

Slippery Rock University Center for Student Research

The SRU Center for Student Research supports and promotes high-quality student/faculty collaborative research, scholarship and creative activity.

Our mission is to create a community of learners by facilitating the exchange of ideas, to provide a collegial venue that prepares students for further scholarly exploration and professional careers, and to promote scholarly inquiry as a fundamental value of the SRU experience. This will be achieved by providing students with:

- A resource center for faculty and student use with materials and information related to research and scholarship;
- Funding for research projects through the Faculty/Student Research Grant Program; and
- A venue to showcase the collaborative efforts through the Symposium for Student Research, Scholarship, and Creative Activity.

THURSDAY, APRIL 2, 2009

MORNING: ORAL PRESENTATIONS

8:00 a.m. - 11:30 p.m.

Multipurpose Room

University Union

- 8:00 a.m. **Survey of the Patients' Perceptions of the Quality of the Services of the Student Health Services at Slippery Rock University**
MPR-A Ryan Earley, Derek Rusbarsky, Kelsey Miller, and Dilanjan Askew
College of Business, Information and Social Sciences
- 8:30 a.m. **Center for Excellence and Teaching Educational Technology**
MPR-B Mark Aloisio, Bryan Rhodes, Matt Schaefer, and Lisa Suhrie
College of Business, Information and Social Sciences
- 9:00 a.m. **Teen Date Violence and Young Adult Literature**
MPR-A Kimberly A. Galvin
College of Humanities, Fine and Performing Arts
- 9:30 a.m. **Investigation of the Relationships of Buds, Leaves, Bark/Cambium, and Roots during Stem Cutting Regeneration for Biomass Accumulation**
MPR-B Shari Mastalski
College of Health, Environment and Science
- 10:00 a.m. **A Study of Student Satisfaction with the International Services Office at Slippery Rock University**
MPR-A Jeanna T. Payne
College of Business, Information and Social Sciences
- 10:30 a.m. **The Lives of Others: A Modern Day Example of Brecht's "Epic Theater"/ Das Leben der Anderen: ein heutiges Beispiel von Brechts," epischen Theater"**
MPR-B Jenny L. Langenhahn
College of Humanities, Fine and Performing Arts
- 11:00 a.m. **Disinterested Contemplation: A Philosopher's Way of Looking at Art**
MPR-A Beau D. Smith
College of Humanities, Fine and Performing Arts
- 11:30 a.m. **Survey of the Student's Satisfaction with the Study Abroad Programs**
MPR-B Natalie A. Crispin, Luke C. Miller, James G. Norris, and Wesley J. Lefebvre
College of Business, Information and Social Sciences

THURSDAY, APRIL 2, 2009

AFTERNOON: ORAL PRESENTATIONS

12:00 noon - 4:30 p.m.
Multipurpose Room
University Union

- 12:00 p.m. **Birefringence Measurements of Spherulites formed in a-Lactoglobulin**
MPR-A Jazmine N. Loman
College of Health, Environment and Science
- 2:00 p.m. **Student Utilization of the Career Center Services at SRU**
MPR-B David P. Craven, Phil Ritter, Drew Stein, and Chad Zabicki
College of Business, Information and Social Sciences
- 2:30 p.m. **Soil Composting: Biomass Pre-Treatment for Bio-Fuel Production**
MPR-A Joshua J. McGinnis
College of Health, Environment and Science
- 3:00 p.m. **Correlation Between Fifth Graders' Benchmark 4Sight Mathematics**
MPR-B **Scores and their PSSA Scores**
Christina Kelly
College of Education
- 4:30 p.m. **A Comparison of Ankle Taping Methods on Resisting Subtalar Inversion**
MPR-A **and Eversion: Prewrap vs. No Prewrap**
Jenna Micsky, Katherine Sullivan, Krista Haidle, Will Jones, and Tim Donovan
College of Health, Environment and Science

THURSDAY, APRIL 2, 2009

POSTER PRESENTATIONS

8:30 a.m. - 4:00 p.m.

Multipurpose Room

University Union

- 8:30 a.m. **Electrochemistry of Ferritin Adsorbed on 8-Mercaptooctanoic Acid-Modified Gold Electrodes**
MPR-C Nicole L. Ritzert
College of Health, Environment and Science
- Inhibiting Effects of Catechin Gallate on α -Amylase According to Michaelis-Menten Kinetics**
Cory A. Smith, and Amanda L. McKenna
College of Health, Environment and Science
- Arthrofibrosis in a Collegiate Soccer Player Following ACL Reconstruction; Five Surgeries in Sixteen Months**
Ashley N. Winkelspecht
College of Health, Environment and Science
- Examining Fitness Levels of Physical Education and Exercise Science Students at Slippery Rock University**
Brian D. Johns
College of Health, Environment and Science
- 2:00 p.m. **Gut Histology of the Feeding Woolly Bear Caterpillar (Pyrrharctia Isabella)**
MPR-C Edward J. Fuchs
College of Health, Environment and Science
- 4:00 p.m. **Orbital and Facial Glands of the Red Salamander, Pseudotriton Ruber (Plethodontidae)**
MPR-C Bridgette S. Jewell
College of Health, Environment and Science
- Personality Profile of Division II Collegiate Athletes**
Jenna Micsky, Kiera Robertson, Michelle Park, Trina Cicco, and Kristina Newmeyer
College of Health, Environment and Science

FRIDAY, APRIL 3, 2009

MORNING: ORAL PRESENTATIONS

8:00 a.m. - 11:00 a.m.

