

Presentations and Performances

Wednesday, March 18, 2015

Morning Session

Corbett Center 3rd floor, Senate Chambers

Time	Name	Title	School	Department
8:12a	Yanling Leng, Ruinian Jiang, & Sonya Copper	Strengthening Transverse Connections of Adjacent Precast Concrete Box Beam Bridges Using Transverse Post-Tensioned Bars	NMSU	Civil Engineering
8:24a	Gabriella Lewis	The implications of institutional theory and resource-based view at non-profit organizations: A triangulated qualitative case study analysis	NMSU	Management
8:36a	Margarita G. Ruiz Guerrero, Michelle Salazar Perez, & Elaine Mora	Black feminist photovoice: Early childhood teacher candidates critically examine systems of power while generating possibilities for resistance	NMSU	Curriculum & Instructions
8:48a	Yvonne Moreno	Transition: Results of the “Barriers to Transition Teacher Assessment” and the “Implementation of Transition Best Practices Inventory”	NMSU	Special Education & Communication Disorders
9:00a	Andrea Gallegos	Lg Attenuation of the Western United States	NMSU	Physics
9:12a	Mahmoud Hammouri & Dr. Igor Vasiliev	Electronic and Transport Properties of Waved Graphene Nanoribbons	NMSU	Physics
9:24a	Sanjiv Kumar Jha & Dr. Igor Vasiliev	Density Functional Study of Covalently Functionalized Graphene	NMSU	Physics
9:36a	Greggory McPherson	Constructing a small angle light scattering instrument as a micron-scale structural probe of porous systems	NMSU	Physics
9:48a	Nalin Fernando, T.N. Nunley, S. Zollner, C. Xu, J. Menendez, & J. Kouvetakis	Temperature and composition dependent optical properties of GeSiSn alloys	NMSU	Physics

2015 Graduate Research and Arts Symposium

Time	Name	Title	School	Department
10:00a	Joshua William Amburgey	Enhanced Raman Spectroscopy via Dipole Coupling in External Oscillation Electric Fields	NMSU	Physics
10:12a	Victor Owusu-Nantwi	Public Education Expenditures and Economic Growth in Ghana	NMSU	Economics, Applied Statistics, & International Business
10:24a	Sasi Prabhakaran Viswanathan, Amit Sanyal, & Maziar Izadi	Mechatronics Architecture of Smartphone-Based Spacecraft ADCS using VSCMG Actuators	NMSU	Mechanical & Aerospace Engineering
10:36a	Kristen Bernhardt	Double Negative: Claude Cahun's Life as Art	NMSU	Sociology
10:48a	Kathryn Steakley	Investigating Dust(less) Devils with Mars Science Lab	NMSU	Astronomy

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Time	Name	Title	School	Department
8:00a	Megan Stamey McAlvain	Assessing for Culturally Competent Older Adult Care	NMSU	Anthropology
8:12a	Dylan Clark	Get Your Grind On: Ground Stone Artifact Interpretations of Subsistence and Mobility at Cottonwood Spring Pueblo	NMSU	Anthropology
8:24a	Jacquelyn Heuer	Applied Anthropology & Traditional Food Systems: How Anthropologists Can Aid in Indigenous Food & Nutrition Movements	NMSU	Anthropology
8:36a	Scott Kevin Hays-Strom	School House Rock: Lake Valley Mining District School House Archaeology	NMSU	Anthropology
8:48a	David Morales Andrade	Iconography of Gods and Warriors of Tenochtitlan	NMSU	Anthropology
9:00a	German Reyes, Yuzhe Yan, & Hansuk Sohn	Optimization of Bio-fuel Logistics in the Southwestern United States	NMSU	Industrial Engineering
9:12a	Arturo Del Valle & Dr. Delia J Valles-Rosales	A rotor blade design optimization for a Fixed-Pitch Fixed-Speed Wind turbine	NMSU	Industrial Engineering
9:24a	Faris H. Almansour & Dr. Hansuk Sohn	An Optimization Model and Its Application to Carbon Capture and Storage problem with Enhanced Oil Recovery	NMSU	Industrial Engineering
9:36a	Ruofan Cao	Time-Resolved Flow Cytometry	NMSU	Chemical Engineering
9:48a	Kaylin Beeman	Measurement of Autofluorescence in Metabolically Altered Cell Line Using Time-Resolved Flow Cytometry	NMSU	Chemical Engineering
10:00a	Zhihua Yang	Measuring Cell Populations Expressing GFP/GFP- dCit and iRFPs with Different Fluorescence Lifetime by Time-resolved Flow Cytometry	NMSU	Chemical Engineering
10:12a	Wenyan Li	Use of Flow Cytometry and Correlate GFP Fluorescence Lifetimes to pH Shifts in Macrophage cells infected by E. Coli	NMSU	Chemical Engineering

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10:24a	Faisal H. Alturkistany, Varayini Pankayatselvan, Wenyan Li, Jeffrey B. Arterburn, Kevin D. Houston, & Jessica P. Houston	Studying FRET between a novel fluorophore and enhanced green fluorescent protein to develop a new binding assay for estrogen receptor alpha	NMSU	Molecular Biology
10:36a	Jacqueline A. Zeiber, Michael J. Marks, Yuliana Zaikman, & Tara Young	Homonegativity, Traditional Gender Roles, and the Sexual Double Standard	NMSU	Psychology
10:48a	Collin Scarince & Michael C. Hout	Cutting Through the MADness: Understanding Operator Performance on Complex and Dynamic Search	NMSU	Psychology

