

Presentations and Performances

Monday, March 11, 2013

Morning Session: Tentative Schedule

Corbett Center 3rd floor, Senate Chambers

Time	Name	Title	School	Department
8:00a	Angel Flores-Abad	Optimal Control of a Space Robot to Approach a Tumbling Object for Capture with Uncertainties in the Boundary Conditions	NMSU	Mechanical and Aerospace Engineering
8:20a	Pu Xie	Development of A Bio-Inspired UAV Perching System	NMSU	Mechanical and Aerospace Engineering
8:40a	Lin Zhang	A pilot study of dynamic stability indices for potential application of identifying older fallers	NMSU	Mechanical and Aerospace Engineering
9:00a	Wenwu Xiu	Trajectory Estimation of Human Mass Center using an Inertia Identification Approach	NMSU	Mechanical and Aerospace Engineering
9:20a	Harvind K. Reddy	Subcritical Water Extraction of Lipids from Wet Algal Biomass to Produce Biofuels	NMSU	Chemical Engineering
9:40a	Wenyan Li	Fluorescence lifetime-dependent flow cytometry in the time-domain	NMSU	Chemical Engineering
10:00a	Xiaofel Wu	Synthesis of Zeolitic Imidazolite Framework ZIF-7 and Application for CO ₂ and CH ₄ Separation	NMSU	Chemical Engineering
10:20a	Roufan Cau	Advances in fluorescence decay analysis: new techniques for use in cytometers	NMSU	Chemical Engineering
10:40a	Frederick Anthony Crawford	Detection of the fluorescence lifetime of green fluorescent protein expressed in yeast cells with a time-resolved flow cytometry	NMSU	Chemical Engineering
11:00a	Jacob Vander Vliet	The Distribution of Metals in the High Redshift Circumgalactic Medium Around Milky Way Progenitors	NMSU	Astronomy
11:20a	Maria Patterson & the HALOGAS Collaboration	Properties of Gas and Star Formation in the Outer Disk of the Sunflower Galaxy	NMSU	Astronomy
11:40a	Nigel Mathes	A Detailed Spatial Study of HI and OVI Absorbing Gas Around Galaxies	NMSU	Astronomy

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Time	Name	Title	School	Department
8:00a	Marcia Bardwell, Maria Molina, Sara Sewlyn, & Caroline Zamora	Designing Applied Communication Activities for Communication Studies	NMSU	Communication
8:20a	David Philip Morin	Population Genetics of the <i>Boechera suffrutescens</i> (Brassicaceae) Complex	NMSU	Biology
8:40a	Natasha Yazzie	Identification & characterization of the immune molecule Alpha-2-macroglobulin (A2M) in <i>Euprymna scolopes</i>	NMSU	Biology
9:00a	Allison Fitzgerald Heneghan	Investigating the genetic consequences of population fragmentation in Chihuahuan Desert Black Grama using AFLP markers	NMSU	Biology
9:20a	Phanidhar Kukutla	Mosquito defense against blood meal associated oxidative stress: concerted action of host and gut microbes in <i>Anopheles gambiae</i>	NMSU	Biology
9:40a	Cheryl Ingram & Ashley Ryan	Why Aren't You Here?: An Epistemological Investigation into the Dynamics that Contribute to the Shortage of Black Public School teachers	NMSU	Curriculum and Instruction
10:00a	Marilupe Rodriguez	Under the scars of being labeled: Who are worthy of carrying the official knowledge in mathematics?	NMSU	Curriculum and Instruction
10:20a	Nazarine M. William-Titre	The Underpinnings of Holistic Literacy Pedagogy: Harnessing Meaning in Reading	NMSU	Curriculum and Instruction
10:40a	Paulo A. Oemig	Bilingual Students in the Standardization Age	NMSU	Curriculum and Instruction
11:00a	Mauren Gabriela Navarro	A storytelling: The <i>curere</i> of marginalized Central American women: Double Wasted lives	NMSU	Curriculum and Instruction
11:20a	Erandi Wijerathna, Leo Zella, & Dr. Boris Kiefer	Design Hard Materials for Industrial Applications	NMSU	Physics
11:40a	Boris Kiefer & Disoj Neupane	The size dependence of the elastic behavior of Fe ₂ O ₃ and Al ₂ O ₃	NMSU	Physics

