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 Krutkamelis

11:20 a.m.
Anthony Richard
Exploring the Synergistic Effects of Dialkylimidazolium Ionic Liquids and Conventional Inhibitors as Methane Hydrate Inhibitors
With Hertanto Addidharma, Ph.D.

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

Lunch Break
11:40 a.m. – 1:00 p.m.