Presentations and Performances

Wednesday, March 18, 2013

Afternoon Session

Corbett Center 3rd floor, Senate Chambers

Time	Name	Title	School	Department
1:00p	Paulo A. Oemig	Dramaturgical Critical Analysis: A Case Study for Performance Plays to Stage Critical Multicultural Analysis of Literature	NMSU	Curriculum & Instruction
1:12p	Debasmita Roychowdhury	Analysis to Emancipation: Critical Discourse in a Composition Classroom	NMSU	Curriculum & Instruction
1:24p	Adriana Goenaga Ruiz de Zuazu	Literature Circles in the Classroom	NMSU	Curriculum & Instruction
1:36p	Cecilia Palacio-Ribón	Spanish Heritage Learners in a Spanish as a Second Language Class. The Outcome of a Teacher Practice.	NMSU	Curriculum & Instruction and Language & Linguistics
1:48p	Armando Altamirano	Funds of Knowledge for Empowering Technology Use	NMSU	Curriculum & Instruction
2:00p	Christopher James Kincaid	From War Fighters to Crime Fighters: The Origins of Domestic Police Militarization	NMSU	Government
2:12p	Mohammad Abdul Qayum	Acceleration of Big Data analytic through parallel graph application optimization techniques	NMSU	Electrical & Computer Engineering
2:24p	Patricia A. Grubel	Dynamic Performance Measurements for Adaptive Thread Scheduling	NMSU	Electrical & Computer Engineering
2:36p	Soumik Banerjee	Study and Characterization of Mixed Abstraction System Modeling	NMSU	Electrical & Computer Engineering
2:48p	Pochou Su	A Configurable Cache Performance Model for Monte Carlo Processor Model	NMSU	Electrical & Computer Engineering
3:00p	Yeshwanth Puppala	A 10 MHz Low Voltage, Noninverting, Synchronous Buck-Boost DC-DC Converter using current-mode feedback for Portable Battery Powered Applications	NMSU	Electrical & Computer Engineering

2015 Graduate Research and Arts Symposium

Time	Name	Title	School	Department
3:12p	Ahmed Benkhalti	An Analysis of Transition-to-Proof Course Students' Proving Difficulties	NMSU	Mathematics
3:24p	Candace Gray	Venus's Mysterious Aurora	NMSU	Astronomy
3:36p	Sam Schonfeld	The Coronal Sources of Solar F _{10.7} Flux	NMSU	Astronomy
3:48p	Jessica Tabacca & Karina Fonseca	Grocery Shopper Characteristics and their Impact on Produce Purchases	NMSU	Industrial Engineering
4:00p	Susana Ríos & Louis Meza	Applying an Inter-Disciplinary Thinking Model to Teach Science coupled with Literacy, Math and Technology to support English language learners	Las Cruces Public Schools	

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1:00p	Tara M. Young, Michael J. Marks, Yuliana Zaikman, & Jacqueline Zeiber	Situational Influences on Condom Purchasing	NMSU	Psychology
1:12p	Lindsay Ruckel & Melanie Hill	The Death of Dating and the Birth of Hooking-Up: An Examination of Psychosocial Factors Relating to Young Adults' Hook-Up Experiences	NMSU	Psychology
1:24p	Yuliana Zaikman, Michael Marks, Tara Young, & Jacqueline Zeiber	Gender Role Violations and Sexual Double Standard	NMSU	Psychology
1:36p	Nigel Mathes, Christopher Churchill, & Michael Murphy	Characterizing MgII and CIV Absorption Around Galaxies	NMSU	Astronomy
1:48p	Jean McKeever	Ages of Red Giants from Asteroseismology	NMSU	Astronomy
2:00p	Sten Hasselquist	Detection of Neodymium in APOGEE H-band Spectra and its Application to Chemical Tagging	NMSU	Astronomy
2:12p	Diane Feuillet, Jon Holtzman, & Leo Girardi	Ages of Giants with High Resolution Spectroscopy	NMSU	Astronomy
2:24p	Jesus Salvador Sambrano, Jr., Y. Smagley, A. Chigaev, L. Sklar, & J. Houston	Quantitative representation of multiple conformational states of integrins using high throughput lifetime-dependent flow cytometry	NMSU	Chemical & Materials Engineering

2015 Graduate Research and Arts Symposium

Time	Name	Title	School	Department
2:36p	Rishi R. Sapkota, Steven J. Ontiveros, Charles B. Shuster, & Jeffrey B. Arterburn	Lysosome targeting new class of fluorescent compounds	NMSU	Chemistry & Biochemistry
2:48p	Bishnu H. Dhakal & Dr. James W. Herndon	Fastest route for the synthesis of apomorphine skeleton through the net [5+5]-cycloaddition of γ,δ -unsaturated Fischer carbene complex and ortho-alkynylbenzoyl system.	NMSU	Chemistry & Biochemistry
3:00p	Michelle Lanteri	Collateral Damage: Jaune Quick-To-See Smith's Call-To-Action To Americans To Identify With Environmental Issues	NMSU	Art
3:12p	Ryan Martin MacLennan	Much ado with Words: <i>The Northern Star's</i> Poetry Column and the Conflict with the Narrative of the Publication	NMSU	History
3:24p	Miranda Flores	The Squire's Economy of Knowledge: Chaucer and Class-Based Models of Epistemology	NMSU	English
3:36p	Ferdinando Fioretto	Branch Consistency in Distributed Constraint Optimization	NMSU	Computer Science
3:48p	Najah Al-Shanableh	Healthcare Data Mining	NMSU	Computer Science
4:00p	Gaurav Thapa	Internship Program at the United Nations Office at Nairobi: Building a National Urban Policy Database for United Nations Human Settlements Programme (UNHabitat)	NMSU	Geography
4:12p	Manzamasso Hodjo & Ram N. Acharya	Analyzing Policy impact and economic relationship among goods on the rice market in Togo	NMSU	Agricultural Economics & Agricultural Business