SCHEDULE OF
EVENTS

CELEBRATION OF
RESEARCH, SCHOLARSHIP, AND
CREATIVE ACTIVITIES
Friday, April 8, 2011

PREMIER SPONSOR
Office of Undergraduate Research and STEMM Activities
3640 Colonel Glenn Highway, Dayton, Ohio 45435-0001
(937) 775-4744

www.wright.edu/urop
Schedule of Events

Conference Check-In and Registration: 7:30 am—11:30 am
Student Union Atrium

Oral Presentation, Morning Session: 9 am—11:20 am
Student Union, E156, E157, E163

Poster Presentations and Lunch: 11:40 am—1:30 pm
Apollo Room, Student Union

Oral Presentations, Afternoon Session: 1:45—3:45 pm
Student Union, E156 A
COLA Dean’s Colloquium, E156B
<table>
<thead>
<tr>
<th>Student</th>
<th>Faculty Mentor</th>
<th>Department</th>
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<tbody>
<tr>
<td>Arpan Patel</td>
<td>Dr. Julie Skipper</td>
<td>Biomedical, Industrial and Human Factors Engineering (BIE)</td>
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<td></td>
<td><strong>Title:</strong> Bone-Based Biometrics</td>
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<tr>
<td>Gregory Noble</td>
<td>Dr. Frank Ciarallo</td>
<td>BIE</td>
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<td>9:20</td>
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<td></td>
<td><strong>Title:</strong> A Two-Echelon Inventory System with Quantity Discounts and Transshipments</td>
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<tr>
<td>Dishita Patel</td>
<td>Dr. Tarun Goswami</td>
<td>BIE</td>
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<td>9:40</td>
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<td></td>
<td><strong>Title:</strong> Influence of Design Parameters on Cup-Stem Orientations for Impingement free RoM in Hip Implants</td>
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<tr>
<td>Daniel Reese</td>
<td>Dr. Tarun Goswami</td>
<td>BIE</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Biomechanics of Lumbar Fixation Devices (Pedicle, Facet, Inter-spine)</td>
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<tr>
<td>Keith Saum</td>
<td>Dr. Tarun Goswami</td>
<td>BIE</td>
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<td>10:20</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Mathematical Modeling as a Means of Predicting Cervical Spine Injuries</td>
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<tr>
<td>Yogendra Patil</td>
<td>Dr. Kuldip Rattan</td>
<td>Electrical Engineering</td>
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<td>10:40</td>
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<td></td>
<td><strong>Title:</strong> Localization of Autonomous Robotic Systems in indoor locations</td>
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### Session 2: E156B