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Afternoon Session: Tentative Schedule

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Time	Name	Title	School	Department
1:00p	Jessica P. Lail	An analysis of the feminist theory of rape	NMSU	Psychology
1:20p	John Kulpa	Effect of Loss Size on Gambling Persistence When Subsequently Breaking Even	NMSU	Psychology
1:40p	Yuliana Zalkman	The effects of the media on gambling attitudes and behavior	NMSU	Psychology
2:00p	Luke Asher Blecha	The Unheard Unhearing: Most Men Are Created Equal	NMSU	Psychology
2:20p	Jesse Marczyk	Does it matter who pulls the switch? Perceptions of intentions in the Trolley Dilemma	NMSU	Psychology
2:40p	Candace Lewis	Residents and Volunteers: Community Response in Disaster Recovery in Tohoku, Japan	NMSU	Anthropology
3:00p	Amanda Marie Hernandez	Its the Pits!: Optimal Field Methods for the Location and Excavation of Prehistoric Roasting Pits in the Jornada Mogollon	NMSU	Anthropology
3:20p	Briana Bianco	Beekeeping Practices in Modern and Ancient Yucatan: Going from the Known to the Unknown	NMSU	Anthropology
3:40p	Sasha Richardson	"Princess or Not": A Critical Examination of Gender Role Portrayal in Disney's Brave	NMSU	Sociology and Women's Studies
4:00p	Deann Williams	Am I Too Good For School? A Qualitative Study of the Rivalry Between the Student-Athlete Identities	NMSU	Sociology
4:20p	Celeste Gabriela Rose Davilla	From Sex to Acquaintance: The Despised and Desired Gazes of a Black Female Spectator	NMSU	English
4:40p	Michael S. Alarid & Erin Easley	Peeling Back the Layers	NMSU	English

Presentations and Performances

Tuesday, March 12, 2013

Morning Session: Tentative Schedule

Corbett Center 3rd floor, Senate Chambers

Time	Name	Title	School	Department
8:00a	Wenjie Wang	Language Policy and Language Planning: A Comparative Study between Mandarin in China and English in U.S.	NMSU	Curriculum and Instruction
8:20a	Shenglun Cheng	Bridging School and Family: Co-authorship of Books as a Transformative Literacy Practice	NMSU	Curriculum and Instruction
8:40a	Mariam Abdelmalak	HyFlex Course Design: Exploring Students Meanings of the Learning Experience	NMSU	Curriculum and Instruction
9:00a	Daniel Ian Rubin	Still Wandering: Jews, Social Justice, and Multicultural Thought	NMSU	Curriculum and Instruction
9:20a	Christopher J. Kazanjian	Engaging Higher Education in a Transmigrating World: Humanistic Methodologies and Implications	NMSU	Curriculum and Instruction
9:40a	Sabrina S. Zamora	La administradora: A mixed methods study of the resilience of Mexican American women administrators at Hispanic Serving Institutions	NMSU	Educational Management & Development
10:00a	Amneh Ibrahim Al-Rawashdeh	muslimat junior faculty: a hermeneutic phenomenological study of navigating the tenure process in research universities	NMSU	Educational Management & Development
10:20a	Erika L. Galloway	Being Real or Being Black: A Content Analysis of Representations of African American Females in American Cinema	NMSU	Sociology
10:40a	Rodrigo Rau Mora	Democracy, Human Rights, and the GLBTQ Community right to marry (A US/EU Comparison)	NMSU	Sociology
11:00a	April Bond	Betwixt and Between: A Critical Discourse Analysis of Discursive Constructions of Native American Identity in U.S. Daily Newspaper Articles on the Cobell Indian Trust Case, 1996-2011	NMSU	Sociology
11:20a	Nichole Kay Weber	Media Construction of Climate Change and Global Warming: A Corpus Linguistic Approach to Critical Discourse Analysis	NMSU	Sociology
11:40a	Philip L. Hernandez	Emerging Technological Tools that Boost Classroom Engagement	NMSU	Curriculum and Instruction

