

## Posters and Exhibits

### Monday, March 10, 2014 & Tuesday, March 11, 2014

Corbett Center 3<sup>rd</sup> floor, East Ballroom, 9am - 11am, 2pm-4pm

Poster Number	Name	Title	School	Department
28	Rachelle M. Bassen	Staining for Myelination with Luxol Fast Blue and Neutral Red	NMSU	Biology
19	Erin Brown-Meeks & Erica Davis	Another example of a chimp-like black-handed spider monkey ( <i>Ateles geoffroyi</i> ) "raid" observed at La Milpa, Belize	NMSU	Anthropology
18	Kristin Lea Corl & Angel Pena	Ritual or War: Burning in the Jornada Mogollon	NMSU	Anthropology
47	Kyle DeGrave, Jason Jackiewicz, & Matthias Rempel	Validating Time-Distance Helioseismology With Realistic Quiet Sun Simulations	NMSU	Astronomy
34	Adam Dettmer	Determination of optimal coordination complex for facilitated transport enabled - in-situ chemical oxidation of 1,4-dioxane in groundwater	NMSU	Water Science and Management
41	Carollan Ehn	The Hasse-Weil Theorem and Applications to Elliptic Curve Cryptography	NMSU	Mathematical Sciences
46	Diane Feulliet	Ages of Nearby Giants with APOGEE	NMSU	Astronomy
30	Erek H. Fuchs & James Witcher	Central Palomas Basin Aquifer Investigation	NMSU	Civil Engineering, Water Science and Management
40	Andrea Gallegos	Lg Attenuation in the Central and Eastern United States as Revealed by the EarthScope Transportable Array	NMSU	Physics
29	Robert Gueth	Temperature effects on the electric discharge and gene expression in the electric organ of <i>Eigenmannia virescens</i>	NMSU	Biology
38	Mohammad A. Haque	Item Implementation of low quiescent current low-dropout (LDO) regulator using Split Length Compensation technique with Enhanced Transient Recovery	NMSU	Electrical & Computer Engineering
50	Michael Hayden	Chemical Cartography with APOGEE: Large-scale Mean Metallicity Maps of the Milky Way Disk	NMSU	Astronomy
32	Gizelle Hurtado & Dr. Karen Mabry	Impact of urbanization on kangaroo rat abundance in Las Cruces, NM	NMSU	Biology
9	Laura Ana James	Exploring the psychological impact of the Mexican Drug War in the border Mexican community	NMSU	Counseling & Education Psychology

2014 Graduate Research and Arts Symposium

Poster Number	Name	Title	School	Department
26	Yufeng Jiang, Liu Fang, Hongmei Luo, & Yunfeng Lu	Titanium oxide nanocrystal on carbon 3D-Scaffold for electrochemical energy storage	NMSU	Chemical Engineering
24	Manasi Jogalekar	A three-dimensional culture system for breast cancer cell line HCC70	NMSU	Molecular Biology
31	Dusan Jolovic, Aleksandar Stevanovic, & Cameron Kergaye	A Review of Traffic Management Center Practices for Contemporary Technological and Service Improvements	NMSU	Civil Engineering
3	Christianne Jane Jones, Dr. Linda Spencer, Genevieve Munoz & Stephanie Morales	Spelling as a Window of Phonological Development in Children with Diverse Learning Backgrounds	NMSU	Communication Disorders
5	Seda Karayazi Ozsayin	Teachers Attitudes towards Inclusion in Different Countries: a review of the literature	NMSU	Special Education
6	Randa Keeley	Co-Teaching Model Preferences for Students and Teachers	NMSU	SPED/CD
35	Naima Ansar Khan	combined natural attenuation processes in vadose zone for produced water in oil & gas operations	NMSU	Water Science and Management
11	Mayra Lovas, Mario Gutierrez Casale, & Janeth Sanchez	Using Cancer 101 to increase cancer knowledge among public library staff in Southern New Mexico	NMSU	Public Health Sciences
12	Candyce Luna & Alma Gross	Pediatric Pesticide Exposure: Proximity of Selected Elementary Schools to Agricultural Crops in Doña Ana County, New Mexico	NMSU	Public Health Sciences
4	Eribel Lupercio, Azucena Mayorga, & Teresa Román	Somos Bilingües: The Need for Specialized Training Through the Eyes of Bilingual Graduate Clinicians	NMSU	Communication Disorders
51	Laura Mayorga	Disentangling the Planetary and Stellar Components of Transit Light Curves	NMSU	Astronomy
17	Sarah Ann McCormick, Kayla Hurd & Elizabeth Arnold	An ethnoarchaeological examination of the utility of tool preparation methods for the production and use of bone and antler needles	NMSU	Anthropology
13	Amanda R. Miller	Strengths of the Homeless Population in a Rural Southwest Community	NMSU	Social Work