**Session Chair:** Dr. Kate Excoffon

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<th>Time</th>
<th>Student</th>
<th>Faculty Mentor</th>
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<tr>
<td>9:20</td>
<td>Jennifer Bauer</td>
<td>Dr. Jeffrey Peters</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Investigating sources of intron nucleotide diversity</td>
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<tr>
<td>9:40</td>
<td>Brittany Reinert</td>
<td>Dr. Lynn Hartzler</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Body Fat Measurement Variance</td>
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<tr>
<td>10:00</td>
<td>Kelly Conti</td>
<td>Dr. Paula Bubulya</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Investigating the association between emerin and Btf</td>
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<tr>
<td>10:20</td>
<td>Abimbola Kolawole</td>
<td>Dr. Kate Excoffon</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Coxackievirus and adenovirus receptor interacts with the PDZ3 domain of MAGI-1</td>
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<tr>
<td>10:40</td>
<td>Kyle Lewis</td>
<td>Dr. Kate Excoffon</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Localization of MAGI-1 domains in non-polarized cells</td>
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<tr>
<td>11:00</td>
<td>Poorninma Kotha Laskshmi Narayan</td>
<td>Dr. Kate Excoffon</td>
<td>Biological Sciences</td>
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<tr>
<td></td>
<td><strong>Title:</strong> Adeno-associated virus tropism in hematopoietic cells</td>
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<td>Time</td>
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<td>Faculty Mentors</td>
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<tr>
<td>9:00</td>
<td>Joshua Baker</td>
<td>Dr. Ioana Pavel</td>
<td>Chemistry</td>
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<tr>
<td>9:20</td>
<td>Marjorie Markopoulos</td>
<td>Dr. Ioana Pavel</td>
<td>Chemistry</td>
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<tr>
<td>9:40</td>
<td>Nora Hunter</td>
<td>Dr. Ioana Pavel</td>
<td>Chemistry</td>
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<tr>
<td>10:20</td>
<td>Jessica Daguer</td>
<td>Dr. Ioana Pavel</td>
<td>Chemistry</td>
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<tr>
<td>10:40</td>
<td>Adam Stahler</td>
<td>Dr. Ioana Pavel</td>
<td>Chemistry</td>
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<tr>
<td>11:00</td>
<td>Jennifer Hays</td>
<td>Dr. Tom Rooney and Dr. Peters</td>
<td>Biological Sciences</td>
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<tr>
<td>Student</td>
<td>Faculty/Research Mentor</td>
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<tr>
<td>Elizabeth Swartzwelder (9)</td>
<td>Dr. Lisa Kenyon</td>
<td>Biological Sciences</td>
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<tr>
<td><strong>Title:</strong> The Purpose and Variation of Students’ Explanations in Scientific</td>
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<tr>
<td>Samuel Kantonen (9:20)</td>
<td>Dr. Julian Gomez-Cambronero</td>
<td>Biochemistry and Molecular Biology</td>
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<tr>
<td><strong>Title:</strong> Elucidation of a Novel Signaling Pathway Involving PLD2 and Grb2 in WASp Mediated Phagocytosis</td>
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<tr>
<td>Brittany Stewart (9:40)</td>
<td>Dr. Heather Hostettler</td>
<td>Biochemistry and Molecular Biology</td>
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<tr>
<td><strong>Title:</strong> Acyl-CoA Binding Protein (ACBP) also Binds Fatty Acids</td>
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<tr>
<td>Amanda Lutter (10)</td>
<td>Dr. Courtney Sulentic</td>
<td>Pharmacology and</td>
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<tr>
<td><strong>Title:</strong> Determining the relationship between Celiac disease and the polymorphic hs1,2 enhancer of the 3’IgH regulatory region</td>
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<tr>
<td>Monita Sharma (10:20)</td>
<td>Dr. Courtney Sulentic and Dr. Hussain</td>
<td>Pharmacology and Toxicology</td>
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<tr>
<td><strong>Title:</strong> Modulation of NF-kappa B pathway by Gold Nanoparticles in in-vitro cell models</td>
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<tr>
<td>Amanda Rowley (10:40)</td>
<td>Dr. Annette Canfield</td>
<td>College of Nursing and Health</td>
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<tr>
<td><strong>Title:</strong> Reiki in Nursing</td>
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<tr>
<td>Elizabeth Peyton (11:00)</td>
<td>Dr. Debra Steele-Johnson</td>
<td>Psychology</td>
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<tr>
<td><strong>Title:</strong> An Examination of the Relationship Between Leadership and Inclusive Language</td>
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### Session 5: E163B
Session Chair: Dr. K.T. Arasu

