

## Posters and Exhibits Tuesday, March 1, 2011

Corbett Center 3<sup>rd</sup> floor, Ballroom, 9am - 12pm

Poster Number	Name	Title	School	Department
1	Susan Tinker Morrison	Standing in the Shadows: A Synthesis of Why Students with LD Hate School	NMSU	SpEd/CD
2	Melissa A. Currie	The Role of Women in Shaping our Built and Natural Environments	Texas Tech	Landscape Architecture
3	Xuan V. Nguyen	The Implications of Acculturation and Gender on Ethnic Identity in International Students	NMSU	Counseling and Educational Psychology
4	R. Danielle Garcia	Constructing Gender and Discrimination: Traditional Roles and Stereotypes Portrayed in Advertising and Media	NMSU	Women's Studies/ Art
5	Charlene Shroulote	Political Feminism: Examining the Representation of Clinton and Palin in the 2008 Election	NMSU	Government
6	Laura Reyes	Reconstruction of Australopithecus Afarensis Sexual Dispersal Demonstrates that Males Were More Closely Related than Females at the "First Family" Site (A.L. 333, Hadar, Ethiopia)	NMSU	Anthropology
7	Irisa Arney	The Utility of Postcranial Elements in Diagnosing Southern African Microfauna	NMSU	Anthropology
8	Amy Franzen	The Women's Intercultural Center: A Feminist Grassroots Organization in the U.S.-Mexico Border Region	NMSU	Anthropology
9	Kristin M. Morehead	Projectile Points at Kipp Ruin, Locus 4	NMSU	Anthropology
10	Rodrigo Rau Mora	A New Exploitation of Undocumented Immigrants	NMSU	Sociology
11	Marieke Jackson	Relationships Between Risky Health Behaviors and Behavioral Motivational Systems in Hispanic College Students	NMSU	Health Sciences
12	Ashley O'Hearn	How Salience of Feminine Pronouns Contribute to Readers' Perceptions of Written Language	NMSU	Psychology
13	Gayle Hunt	Analyzing Sub-Optimal Human-Automation Performance Across Multiple Sessions	NMSU	Psychology
14	Daniel Gambacorta	The Context of Emotion: How Sex, Ethnicity and Culture Affect Emotion Perception	NMSU	Psychology
15	Daniel Hor	Optimizing Toolbar Placement for Response Speed in a Graphical User Interface	NMSU	Psychology
16	Adam Underwood	Manipulating Expectation of Context at Intention Formation: Evidence of Task and Lure Interference in Unexpected Context	NMSU	Psychology
17	Cynthia Killough	Do Auditory and Visual Information Influence Infants Movement to Music?	NMSU	Psychology
18	Matt Rambert	Word Encoding: Is Naturalistic Attention Better than Forced Attention?	NMSU	Psychology
19	Jeremy Schwark	Personality in Affective Computing: Neuroticism as a Predictor	NMSU	Psychology
20	William Graves	What Can Video Games Do for You!? A Glimpse at Their Benefits to Visual Attentional Abilities	NMSU	Psychology
21	Joshua Sandry	A Comparison of Multiple Adaptive Mechanisms with the Survival Advantage in a Free Recall Task	NMSU	Psychology

