WEDNESDAY, APRIL 15, 2009, GLENN AUDITORIUM

**BREAKFAST AVAILABLE INSIDE GLENN AUDITORIUM AT 8:00**

8:00-8:15  Opening Remarks-Amber Castens and Sarah Beal, 2009 SRC Student Co-Chairs

Paper Session: WEDNESDAY, GLENN AUDITORIUM  8:15 – 8:45

8:15-8:30  Tara Raddle, Asperger's Syndrome

8:30-8:45  Jon McGuirt, Face Recognition: Past, Present, and Future

**CONCURRENT SESSION, PAPERS**

Paper Session: WEDNESDAY, GLENN AUDITORIUM  9:00 – 9:45

9:00-9:15  Hallie A. Fieser, At the Forefront of Storefronts: A Look at the Legacy of Mesker Brothers Iron Works and George L. Mesker & Company

9:15-9:30  Amy Christine Nickless, Nazi Ideology, Jewish Resistance: There are Two Sides to Every Story

9:30-9:45  Erik Z. Gowin, The Philosophical Importance of Heavy Metal as Illustrated by Metallica’s “Ride the Lightning”

**CONCURRENT SESSION, POSTERS**

Poster Session: WEDNESDAY, ROOM 102-DEMPSTER HALL  9:00 – 9:45

Adam E. Gohn & Dr. Alan Journet*, Perceptions of Southeast Missourians Regarding Climate Change

Andrea Thompson, The Price of Clean Air: The Relation Between Carbon Dioxide Emissions and Per Capita Income for US Counties

Jennifer D. Arthur, Dr. Rachel Morgan Theall*, & Dr. Jim McGill*, Women and Minorities in Forensic Science

Brianna Egbuka & Callie Hoffman, Obesity Rates and Knowledge of Physical Activity among BMI Levels of Female High-School Students

Paper Session: WEDNESDAY, GLENN AUDITORIUM  10:00 – 10:45
10:00-10:15  Anna Powell, Like Father, Like Son: Mirroring Relationships in Junot Diaz’s Drown

10:15-10:30  Tiffany N. Clark, The Male Perspective: Weight and Self-Objectification Theory

10:30-10:45  Andrea Thompson, Are Our Courtroom Really Safe?

**CONCURRENT SESSION, PAPERS**

Paper Session: WEDNESDAY, GLENN AUDITORIUM  11:00 – 11:45

11:00-11:15  Swetha Kundhuru, Oxidation of Sulfide With Iodoxybenzoic Acid Supported On Silica Gel

11:15-11:30  Summer N. Payne, Physical Reflections of Personality: Personal Living Space Cues to Personality

11:30-11:45  Shravani Madabhushi, Synthesis Of 2-Arylbenzoxazoles Promoted By Magtrieve

**CONCURRENT SESSION, POSTERS**

Poster Session: WEDNESDAY, ROOM 102-DEMPSTER HALL  11:00 – 11:45

Brittany Ryan, The Impact of Segregation in Missouri Elementary Schools

Callie L. Hoffman, Laura M. Burdick, Julia Masotti, Nutrition Facts and Fast Food: Do People Really Want to Know?

Heather Backfisch, The Effect of Baby Sign on Language Acquisition

**LUNCH AVAILABLE INSIDE GLENN AUDITORIUM AT 11:45**

KEYNOTE ADDRESS   GLENN AUDITORIUM  12:00 – 1:15

12:00-12:05  Introduction of Keynote Speaker—Amber Castens & Sarah Beal, 2009 SRC Student Co-Chairs

   Dr. Jennifer Siciliani, University of Missouri-Saint Louis, Keynote Speaker

12:05-1:15  “Research: What’s Sex Got to Do With It?”