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<tr>
<th>Student</th>
<th>Faculty Mentor</th>
<th>Department</th>
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<tbody>
<tr>
<td>Jaclyn Klaus, Deepthi Nalluri</td>
<td>Dr. Chad Hammerschmidt</td>
<td>Earth and Environmental Science</td>
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<tr>
<td><em>Title:</em> Atlantic Ocean Cruise 2010: Studying Mercury Biogeochemistry</td>
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<tr>
<td>Katlin Bowman</td>
<td>Dr. Chad Hammerschmidt</td>
<td>Earth and Environmental Science</td>
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<tr>
<td><strong>9:20</strong></td>
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<tr>
<td><em>Title:</em> Mercury speciation in the eastern North Atlantic: U.S. GEOTRACES Zonal Section</td>
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<tr>
<td>Akhilesh Pathak</td>
<td>Dr. K.T. Arasu</td>
<td>Mathematics and Statistics</td>
</tr>
<tr>
<td><strong>9:40</strong></td>
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<tr>
<td><em>Title:</em> Optimization of the Entropy Defined for an Orthogonal Matrix</td>
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<tr>
<td>Ahmed Hassan</td>
<td>Dr. Amir Farajian</td>
<td>Mechanical and Materials Engineering</td>
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<td><strong>10:20</strong></td>
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<tr>
<td><em>Title:</em> Graphene nonoribbons for NO2 sensing</td>
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<tr>
<td>Kirti Kant Paulla</td>
<td>Dr. Amir Farajian</td>
<td>Mechanical and Materials Engineering</td>
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<td><strong>10:40</strong></td>
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<tr>
<td><em>Title:</em> Conductance modulation in bilayer graphene nonoribbons</td>
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<td>Scott Eastbourn</td>
<td>Dr. Rory Roberts</td>
<td>Mechanical and Materials Engineering</td>
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<td><strong>11:00</strong></td>
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<tr>
<td><em>Title:</em> Aircraft Thermal Modeling</td>
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<td>9:00</td>
<td>Kalana Bartmess</td>
<td>Tracy Longley-Cook</td>
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<td></td>
<td>Title: And We Wander Through: A Photographic Exploration of Space and Impermanence</td>
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<td>9:20</td>
<td>Kristen Fisher</td>
<td>Erin Flanagan</td>
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<td></td>
<td>Title: Freedom of Revision</td>
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<td>9:40</td>
<td>Christopher Witeo</td>
<td>Erin Flanagan</td>
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<td>Title: Detective Work: Revision and Writing</td>
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<td>10:00</td>
<td>Nicolas Waggy</td>
<td>Sean Pollock</td>
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<td></td>
<td>Title: Guns, Steamers, and Quinine: The lasting effects of European expansion in the 19th century</td>
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<td>10:20</td>
<td>Jay Taylor</td>
<td>Dr. Nicole Richter</td>
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<td></td>
<td>Title: The Importance Of Cinema Theory Within WSU And The World</td>
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<tr>
<td>10:40</td>
<td>Ibrahim Nambiemba</td>
<td>Dr. December Green</td>
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<td>Title: Counting Vote and Bodies: Election-Related Violence in Africa and Power-Sharing Governments</td>
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<td>11:00</td>
<td>Eicka Moore</td>
<td>Dr. Jacqueline Bergdahl</td>
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<td>Title: Long-Term Psychosocial Outcomes of Bariatric Surgical Weight Loss</td>
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<td>1:45</td>
<td>Sue Hueston</td>
<td>Dr. Tarun Goswami</td>
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<td>2:05</td>
<td>Shirishkumar Inga-wale</td>
<td>Dr. Tarun Goswami</td>
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<td>2:25</td>
<td>Paige King, Brandon Walters</td>
<td>Dr. Tarun Goswami</td>
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<td>2:45</td>
<td>Isaac Mabe</td>
<td>Dr. Tarun Goswami</td>
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<td>3:05</td>
<td>Mbulelo Makola</td>
<td>Dr. Tarun Goswami</td>
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<td>3:25</td>
<td>Melissa Jones</td>
<td>Dr. Chandler Philips</td>
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<td>1:45</td>
<td>Stephen Rumbaugh</td>
<td>Dr. Erin Flanagan</td>
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<td><em>Title: The Society Project</em></td>
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<td>2:05</td>
<td>Alex Elkins</td>
<td>Dr. Laura Luehrmann</td>
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<td><em>Title: Installing Shanghai’s Software: Building a Competitive City for the 21st Century</em></td>
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<td>2:25</td>
<td>Steven Saus</td>
<td>Dr. Jacqueline Bergdahl</td>
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<td><em>Title: Evaluating the Impact of Anti-Prejudicial</em></td>
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<td>2:45</td>
<td>Jade McDaniel</td>
<td>Dr. Barry Milligan</td>
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<td><em>Title: Burning the Mirror: Eavan Boland’s Female Icon</em></td>
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<td>3:05</td>
<td>Laura Kellogg</td>
<td>Dr. Christopher Chaffee</td>
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<td><em>Title: rapid fire for solo flute by jennifer higdon and Its Place in the Flute Repertoire</em></td>
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</tbody>
</table>
Posters