Multipurpose Room
University Union

- 8:00 a.m. **A Graphical User Interface in Java for the Hercules Robot**
MPR-A Daniel Bly, John Corrado, Joe Forsythe, and Josh White
College of Business, Information and Social Science
- 8:30 a.m. **Cajun/Zydeco Dance Meets the Two Step: A Study of the**
MPR-B **Transference and Transformation of Cajun and Zydeco Dancing**
from Louisiana to Los Angeles
Teresa L. DeBacco
College of Humanities, Fine and Performing Arts
- 9:00 a.m. **Histological Study of Taste Buds in the Adult Alligator**
MPR-A **Mississippiensis**
Janelle R. Zacherl
College of Health, Environment and Science
- 9:30 a.m. **Incorporating Ecology and Permaculture Principles into the**
MPR-B **Sustainable Design Process**
Shari Mastalski
College of Health, Environment and Science
- 10:00 a.m. **Give to Caesar what is Caesar's: Does the Separation of Church**
MPR-A **and State Lead to Discrimination or Favoritism of Faith-Based**
Organizations?
Benjamin Bergfelt, and Sandra Apsey
College of Business, Information and Social Science
- 10:30 a.m. **Survey of the Students' Expectations of the Quality of the Residence**
MPR-B **Halls at Slippery Rock University**
Michael A. Cain, Elizabeth L. Anderson, Michael J. Hughes, and
John M. McGonigal
College of Business, Information and Social Science
- 11:00 a.m. **Seymour's "Bananafish" and the Cultural Stigmas Associated with**
MPR-A **PTSD**
Kayla M. Hersperger
College of Humanities, Fine and Performing Arts

FRIDAY, APRIL 3, 2009

AFTERNOON: ORAL PRESENTATIONS

11:30 a.m. - 2:30 p.m.

Multipurpose Room

University Union

- 11:30 a.m. **SRU/SGA Child Care Services**
MPR-B Kimberly L. Aubele, Errol N. Robinson, Jameson Burnworth, and Samuel A. Raneri
College of Business, Information, Social Science
- 12:00 p.m. **A Critical Survey on the FPGA Implementation of a VGA Enabled MIPS RISC Processor**
MPR-A Daniel R. Bly, Michael C. Komisin, and Brian B. Turner
College of Business, Information, Social Science
- 12:30 p.m. **Library of the Future**
MPR-B Arika Graham, Brandon Curtis, John Daley, and Phillip Minshull
College of Business, Information, Social Science
- 1:00 p.m. **Limiting Democracy: Have Modern Election Laws Harmed Third Parties in the United States?**
MPR-A Ryan D. McGregor
College of Business, Information, Social Science
- 1:30 p.m. **Significant Illustrations: A Closer Look at Art and Significant Form in Children's Books**
MPR-B Jamie L. Myers
College of Humanities, Fine and Performing Arts
- 2:00 p.m. **Death of the Philosopher King**
MPR-A Robert I. McVay
College of Humanities, Fine and Performing Arts
- 2:30 p.m. **Ukraine on the Edge: An Examination of Ukraine in the Ideological Division between Russia and the West**
MPR-B Lauren E. Wilhelm
College of Business, Information, Social Science

FRIDAY, APRIL 3, 2009

POSTER PRESENTATIONS

10:00 a.m. - 11:00 a.m.

Multipurpose Room

University Union

10:00 a.m. **Dancing Without Pain: The Dancer's Handbook for Injury Care**

MPR-C and Prevention

Colleen M. McBee

College of Humanities, Fine and Performing Arts

**Bad Lands Working Group 2008 - An Artist's Approach to
Landscape**

Dawn M. Wolfe

College of Humanities, Fine and Performing Arts

11:00 a.m. **Investigating Dark Energy**

MPR-C Andrew J. Ryan, and Emily A. Gamble

College of Health, Environment and Science

Theories of Galaxy Formation

Jesse J. Jennings

College of Health, Environment and Science

Our Cyclic Universe

Kathryn M. George

College of Health, Environment and Science

FRIDAY, APRIL 3, 2009

POSTER PRESENTATIONS

12:00 noon
Multipurpose Room
University Union

12:00 p.m. **The Efficiency of Solar Panel Generated Energy**

MPR-C Joseph H. McIlvenny

College of Health, Environment and Science

**Badlands Field Research, Total Organic Carbon Content and
Associated Soil Analysis**

Tyler Q. Martin, and Steve J. Yamnitsky

College of Health, Environment and Science

From the Badlands to the Darkroom

Joshua Hassan

College of Humanities, Fine and Performing Arts

**The National Aquarium: A Case Study in Media Relations,
Community Relations, and Public Relations Ethics**

Nicole M. Aguglia

College of Business, Information, Social Science

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