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Time	Name	Title	School	Department
1:00p	Nancy Wasser, Veronica Gallegos, & Wenjie Wang	Stock Stories of U.S. Education Refuted: Transforming our Perspective through Historical Review	NMSU	Curriculum and Instruction
1:20p	Adriana Goenaga Ruiz de Zuazu	Third Graders acquiring a second language	NMSU	Curriculum and Instruction
1:40p	Roshani Rajbanshi	Professional Development Informs Curriculum	NMSU	Curriculum and Instruction
2:00p	Armando Altamirano	Democracy in the Borderland; Empowering the Voice of the Mestizo	NMSU	Curriculum and Instruction
2:20p	Mia Sosa-Provencio & Tamara Anatska	A Living, Breathing Curriculum of Body: Navigating Socioeconomic and Political Realities through Tattoo Artistry	NMSU	Curriculum and Instruction
2:40p	Hector Hernandez	Pyrethrum Production and Marketing Challenges and Opportunities for Smallholder Farmers in Kenya	NMSU	Agricultural Economics
3:00p	Alejandro E. Bernal	Wind as Renewable Energy Option for Rural Southwest	NMSU	Agricultural Economics
3:20p	Karen Trujillo	Hampered by the Himation: The Emotional Cloak of the Non-Traditional Student	NMSU	English
3:40p	Christine Lynn Peterson	Chain letters and prayers: how praying the rosary is equated to good-luck superstition within popular culture	NMSU	English
4:00p	Jeanine Deibel	Poetics of Indeterminacy	NMSU	English
4:20p	Kelsie Hahn	Flash Bang	NMSU	English
4:40p	Electra Rich	Patron Saint of Lost Ghosts: Fiction Reading	NMSU	English

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1:00p	Malnaidelage Nalin Fernando, Leo Zella, Tyne Richele Johns, Yue Qi, Chang H. Kim, Abhaya Datye, & Boris Kiefer	Interactions of Monometallic Pd _n /Pt _n (n=1, 9) Nanoparticles with Support Surfaces	NMSU	Physics
1:20p	Lekha N. Adhikari & Dr. Matthias Burkardt	Distribution of Angular Momentum in the Transverse Plane	NMSU	Physics
1:40p	Carmen Boje	Electronic Health Records (EHR) Systems, Quality Comparison and Analysis	NMSU	Engineering Technology and Surveying Engineering
2:00p	Patricia A. Grubel & Mohammad A. Qayum	Scalable Graph Processor	NMSU	Electrical & Computer Engineering
2:20p	Om Prasad Dahal	Preliminary Work to Classify the Disturbance Events Recorded by Phasor Measurement Units	NMSU	Electrical & Computer Engineering
2:40p	Kuldeep Kumar	Hybrid FSO/RF Symbol Mappings: Merging High Speed FSO with Low Speed RF through BICM-ID	NMSU	Electrical & Computer Engineering
3:00p	Mazen Nairat	Telephoto Lens Design	NMSU	Electrical & Computer Engineering
3:20p	Valeria Aguirre Holguin	New Information on Abraham Lincoln's Arithmetic Copybook	NMSU	Mathematics
3:40p	Feras Ahmad Yousef	Mathematical analysis of a Landau-de Gennes phenomenological model for bent-core liquid crystals	NMSU	Mathematical Sciences
4:00p	Khoi Nguyen	On Computing Conformant Plans Using Classical Planners: A Generate-And-Complete Approach	NMSU	Computer Science
4:20p	Gholamali Rahnavard	The New Era of Aspect Oriented Programming by Developing a Generic framework: Focusing on Runtime Monitoring and Dynamic Analysis	NMSU	Computer Science
4:40p	Ping Hou	Solving Decision-Making Planning Problems Under Uncertainty	NMSU	Computer Science