Biochemistry and Molecular Biology
Shandra Basil
Title: p53 Activation of YPEL5 and its Impact on Tumor Cell Growth
Undergraduate Student in Biological Sciences
Mentor: Steven Berberich, Biochemistry and Molecular Biology

Brittany Stewart
Title: Acyl-CoA Binding Protein (ACBP) also Binds Fatty Acids
Undergraduate Student in Earth and Environmental Science
Mentor: Heather Hostetler, Biochemistry and Molecular Biology

Biological Sciences
Cortney Campbell
Title: Food diary strategies for body fat loss
Undergraduate Student in Biological Sciences
Mentor: Lynn Hartzler, Biological Sciences

Brittany Damron
Title: Abundance and trends of woodpecker populations in the Wright State Biology Preserve
Undergraduate Student in Biological Sciences
Mentor: Tom Rooney, Biological Sciences

Brittany Reinert
Title: Body Fat Measurement Variance
Undergraduate Student in Biological Sciences
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: Lynn Hartzler, Biological Sciences

Sydney Wiltshire
Title: Novel Coxsackievirus and adenovirus receptor interacting partners
Undergraduate Student in Biomedical Engineering
Mentor: Katherine Excoffon, Biological Sciences

Laurie Wissler
Title: Carbon sequestration in soils of the Wright State University Biology Preserve
Undergraduate Student in Biological Sciences
Mentor: Tom Rooney, Biological Sciences

Ran Yan
Title: Synthesis of the CAR c-terminus and MAGI-1 PDZ domains proteins
Graduate Student in Biological Sciences
Mentor: Katherine Excoffon, Bio-
Biomedical, Industrial, and Human Factors Engineering

Kelly Swartzmiller
Title: A Simple Mock Circulatory System for Testing Direct Mechanical Ventricular Actuation
Undergraduate Student in Biomedical Engineering
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: David Reynolds, Biomedical, Industrial, and Human Factors Engineering

Chemistry

Zachary Arnold
Title: Comparative cytotoxicological study of ionic silver and silver nanoparticles using an MTT bioassay
Undergraduate Student in Chemistry
Mentor: Ioana Pavel, Chemistry

Jeffrey Fogle
Title: Bis(2-Fluorophenyl) Substituted PPV
Graduate Student in Chemistry
Mentor: William Feld, Chemistry

Allie Meyerhoefer
Title: Measuring the analytical and surface enhancement factors in SERS: A novel physical chemistry and nanotechnology laboratory experiment
Undergraduate Student in Chemistry
Mentor: Ioana Pavel, Chemistry

Paul Repasky
Title: 1H and 13C NMR Determination of the β-Carbon and Proton in α,β-Unsaturated Benzylidene Oxindoles
Graduate Student in Chemistry
Mentor: Daniel M. Ketcha, Chemistry

Huong Hoang
Title: Determination of the kinetic parameters of BB’B” monomers utilised to prepare hyperbranched poly(arylene ether)
Undergraduate Student in Chemistry
Mentor: Eric Fossum, Chemistry

Tai Lam
Title: Spectroscopic investigations of sublethal doses of platinum group metals on chick embryo bone development
Undergraduate Student in Clinical Laboratory Science
Mentor: Ioana Pavel, Chemistry