**CONCURRENT SESSION, PAPERS**
Paper Session: WEDNESDAY, GLENN AUDITORIUM 1:30 – 2:45

1:30-1:45  Theresa A. Orlovsky, Don’t Be a Baby: The Psychology of Sexuality in Mary Shelley’s Frankenstein

1:45-2:00  Rebecca A. Foust, The Role of Attachment Style in Peer and Parent Relationships and Neurotic Behaviors

2:00-2:15  Tyler Tankersley, The Use of Drugs in Religious Experience

2:15-2:30  Ryan Humphries, Eric Henry, & Pete Boenker, The Attitudes, Preferences and Beliefs of Restaurant Patrons in Cape Girardeau in Regard to Smoking Inside Restaurants

2:30-2:45  Heather Jenkins, Dog and Owner Personality: A New Tool for Determining Compatibility

**CONCURRENT SESSION, POSTERS**

Poster Session: WEDNESDAY, ROOM 102-DEMPSTER HALL 1:30 – 2:45

Adam E. Gohn & Dr. Ronald Williams*, Analysis of Bicycle Consumer Practices

Becky Holloway and John W. Paquin*, Neighborhood Segregation and Educational Outcomes in Cape Girardeau, Missouri

Jonathan M. Kessler, and Rex Tayloe*, A High-Resolution Scintillation Detector for Nuclear Reactor Monitoring Via Antineutrino Interactions

**SNACKS AVAILABLE INSIDE GLENN AUDITORIUM AT 2:45**

Paper Session: WEDNESDAY, GLENN AUDITORIUM 3:00 – 4:00

3:00-3:15  Jonathan M. Kessler, Clayton A. Schenk, Eliza K. Grove, and Santaneel Ghosh*, Oscillating field actuated polymeric nano-spheres for therapeutic applications

3:15-3:30  Tracie Nicolai, Frankenstein--The Creature’s Blame Game

3:30-3:45  Brad Notheisen, Using Neural Networks in Facial Expression Recognition

3:45-4:00  Joey Wengler, An Expert System in Artificial Intelligence – Using CLIPS to Build an Elevator Control System
4:00-4:15  Charles J. Wallgren, Xiaobing Hou, Ragu Athinarayanan, & Shuju Wu*, Implementation of an Integrated Undergraduate Telecommunications Laboratory

THURSDAY, APRIL 16, 2009, GLENN AUDITORIUM

**BREAKFAST AVAILABLE INSIDE GLENN AUDITORIUM AT 8:00**

8:00-8:05  Opening Remarks-Amber Castens and Sarah Beal, 2009 SRC Student Co-Chairs

Paper Session: THURSDAY, GLENN AUDITORIUM 8:05 – 9:20

8:05-8:20  Danielle LaVictoire, Understanding Fingerprint Corrosion on Metal Surfaces

8:20-8:35  Sarah Slade, The Effects of Owner’s Personality on Their Attachment to Dogs


8:50-9:05  Carol Baylor & Sean Haase, A More Environmentally Friendly Method to Synthesize the Bromohydrin of 3-Sulfolene with 1,3-Dibromo-5,5-Dimethylhydantoin

9:05-9:20  Tanya Cwick & Stephanie Payne, Oxidation of Hydroquinone to Quinone using Iodoxybenzoic Acid Supported on Silica Gel

Paper Session: THURSDAY, GLENN AUDITORIUM 9:30 – 10:45

9:30-9:45  Brenna L. Kiser, "Total Domination?: How Emerson Attempts to Raise Man above Nature"

9:45-10:00  Hannah L. Korte, Allen C. Gathman,* & Walt W. Lilly*, Expression of a Coprinopsis cinerea Gene

10:00-10:15  Veronica Schnabel & Svetlana Taylor, Investigation of the Monobromination of Benzenes Derivatives Using 1,3-Dibromo-5,5-Dimethylhydantoin

10:15-10:30  Rachel Mertens, Effect of Temperature on Known False Positives for the Scott Test

10:30-10:45  Adam E. Gohn, Reducing the Carbon Footprint of the United States: A Multi Faceted Approach
**Paper Session: THURSDAY, GLENN AUDITORIUM 11:00 – 12:15**

11:00-11:15  *Drew Satterfield & Josh Thompson*, Conversion of Cinnamic Acid to β-Bromostyrene using DBDMH