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8:00a	Benhar Sayoldin	An Efficient Clustering algorithm for Discovering Protein Complexes and Functional Modules in Protein-Protein Interaction Network	NMSU	Computer Science
8:20a	Ferdinando Floretto	A Filtering Technique for Fragment Assembly-based Proteins Loop Modeling with Constraints	NMSU	Computer Science
8:40a	Kyle Uckert	An Investigation of the Temperature Variations in Neptunes Upper Stratosphere via a July 2008 Stellar Occultation Event	NMSU	Astronomy
9:00a	Kenza Arraki	Effects of baryon removal on the structure of dwarf spheroidal galaxies	NMSU	Astronomy
9:20a	Candace Leah Gray	Venus' Oxygen Green Line and its Connection with Solar Activity	NMSU	Astronomy
9:40a	Nafuil Alam Siddique	Local Memory Store- Proposing a Multi-purpose Memory Replacing On-chip Cache	NMSU	Electrical & Computer Engineering
10:00a	Shive Pokharel	Integration of Renewable Energy Resources into Distribution System and Microgrids	NMSU	Electrical & Computer Engineering
10:20a	Waleed Alkohani	Application-dependent workload characterization	NMSU	Electrical & Computer Engineering
10:40a	Greggory Thomas McPherson	Measuring the concentrations of dissolved N ₂ , O ₂ , and CO ₂ in water using Enhanced Raman Spectroscopy	NMSU	Physics
11:00a	Joshua Amburgey	ionic liquids as a versatile radiation shield	NMSU	Physics
11:20a	Ramaninder Brar	Sterilize Aedes Aegypti Mosquitoes using X-rays of different wavelengths	NMSU	Physics
11:40a	Jorge Márquez B, David V. Jáuregui, Brad D. Weldon, & Craig M. Newton	Development of preliminary design charts for prestressed Ultra High Performance Concrete bridge girders	NMSU	Civil Engineering

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8:00a	Andrea Marie Severson	The Moral Mother: Marriage and Maternity in Victorian England	NMSU	History
8:20a	Daniel Ramirez-Gordillo	High throughput methods uncover putative deafness and vestibular genes in two <i>Xenopus</i> species	NMSU	Biology
8:40a	Stacy Rodriguez	Evaluating Radioprotectors to improve X-ray Sterilization Techniques for <i>Aedes aegypti</i> males.	NMSU	Biology
9:00a	Lisa Drake	Aquaporins in the Malpighian tubules are essential for water transport in the Yellow Fever mosquito, <i>Aedes aegypti</i>	NMSU	Biology
9:20a	Rebekah L. Horn	Population genetic structure of a playa lake crustacean	NMSU	Molecular Biology
9:40a	Martha Martinez Grimes	Deciphering the Role of Sucrose Phosphate Synthase in Root Nodules of <i>Medicago sativa</i> (alfalfa)	NMSU	Molecular Biology
10:00a	Rebecca Richman	Analysis of the Spatial-Temporal Distribution of the Mosquito Vectors of Sylvatic Dengue and Chikungunya Viruses	NMSU	Geography
10:20a	Chris Habrock	Caucasus Migration Patterns into Russia	NMSU	Geography
10:40a	Xuan Vu Nguyen	Vietnamese immigrants and descendants: The role of transnational ties in the acculturation and depression relationship	NMSU	Counseling and Educational Psychology
11:00a	Charlene Shroulote	Women of Color and Recidivism: A Feminist Criminology Perspective	NMSU	Criminal Justice
11:20a	Quinn Robinson	Carnivore Distributional Patterns in White Sands National Monument, NM	NMSU	Fish, Wildlife, and Conservation Ecology
11:40a	Griselda Martinez	Case Study: Does unauthorized Mexican unauthorized immigration has an impact in crime in the US?	NMSU	Economics and International Business/Agricultural Economics