Ryan Selhorst
Title: Acylation of sydnones using metal triflate catalysts
Undergraduate Student in Biomedical Engineering
Mentor: *Kenneth Turnbull, Chemistry*

Michael Smith
Title: *Effects if crystal orientation on the dissolution kinetics of calcite surfaces by an atomic emission spectroscopic and interferometric approach*
Graduate Student in Chemistry
Mentor: *Steve Higgins, Chemistry*

Triet Truong
Title: *DNA barcoding of sea turtle leeches (Ozobranchus spp.) in Florida coastal waters*
Undergraduate Student in Chemistry
Mentor: *Audrey E. McGowin, Chemistry*

**College of Nursing and Health**

Dana Adrian
Title: *Perceptions and Opinions of Registered Nurses Who Separated from the Air Force*
Graduate Student in Nursing
Mentor: *Perla R. Ilagan, College of Nursing and Health*

Joseph Bertke
Title: *Clinical Nurse Leader Project Proposal*
Graduate Student in Nursing
Mentor: *Sherrill Smith, College of Nursing and Health*

Linda Borns
Title: *Improving Communication with Patients with The Daily Plan*
Graduate Student in Undecided
Mentor: *Sherrill Smith, College of Nursing and Health*

Matthew Boyer
Title: *Preventing congestive heart failure readmission through education and early symptom mitigation*
Graduate Student in Nursing
Mentor: *Perla Ilagan, College of Nursing and Health*

Beth Campbell
Title: *Consideration for Hospice Palliative Care at End of Life: Advancing Physician Referrals*
Graduate Student in Nursing
Mentor: *Sherrill Smith, College of Nursing and Health*

Karey Dufour
Title: *Standardized Patient Hand-off Checklist and Patient Safety*
Graduate Student in Nursing
Mentor: *Perla R. Ilagan, College of Nursing and Health*

Cassandra Fishbein
Title: *Childhood Obesity and Physical Activity*
Graduate Student in Nursing
Mentor: *Perla R. Ilagan, College of Nursing and Health*
Cindra Holland
Title: Implementation and Evaluation of a UHC/AACN Nurse Residency Program™ at a Tertiary Care Center
Graduate Student in Nursing
Mentor: Gail Moddeman, College of Nursing and Health

Keri Lawson
Title: Nurses’ Perceptions of Analgesics and Sedatives in End-of-Life Care
Graduate Student in Nursing
Mentor: Perla Ilagan, College of Nursing and Health

Kelly Morgan
Title: Critical Tubes
Graduate Student in Nursing
Mentor: Sherrill Smith, College of Nursing and Health

Chinedu Njoku
Title: Influence Of Nutrition on sickle cell crisis
Graduate Student in Nursing
Mentor: Perla Ilagan, College of Nursing and Health

Lisa Russell
Title: The Universal Power of Reiki
Undergraduate Student in Nursing
Participant in:
Mentor: Sherrill Smith, College of Nursing and Health

Pamela Tolmoff
Title: The Impact of Child Life Interventions on the Anxiety Level of Pediatric Asthma Patients
Graduate Student in Nursing
Mentor: Perla R. Ilagan, College of Nursing and Health

Talena Ullery
Title: Emergency Department Nurses’ Perceptions of Workplace violence
Graduate Student in Nursing
Mentor: Perla Ilagan, College of Nursing and Health

Tronica Wheeler
Title: Development of CAUTI Protocol
Graduate Student in Nursing
Mentor: Sherrill Smith, College of Nursing and Health

Computer Science

Michael Cooney
Title: Real Time Feature Streams
Undergraduate Student in Computer Science
Mentor: Amit Sheth, Computer Science