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27	Alireza Moghimi	An observational before-after study of the of City of Las Cruces camera enforcement program	NMSU	Industrial Engineering
33	Cesar Eber Montelongo	Bioinformatics analysis and gene expression studies of Complement-like factors in <i>Biomphalaria glabrata</i>	NMSU	Biology
7	Stephanie Morales, Genevieve Munoz, & Christianne Jones	Spelling development in four populations: Hard of hearing, ELL, struggling readers and typically developing third grade students	NMSU	Communication Disorders
8	Genevieve Munoz, Dr. Linda Spencer, Dr. Deborah Rhein, Christianne Jones, & Stephanie Morales	Spelling as a Window of Phonological Development in Children With Diverse Learning Backgrounds	NMSU	Communication Disorders
48	Nikole Nielsen	Characterizing the MgII Circumgalactic Medium Using MAGIICAT Galaxies	NMSU	Astronomy
20	Winona J Patterson	Captivating, Sacred Place at Tank Mesa Village in Montezuma Canyon, Utah	NMSU	Anthropology
39	Javier Perez-Ramirez	Anchor-cum-Relay Nodes for Localizing a Mobile Source and Relaying Source Signals	NMSU	Electrical & Computer Engineering
25	Kelsey E. Quinn	CXCL12 Expression Increases in Sheep Uterine and Fetal Tissues during Early Gestation	NMSU	Animal and Range Science
36	Gholamali Rahnavard	Applying Big Data Approaches for Experimental Biological Data Mining: A Case Study	NMSU	Computer Science
10	Jamey L. Rislin, Dr. Ivelisse Torres-Fernandez; Dr. Ralph James Crabbe; Desa Daniel; & Jessica Jackson	The Invisibility Syndrome: Understanding Black Men's Experiences with Contextual-Cultural Discontinuity	NMSU	Counseling & Educational Psychology
42	Aaron Rosenthal, Andrew Garcia, Marcus Wolschlager & Alejandro Castro Jr.	NMSU Power Generating Capacity: Vision and Roadmap for 2050	NMSU	Electrical & Computer Engineering
45	Teresa Ross	Metallicity Distribution Functions of 4 Local Group Dwarf Galaxies	NMSU	Astronomy

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Poster Number	Name	Title	School	Department
15	Liliana Salazar	Colonia Residents' Perceptions of Water Quality in Dona Ana, NM and El Paso, TX	NMSU	Department of Public Health Sciences
1	Claudia Saldaña	Art as a Tool of Communication of Meanings in Children with Disabilities	UTEP	Education
37	Bahar Sayoldin	Applying Data Mining and Bioinformatics Techniques to Analysis Capsicum Species Transcriptome	NMSU	Computer Science
22	Harmandeep Sharma	Partial root zone drying helps conserve water while maintaining chile growth and yield	NMSU	Plant & Environmental Sciences
23	Sukhbir Singh, Sangu Angadi, Sultan Begna & Kulbhushan Grover	Water use depths across root zone of spring safflower in the Southern High Plains	NMSU	Plant & Environmental Sciences
16	Swati Somuri	Weight Management Practices in College Students and Their Underlying Eating Motives	NMSU	Public Health Sciences
43	Ian Sturdevant & Dr. Kwong Ng	Preconditioning and Ionic Current Modeling for Element Free Simulation of Cardiac Propagation	NMSU	Electrical & Computer Engineering
2	Richard Raymond Torres	'Conquering' the World: Differing Discourses in Global English	UTEP	Education
44	Jacob Vander Vliet	Structure and Evolution of a Dwarf Galaxy's Circumgalactic Medium	NMSU	Astronomy
21	Addison Warner	Exploring Chultun Functionalities: An Experimental Assessment of Food Storage in Chultuns at Uaxactun, Guatemala	NMSU	Anthropology
Artwork	Lea Wise-Surguy	Untitled (Agar Box)	NMSU	Art
49	Cat Wu	How to Analyze a Spiral Galaxy	NMSU	Astronomy
14	Yuliana Zaikman	Ambivalent Sexism and the Sexual Double Standard	NMSU	Psychology