

19th Annual McNair Scholars Research Symposium

Tuesday, August 2, 2011
Wyoming Union, Family Room

Welcome 9:00 a.m.

9:10 a.m.

Kimberli Ogg

Oral Pressure Requirements for Common Blow Toys
With David Jones, Ph.D.; Mary Hardin Jones, Ph.D.

9:30 a.m.

Mark Givens

*Objections to Current Models of Justification Logic from
an Epistemological Perspective*
With Franz-Peter Griesmaier, Ph.D. and Casey Hart

9:50 a.m.

Brett Brady

*The Carbon Project: The Lost City of Carbon and its
Cultural Influences on the Development of Wyoming*
With Richard Ewig, Ph.D., Robert Lang & Kathryn Brooks

Morning Reception

10:10 a.m. -10:40 a.m.

10:40 a.m.

Kevin Schilling

*The Study of Cysteine Molecule Coated Magnetic
Fe₃O₄ Nanoparticles via Sonochemical
Method for Bio-Applications*
With Patrick Johnson, Ph.D. and Joo Seob Lee

11:00 a.m.

Nathan Fletcher

*Membrane-less Filtration: Microfluidic
Sample Processing for Microgravity*
With John Oakey, Ph.D. and Kaspars Krutkramelis

11:20 a.m.

Anthony Richard

*Exploring the Synergistic Effects of Dialkylimidazolium
Ionic Liquids and Conventional Inhibitors as
Methane Hydrate Inhibitors*
With Hertanto Adidharma, Ph.D.

Lunch Break

11:40 a.m. – 1:00 p.m.

1:00 p.m.

Cameron Finley

*Myxobacteria as Biocontrol Agents of
Agricultural Plant Pathogens*
With Daniel Wall, Ph.D. and Yao Xiao

1:20 p.m.

Joshua Heyer

*An Investigation of Climatic Controls During Low
Stream-Flow Years in the Upper Laramie River Watershed*
With J.J. Shinker, Ph.D. and Joshua Fredrickson

1:40 p.m.

Scott Cheney

*A Medieval Perspective: A Digital and Iconographic
Exploration into Bulgarian Medieval Fresco
Paintings of the Sveta Bogoroditsa Monastery Chapel*
With Elizabeth Hunt, Ph.D. and Lindsey Grubbs

2:00 p.m.

John Bergquist

*Do Therapists Underestimate Patient Preferences for
Empirical Support in Psychological Treatment?*
With Brett Deacon, Ph.D. and Leilani Hipol

2:20 p.m.

Laurie Petric

*Views of the Effects of Methamphetamine on Health,
Treatment Efficacy and Criminality*
With Cary Heck, Ph.D. and Kimberly Duggins

2:40 p.m.

Melvin Arthur

*Complacency and Lack of Discourse on the
Wind River Indian Reservation*
With Caskey Russell, Ph.D. and Jami Jorgensen