations	NMSU	Astronomy
26	Diane Feuillet	Optical High Resolution Spectra of APOGEE Stars	NMSU	Astronomy
27	Andrea Christina Gallegos	Lg Attenuation in the Central and Eastern United States Revealed by the EarthScope Transportable Array	NMSU	Physics
28	Andrea Gallegos & Nishath Rajiv Ranasinghe	Lg Geometrical Spreading	NMSU	Physics
29	Sean Gaynor	The Burro Mountain plutonic complex: Evaluating Emplacement Mechanisms of a 1.4 Ga A-Type Granitoid Pluton in southwest New Mexico	NMSU	Geological Sciences
30	Michael Hayden	Milky Way Abundance Gradients from SDSS-III/APOGEE	NMSU	Astronomy
31	Leila Karimi	Selectivity Studies in the Desalination Process Using Electrodialysis	NMSU	Chemical Engineering
32	Dennis C. McCarville	Using Remote Sensing to Map Saltcedar ( <i>Tamarix spp.</i> ) in the Bosque del Apache National Wildlife Refuge	NMSU	Civil Engineering
33	Jean McKeever	Variable Red Supergiants: Solar-like Oscillations at Ultra-low Frequencies?	NMSU	Astronomy
34	Anita L. Mihecoby	Indigenous Ways of Knowing Group Counseling	NMSU	Counseling & Educational Psychology
35	Salvador Dennito Munoz	Reactivity Explorations of New Iron Tris(carbene)borate Complexes	NMSU	Chemistry
36	Tapaswy Muppaneni	Transesterification of Camelina, Palm and Waste Cooking Oils Using Supercritical Ethanol with Hexane as a Cosolvent: A Comparative Study	NMSU	Chemical Engineering
37	Tapaswy Muppaneni, Sundaravadi-velnathan Ponnusamy, & Harvind K. Reddy	Adsorption equilibrium and kinetics for arsenic removal using aluminum based adsorbents	NMSU	Chemical Engineering
38	Rakesh Nath	H $\alpha$ Observation at the UND Observatory	NMSU	Astronomy

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Poster Number	Name	Title	School	Department
39	Sri Harsh Pakala & Dr. Paul Furth	A 22dB PSRR Enhancement in a Two-Stage CMOS Opamp Using Tail Compensation	NMSU	Electrical & Computer Engineering
40	Anna Paradox	Straw into Gold: A Look at the Economics of Straw Mini-Bale Insulation	NMSU	AEEC
41	Javier Perez-Ramirez	Optimized Laser Beam Parameters for Communications in Space Environments in the Presence of Pointing Errors	NMSU	Electrical & Computer Engineering
42	Meredith Rawls	Red Giants in Eclipsing Binaries: First Look at <i>Kepler</i> Light Curves	NMSU	Astronomy
43	Robert Sabie	Participatory mapping and environmental justice within the Navajo Nation	NMSU	Geography
44	Jesus Salvador Sambrano, Jr.	Developing a high-sensitivity time-resolved flow cytometer	NMSU	Chemical Engineering
45	John William Schutte	Chemical Recycling of Plastic Solid Waste for the Production of Transportation Fuels	NMSU	Chemical Engineering
46	Nilusha Maduwanthi Sudasinghe	Compositional Description of <i>Nannochloropsis salina</i> Hydrothermal Liquefaction Products and Water Soluble Compounds by Direct Infusion FT-ICR Mass Spectrometry	NMSU	Chemistry
47	Ben Wright, Ferdinando Fioretto, Gholamali Rhanavard, Ping Hou, Khoi Nguyen, Reza Tourani, & Tiep Le	Cross-Research Collaboration towards Machine Learning	NMSU	Computer Science
48	Cat Wu	The Mystery of Spiral Galaxies: Ionized Gas Velocities from Multi-Slit Spectroscopy for Nearby, Edge-on Galaxies	NMSU	Astronomy

## Posters and Exhibits: Tentative Schedule Wednesday, March 13, 2013

Corbett Center 3<sup>rd</sup> floor, East Ballroom, 8am - 12pm

Poster Number	Name	Title	School	Department
49	Kaisa Baker, Brittany Martinez, & Jennifer Stokes	Using Social Media as a Recruiting Tool for Research Participants	NMSU	Special Education and Communication Disorders
50	Teresa Bringas & Gracie Pargas	The Junta Model: Training Vocational Spanish-language in Monolingual/ Bilingual Graduate Students	NMSU	Special Education and Communication Disorders
51	Randa G. Burks-Keeley	Student Perceptions of Co-teaching Models	NMSU	Special Education and Communication Disorders
52	Randa G. Burks-Keeley	Kinesthetic Literacy Intervention- Literacy Through Movement	NMSU	Special Education and Communication Disorders
53	Sengdhuan Defibaugh- Chavez & Swati Somuri	Do Religious Commitment and Behavioral Motivational Tendencies Mediate Differences in Risk Behavior Engagement among Different Racial/Ethnic Groups?	NMSU	Public Health Sciences
54	Andrea Einck	Petrographic Analysis of Historic Brownwares at a 19th Century Military Fort: Results and Implications	NMSU	Anthropology
55	Cathaleen Marie Ford	Women's Influence on the Arab Spring: Prospects for the Future	NMSU	Government
56	Daniel Gambacorta	Strategic deference: Dominant competitors inhibit creative display	NMSU	Psychology
57	Kyle Garrison	Influence of livestock grazing on forage biomass, activity budgets and foraging efficiency of desert bighorn sheep ( <i>Ovis canadensis mexicana</i> ) in southern New Mexico	NMSU	Fish, Wildlife, and Conservation Ecology
58	Melissa J. Guynn & Adam G. Underwood	Partial-Match Cues with High-Overlap Improved Prospective Memory during Implied Unexpected Context	NMSU	Psychology
59	Terri Horn	Evaluating the Impact of Implementing a Milling Station in Rural Tanzania	NMSU	Sociology
60	Jessica Jackson	The Relationship Between Racial Microaggressions and Ethnic Identity in Black Young Adults	NMSU	Counseling and Educational Psychology
61	Cindy Kratzke & Candyce Luna	Breast Cancer Prevention for Hispanic and Non-Hispanic Women: Mobile Messages and Implications For Quality Improvement with Clinical Office Collaboration	NMSU	Public Health Sciences

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Poster Number	Name	Title	School	Department
62	Neeshia Macanowicz	Unique desert sinkholes in Roswell, NM and the benthic macroinvertebrate communities	NMSU	Fish, Wildlife, and Conservation Ecology
63	James Weston Pitman	The Junta Model: Training Vocational Spanish-language in Monolingual/ Bilingual Graduate Students	NMSU	Fish, Wildlife, and Conservation Ecology
64	Kelsey Quinn	Alterations in CXCR4 and CXCL12 in ovine placental tissues during early pregnancy: natural breeding and assisted reproductive technologies (ART)	NMSU	Animal and Range Science
65	Jessica Richardson	The Role of Affect and Cognition in Judgments about the Need for Mental Health Treatment and Willingness to Help	NMSU	Psychology
66	Joshua Sandry	Superior visual search accuracy after exposure to natural relative to urban environments.	NMSU	Psychology
67	Jeremy Schwark	Hitting a Miss: Limitations of Signal Detection Theory	NMSU	Psychology
68	Laura Valentino, Beth Renick, Janine Weitzell, & Cindy Kratzke	Caregivers and Stress: Evaluation of Caregiver Stress Websites and Implications for Usability	NMSU	Public Health Sciences