Ashwin Kumar Manjunatha
Title: Cloud Mobile Hybrid Application
Graduate Student in Computer Engineering
Mentor: Amit Sheth, Computer Science
Earth & Environmental Sciences
Katlin Bowman
Title: Decomposition of methylmercury in surface water of the northwest Atlantic Ocean
Graduate Student in Earth and Environmental Science
Mentor: Chad Hammerschmidt, Earth & Environmental Sciences

Matthew Konkler
Title: Methylmercury in Mosquitoes: Impact of a Large Coal-Fired Electrical Utility in Central Ohio
Graduate Student in Earth and Environmental Science
Mentor: Chad Hammerschmidt, Earth & Environmental Sciences

Robbie Weller
Title: Methylmercury in Plankton on the Continental Margin of the Northwest Atlantic Ocean
Undergraduate Student in Biological Sciences
Mentor: Chad Hammerschmidt, Earth & Environmental Sciences

Economics
Nikolaus Williams
Title: Survey of Unemployment and Unemployment Insurance in Germany, Sweden, and the United States in Economics

Electrical Engineering
Edmund Velten
Title: A.W.S.U.M.M.O.W.
Undergraduate Student in Electrical Engineering
Mentor: Kuldip Rattan, Electrical Engineering

Emergency Medicine
Megan Woods
Title: ATP stimulation of volume regulation in cultured human astrocytoma cells.
Post-Baccalaureate Student in GRAD-PREP
Mentor: Jim Olson, Emergency Medicine

Mechanical and Materials Engineering
Cory Knick
Title: Modeling Exfoliation of Nano Graphene Platelets
Undergraduate Student in Materials Science and Engineering
Mentor: Amir Farajian, Mechanical and Materials Engineering

Neuroscience, Cell Biology and Physiology
Rebecca Bricker
Title: Cloning of Human Podocin cDNA
Undergraduate Student in Biological Sciences
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: Thomas L. Brown, Neuroscience, Cell Biology and Physiology

Lan-Anh Bui
Title: Changes to Kv3.1, Kv3.1b, Kv4.3, SK3, HCN1, HCN2, and HCN4 Ion Channels in Dorsal Root Ganglion Following Peripheral Nervous System Injury
Undergraduate Student in Biological Sciences
Mentor: Robert Fyffe, Neuroscience, Cell Biology and Physiology

Erica Carey
Title: Cloning of Podocyte-Specific hACE2
Undergraduate Student in Biological Sciences
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: Thomas L. Brown, Neuroscience, Cell Biology and Physiology

Scott Sieber
Title: An Effective Delayed Treatment for Ischemic Stroke uses Drug Combination of Fluoxetine, Simvastatin and Ascorbic Acid
Graduate Student in Pharmacology and Toxicology

Mentor: Adrian Corbett, Neuroscience, Cell Biology and Physiology

Pathology
Davida' Morrow
Title: Specific peptide/toxin fusion protein for potential individualized therapy in chronic lymphocytic leukemia
Post-Baccalaureate Student
Participant in: GRAD-PREP
Mentor: Osvaldo Lopez, Pathology

Pharmacology and Toxicology
Mahmoud Alghamri
Title: Echocardiography shows impaired cardiac function in ACE2 knockout mice
Graduate Student in Visual Arts Education
Mentor: Mariana Morris, Pharmacology and Toxicology

Sybil Andrieux
Title: Hippocampal Neurogenesis in Ames Dwarf Mice
Post-Baccalaureate Student
Participant in: GRAD-PREP
Mentor: Mariana Morris, Pharmacology and Toxicology

Danielle Barnhart
Title: Increased body fat in angiotensin converting enzyme 2 (ACE2) knockout mice
Undergraduate Student in Biological Sciences
Mentor: Mariana Morris, Pharmacology and Toxicology

Rachel Brame
Title: Suncus murinus and 8-OH-DPAT
Undergraduate Student in Biological Sciences
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: James Lucot, Pharmacology and Toxicology