2011 Graduate Research and Arts Symposium

Poster Number	Name	Title	School	Department
22	James Schaeffer	Speed of Sight	NMSU	Psychology
23	Maria T. Patterson	The HALOGAS Project: HI Observations Of NGC 5055	NMSU	Astronomy
24	Cat Wu	Kinematics of Ionized Gas in Edge-on HALOGAS Galaxies	NMSU	Astronomy
25	David Teal	Martian Middle-Latitude Atmospheric Stationary Waves as Manifested in MRO MCS Retrieved Temperature Data	NMSU	Astronomy
26	Malynda Chizek	Mapping the Methane on Mars: Observational Season Comparison	NMSU	Astronomy
27	Robert Edmonds	Examining Buoyancy Waves in the Martian Atmosphere with Mars Climate Sounder	NMSU	Astronomy
28	Ryan T. Hamilton	K-band Observations of Sub-Gap Cataclysmic Variables	NMSU	Astronomy
29	Kenza Arraki	Variable High Velocity Winds from Broad Absorption Line Quasars	NMSU	Astronomy
30	Jacqueline McCleary	The Bulge, Disk and Halo Components of Disk Galaxies: Kinematic vs. Photometric Decompositions	NMSU	Astronomy
31	Deepak Basyal	How the Concept of Zero Has Changed During the Last 300 Years	NMSU	Mathematics
32	Brenda Nieto	Woody Plant Encroachment and Soil Organic Carbon Pools: Exploring the Role of Rhizodeposition	NMSU	Biology
33	Marcelo Araya Salas	Identifying Stopover Hotspots and Their Conservation Status for Nearctic Migratory Land Birds in Costa Rica	NMSU	Biology
34	Lisa Drake	The Aquaporin Gene Family in the Yellow Fever Mosquito, <i>Aedes aegypti</i>	NMSU	Biology
35	Stacy D. Rodriguez	Use of Microsatellites to Test the Reproductive Fitness of Mosquito Males Raised Under Different Nutritional Regimens	NMSU	Biology
36	Jessica Gant	A Fusidic Acid Inducible Operon (fai123) of <i>Staphylococcus aureus</i>	NMSU	Biology
37	Robert Guth	Got Calcium? - Role of Calcium Signaling in the Electrical Activity-dependent Plasticity of Myogenic Cells in Electric Fish	NMSU	Biology
38	Davie P. Price	Metabolomic and Transcriptional Differences in High vs Low Nutrient <i>Aedes aegypti</i>	NMSU	Molecular Biology
39	Alma D. Pacheco	Analyzing Forest Fragmentation in Private and Public Forestland in Massachusetts (USA) between 1990 and 2009	NMSU	Geography
40	Kristen Hestir	Remote Sensing Assessment of Land Cover Change in the Mesilla Valley, New Mexico, 1985-2009	NMSU	Geography
41	Daniel Estrada	Mode Choice: Travel Patterns Associated with Commuter Rail in the Paso Del Norte Region	NMSU	Geography
42	Marco Schiavon	Subsurface capillary Irrigation to Establish <i>Festuca Arundinacea</i> (Schreb.) in an Arid Environment	NMSU	Plant and Environmental Sciences
43	Roxanna Reyna	Detection and Localization of <i>Undifilum oxytropis</i> Fungi in Locoweed Tissues	NMSU	EPPWS
44	Gretchen Gurtler	Fauna Report of Taxa Collected From the Post Quarry of Garza County, TX	Texas Tech	Museum Science
45	Qi Lu	A Momentum-based Approach for Identifying the Inertia Property of a Human Body	NMSU	Mechanical & Aerospace Engineering

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46	Javitt Hgmar Padilla-Franco	Scalable Technologies for Resource, Energy, and Environment Management & Sustainability (STREEMS)	NMSU	Electrical and Computer Engineering
47	Daniel Marquis	AMI Evaluation for Rural Electric Coop with Fixed Power Price and High 480V Three-phase Penetration, Including Meter Failure Rate Impact	NMSU	Electrical and Computer Engineering
48	Lejla Porobic	Knowledge Management and Absorptive Capacity as the Catalysts of Successful Manufacturing Information Technology Integration	NMSU	Industrial Engineering
49	German Reyes	The Need to Improve the Current Transit System on NMSU Campus	NMSU	Industrial Engineering
50	Eric Rodriguez	Systems Engineering Approach to Disaster Evacuation Modeling and Simulation	NMSU	Industrial Engineering
51	Frank Sullivant	Red Chili Drying Process Improvements Using Discrete-event Simulation	NMSU	Industrial Engineering
52	Prafulla D. Patil	Optimization of Direct Conversion of Wet Algae to Biodiesel Under Supercritical Methanol Conditions	NMSU	Chemical Engineering
53	Miguel Angel Zuniga	Effectively Targeting in Diverse Consumer Markets	NMSU	Marketing
54	Zachary Brooks	Is Media Literacy Active or Passive?	U of A	Second Language Acquisition and Teaching
55	J. Ryan Harbert	The Medicinal Landscape	Texas Tech	School of Art
56	Ashwin Naidu	Wildlife Forensic Genetics: A Synthesis For DNA Detectives To Fight Wildlife Crime	U of A	School of Natural Resources and the Environment
57	Tiffanie Phillips	Discovering Intelligence and Security Career Opportunities (DISCO)	NMSU	Criminal Justice
58	Jessica Richardson	The Effects of Temporal Distance on Affective and Cognitive Contributions to Health-Related Behavioral Intention Formation	NMSU	Psychology
59	Palak Jain	Island Identification in Customer-Driven Microgrids	NMSU	EE