11:15-11:30  *Joshua de Vries*, The Great Repression: Symbols of Sexuality in Mary Shelley's *Frankenstein*

11:30-11:45  *William L. Hodges*, Campaign for Change

11:45-12:00  *Erin Darland*, Determination of the Origin of Commercial Pepper Spray Residues via Gas Chromatography-Mass Spectroscopy

12:00-12:15  *Joshua Nickelson & Mohammed Hashmat Ali*, Protection of Aldehydes as Cyclic Dithiol Acetals with Magnesium Perchlorate

**LUNCH AVAILABLE INSIDE GLENN AUDITORIUM AT 12:15**

**Concurrent Session, Papers**

**Paper Session: THURSDAY, GLENN AUDITORIUM 12:30-1:30**

12:30-12:45  *Michelle C. Baker & Vincent T. Shelhamer*, Opening of Epoxides to Diols using Silica-Gel Supported Lewis Acids

12:45-1:00  *Christopher Litton*, Oxidation of Thiol to Disulfides with PCC on Silica Gel Support

1:00-1:15  *Caleb Tankersley*, Reflections of America in Philip Roth

1:15-1:30  *Brandon D. Ferguson*, Gender Differences in Stress and Academic Performance

**Concurrent Session, Posters**

**Poster Session: THURSDAY, ROOM 102-DEMPSTER HALL 12:30 – 1:30**

*Kimberly Weiss & Jennifer Nagel*, Can Students Accurately Predict the Energy Content of a Sample Meal?

*Jessica D. Klipfel & Martha J. Cook*, An Investigation of the Lidcombe Program for Stuttering Administered by an Undergraduate Student
Katie Isgriggs and Martha J. Cook *, Variability in Learning Phoneme Characteristics for a Child with a Language-Learning Disability

Brittney Osborn, Becky Thole, Lanie K. Haertling, The Difference in Calorie Consumption between College Students Who Live on Campus and Those Who Commute, and the Effect it has on Weight.

Erica Moore, Brianna Gaddie, & Jessica Taubel, Perceived Benefits and Barriers to Exercise among Undergraduate College Majors

AWARD CEREMONY: THURSDAY, GLENN AUDITORIUM AT 1:30
Introduction of winners and Phi Kappa Phi representative—Amber Castens & Sarah Beal, 2009 SRC Student Co-Chairs
Best Papers/Best Posters/Best Art

Paper Session: THURSDAY, GLENN AUDITORIUM  2:00 – 3:15

2:00-2:15  Jena Nguyen & Will Gibson, Green Solvent-Free Wittig Reaction: Synthesis of an Alkene Using an Aldehyde With a Base

2:15-2:30  Thomas Boyd, Danielle Hoffman, Kelsey Loucks, & Dr. Lucinda Swatzell*, A New Delivery System for Plant Tissue Culture

2:30-2:45  Scott Powers and Jesse Beard, Green Synthesis of 2-nitro-1 phenylethanol via the Henry Reaction without Organic Solvent

2:45-3:00  Diana Jo Watson, The Future of Accounting PhDs

3:00-3:15  Mohammed Ali* and Subhash Akkina, Green Chemistry: Silica Gel Supported Catalytic Hypervalent Iodine Reagent in Oxidation Reactions

**SNACKS AVAILABLE INSIDE GLENN AUDITORIUM AT 2:00**

Paper Session: THURSDAY, GLENN AUDITORIUM  3:30 – 4:30

3:30-3:45  Elizabeth A. Goodon, The Mommy Gene

3:45-4:00  Joshua Smith, Justice in the Gate: A Study of Pre- and Postexilic Judaic Literature

4:00-4:15  Michael K. Enke, Corporate Media: Fair and Balanced or Decadent and Depraved? Examination and Application of Ethical Standards in the 21st Century

4:15-4:30  Kory Mueller & Brent Lindsley, Investigation of Oxidation of Phenols to Quinones Using the Cooxidation System of Ceric Ammonium Nitrate and Sodium Bromate on Silica Gel Support
* AUTHORS WITH AN ASTERISK AFTER THEIR NAME ARE FACULTY.