Sharon Ochs
Title: Pax5 may mediate TCDD-induced differences in transcriptional regulation of the mouse and human hs1,2 enhancer
Graduate Student in Pharmacology and Toxicology
Mentor: Courtney Sulentic, Pharmacology and Toxicology

Jayharsh Panchal
Title: Role of the 3'IgHRR in TCDD-induced suppression of the immunoglobulin heavy chain
Graduate Student in Biological Sciences
Mentor: Courtney Sulentic, Pharmacology and Toxicology

Naima Rodwan
Title: Fructose consumption enhances body fat and sympathetic innervation
Graduate Student in Pharmacology and Toxicology

Leonette Lee
Title: Low dose sarin on brain monoaminergic activity: comparison of mouse strains
Post-Baccalaureate Student
Participant in: GRAD-PREP
Mentor: James Lucot, Pharmacology and Toxicology

Michael Wourms
Title: Evidence of AhR-dependent suppression of immunoglobulin expression
Graduate Student in Pharmacology and Toxicology
Mentor: Courtney Sulentic, Pharmacology and Toxicology

Political Science
Ashley Kitchen
Title: Rape as a Weapon of War: Military Perpetration
Graduate Student in Political Science
Mentor: December Green, Political Science

Psychology
Heather Booth
Title: L-DOPA REVERSES FETAL BEHAVIORAL DEFICITS IN THE PITX3 MOUSE MODEL OF PARKINSON’S DISEASE
Graduate Student in Psychology
Participant in: GRAD-PREP
Mentor: Gale A. Kleven, Psychology

Rayne Bozeman
Title: Examining Ingroup Biases Related to Antigay Prejudice
Undergraduate Student in Psychology
Mentor: Martin Gooden, Psychology

Riaun Floyd
Title: Does continuous activation of the BNST induce the onset of passive phase behavior?
Post-Baccalaureate Student
Participant in: GRAD-PREP
Mentor: Michael Hennessy, Psychology

Priyanka Joshi
Title: Enriched open field environment facilitates exercise and social interaction in two strains of laboratory guinea pig (Cavia Porcellus)
Graduate Student in Psychology
Mentor: Gale A. Kleven, Psychology

Lindsey Keene
Title: Patterns of Behavioral Development after Low-Dose Prenatal Toxin Exposure
Graduate Student in Psychology
Mentor: Gale A. Kleven, Psychology

Cristina Kirkendall
Title: Examining the Factor Structure of Workplace Aggression: Toward a More Parsimonious Model
Graduate Student in Psychology
Mentor: Nathan Bowling, Psychology

Lianna Lhamon
Title: The Impact of Warnings on Simulated Applicant Personality Scores
Undergraduate Student in Psychology
Participant in: Summer Undergraduate Research, Scholarship and Creative Activities Program
Mentor: Gary Burns, Psychology

Brian Michael
Title: Personality as a Moderator of the Cooperation-Conflict Relationship
Graduate Student in Psychology
Mentor: Debra Steele-Johnson, Psychology

Molly Miklasevich
Title: The Effects of Choline Supplements on Acquisition and Extinction of the Conditioned Eyeblink Response in Young Rats
Undergraduate Student in Psychology
Mentor: Dragana Claflin, Psychology

Emily Polander
Title: *Using Persuasion to Promote a More Hospitable STEM Work Climate*
Graduate Student in Psychology
Mentor: Tamera Schneider, Psychology

Kevin Schmidt
Title: *Effects of Postnatal Choline Supplementation on Open Field Behavior in Developing Rats*
Undergraduate Student in Psychology
Mentor: Dragana Claflin, Psychology

**Social Work**

Megan Fisher
Title: *Latina Immigrants and the UDHR*
Undergraduate Student in Social Work
Mentor: Sarah Twill, Social Work

Tara Purvis
Title: *Weed and Seed: Helping Detained Youth Grow Through Gardening*
Undergraduate Student in Social Work
Mentor: Sarah Twill, Social Work
CELEBRATION OF RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

Friday, April 8, 2011

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