8th Annual Southeast Missouri State University
Student Research Conference

Short Program
April 25 and 26, 2000
4th Floor, University Center

Tuesday, Ballroom

9:00-9:05 Opening Remarks

9:05-9:20 Courtney A. Stevens, The Constitutionality of Abortion

9:20-9:35 Janet Johnson, Mark Twain, Lady’s Man: A New Rhetoric for Women’s Rights and Suffrage

9:35-9:50 Jeremy McCrary, On Certainty

9:50-10:00 Break

10:00-10:15 Amy Michelle Shanks, Constitutional Limitations on Regulating Internet Indecency

10:15-10:30 Paul Albers and Bret Draayer *, Design and Implementation of a Computer Controlled Microwave Spectroscopy System

10:30-10:45 Emily Vinson, Should Same-Sex Marriages Be Protected by Law?

10:45-11:00 Break

** Concurrent Session, PAPERS**

Tuesday, Ballroom
11:00-11:15 Andrew Horrell, Electrical Resistivity Survey for the Expansion of Independence Street

11:15-11:30 Clint E. LeBeau and David K. Probst *, Frequency Variation of Standing Waves Produced by a Simple Vibrator

11:30-11:45 Donghui Kuang, Molecular Characterization of the Glutamine Synthetase (GS) gene from the fungus Schizophyllum commune

11:45-12:00 Thomas Olges, Psychology, Determinism, and the Search for Responsibility

12:00-12:15 Eric Boyer, Holography

** Concurrent Session, POSTERS**

Tuesday, University Room

11:00-11:05 William A. Gilbert, Synthesis of Ketenes to Determine Transition Metal Binding Preferences

11:05-11:10 Brian Huesgen and Mohammed Ali*, Oxidative Regeneration Of Carbonyl Compounds From Oximes Utilizing Catalytic Amounts Jones Reagent Supported On Silica Gel

11:10-11:15 Terri Leible and William E. Snell, Jr.*, The Relationship Between Borderline Personality Disorder and Both Emotional Clarity and Emotional Regulation

12:15-1:35 PANEL DISCUSSION

1:35-1:45 Break

1:45-2:00 Thomas M. Eaton, Singleness and Oneness in Whitman, Thoreau and Poe

2:00-2:15 J. A. Brewer & J. N. Dahiya, A Computer Controlled Valve For Temperature Dependent Dielectric Studies of Materials

2:15-2:30 John D. Mayfield, Differentiation of species in Phomopsis, an important group of plant pathogens

2:30-2:45 Kevin Byrd and Jin Kang Gong *, Metal-centered and Ligand-centered Reactivities of a Palladium Dimer, Pd₂(dcpm)₂Cl₂
2:45-3:00 Kristopher H. McConnell, Construction of a Genomic DNA Library as a Tool in the Study of *Schizophyllum commune*

3:00-3:15 Break

3:15-3:30 Brandy Green, The Rough and Tumbled World of Professional Wrestling

3:30-3:45 J. S. Alexander and R. A. Cannon*, Calculator-Based Data Collection Devices

3:45-4:00 Rachal Gray, Death Penalty: Should It Be Abolished?

**Wednesday, Ballroom**

9:00-9:05 Opening Remarks

9:05-9:20 Jeremy McCrary, A Failure of Fear

9:20-9:35 Staci M. Greene, Dr. Mohammed Ali*, Deoximation Reactions with Silica Gel Supported Jones Reagent (SJR) in Non-Aqueous Media


9:50-10:05 Break

10:05-10:20 Cathryn R. Criddle and Richard A. Burns *, Relevance of Ordinal Position Cues with Limited and Extended Training

10:20-10:35 Crista Straub, Development of *Schizophyllum commune* on non-uniform nutrient substrates.

10:35-10:50 Dr. Mohammed Ali*, Maria G. Gomes, Formation of cyclic S,S-Acetals and S,S-ketals from aldehydes and ketones utilizing silica- gel support

10:50-11:05 Break
11:05-11:20 Christopher Todd Hittinger, Isolation and characterization of a putative regulatory gene that is differentially transcribed under nitrogen stress in *Schizophyllum commune*.

11:20-11:35 Mohammed Ali* and Kirti Patel, Regeneration Of Carbonyl Compounds from Oximes With Silica Gel Supported Cu$^{2+}$

11:35-11:50 Heather R. Abney, Should Law Enforcement Officials Notification a Community of Released Convicted Sex Offender?


**12:05-12:15 Presentation of Awards**

**12:15-12:30 Welcome audience to join us for lunch and take food to their seats**

**12:30-1:15 Keynote Speaker, Dr. Betsy Levonian Morgan will speak on “Beyond Barbie vs. G.I. Joe: The Subtleties of Gender Research”**

This talk will survey several popular domains of gender difference, including research on aggression, empathy, cognitive abilities, and childhood play patterns. Particular attention will be paid to methodology subtleties that enrich our understanding of the complexities of gender. In addition, she will look at unexpected ways that bias slips into research.

Dr. Morgan has her doctorate from an interdisciplinary program called Social Ecology from UC Irvine. She is an associate professor of social psychology at University of Wisconsin - La Crosse and she chairs the department. She teaches General Psychology, Psychology of Women, Group Dynamics, Honors, and Social Psychology. She has research interests in the areas of feminist attitudes, social class perception and college student career choices. She has co-authored a book entitled "Majoring in Psych?: Career Options for Psychology Undergraduates." On a more personal front, she is the mother of identical twin boys and she resisted the psychologist's urge to have one raised by wolves "just for comparison."

**1:15-1:30 Question and answer session with keynote speaker**

**1:30-1:35 Break**

1:35-1:50 Andrea Holloway, The Effects of Gender and Status on beliefs about Adolescent Employment

1:50-2:05 Angela Fornkohl Blum, Glutamate Dehydrogenase Activity of *Schizophyllum commune*

2:05-2:20 Brian Bonfanti, Plea Bargaining: Is It a Legitimate Form of Justice?

2:20-2:30 Break
2:30-2:45 *Lucy Thurston and Mohammed Ali*, Synthesis of Benzaldehydes from Benzyl Alcohols Utilizing Catalytic Silica Gel Supported Jones Reagent (SJR).

2:45-3:00 *Leslie Ann Menz*, Insanity Defense

3:00-3:15 *Tony R. Moyers*, Personality Disorders and Romance

3:15-3:30 Break

** Concurrent Session, PAPERS**

**Wednesday, Ballroom**

3:30-3:45 *Nathaniel Meyer and Mohammed Ali*, Oxidation of Secondary Alcohols to Ketones with Catalytic Silica Gel Supported Jones Reagent (SJR) in Methylene Chloride.

3:45-4:00 *Richard Joseph Fitzgerald*, The Constitutionality of Term Limits

4:00-4:15 *Jennifer N. Smith*, Free Amino Acid Composition in Growing Mycelia of *Schizophyllum commune*

** Concurrent Session, PAPERS**

**Wednesday, Indian Room**

3:30-3:45 *Jamie Meyer*, Decriminalizing Drug Use

3:45-4:00 *Mohammed Ali*, *Erin Knuf*, and *Joe Cipriano*, Oxidative Regeneration of Carbonyl Compounds from Oximes Utilizing Ceric Ammonium Nitrate Supported on Silica Gel.

4:00-4:15 *Adam Filla*, Divorce Mediation