2016 Summer Interns,

We hope you enjoyed your time here at MU this summer and are enjoying the start of the school year at your home institutions. We put together a little recap of all the events that were held throughout the summer for you to look back on.
Team Challenge

June 1, 2016
Intern/Mentor BBQ

June 8, 2016
Bingo Night

July 6, 2016
Egg Drop Challenge

July 20, 2016
Summer Undergraduate Research & Creative Achievements Forum
Summer Undergraduate Research & Creative Achievements Forum
July 28, 2016
University of Missouri - Summer 2016 Undergraduate Research Internship Program
Educational Activities and Social Programming

ORIENTATION & LOGISTICAL SESSIONS
- Welcome Dinner (May 31)
- Intern Orientation (June 1)
- Mizzou Team Challenge (June 1)
- Environmental Health & Safety for Chemical Workers (June 2)
- Abstract and Poster Workshop (July 13)
- Wrap-Up Meeting (July 28)

EVENING SEMINARS (Tuesdays & Thursdays)
<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker(s)</th>
<th>Topic</th>
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<tr>
<td>June 2</td>
<td>Dr. Eric Lentz</td>
<td>&quot;Recording Your Research in a Bibliographic Citation&quot;</td>
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<td>June 7</td>
<td>Dr. Helen Sheehan, Psychology &amp; Animal Science</td>
<td>&quot;Adventures with the Missing 'Link'&quot;</td>
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<td>June 8</td>
<td>Dr. Tom Phillips, Biological Sciences</td>
<td>&quot;Lab Essentials for Science Students&quot;</td>
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<td>June 14</td>
<td>Dr. Tarek Hashem, Physics &amp; Astronomy</td>
<td>&quot;The Effects of Stress on the Noradrenergic System on Cognition, and Its Role in Development&quot;</td>
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<td>June 16</td>
<td>Dr. David Weisgard, Radiology, Psychology</td>
<td>&quot;Understanding the Impact of Methamphetamine on Cognitive Function&quot;</td>
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<td>June 21</td>
<td>Dr. Koven King, Physics &amp; Astronomy</td>
<td>&quot;Neuroscience of Religious Experience: Merging the Sciences and Humanities&quot;</td>
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<td>June 23</td>
<td>Dr. Brink Johnson, Health Psychology</td>
<td>&quot;Reasonable Conduct of Research Policies&quot;</td>
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<td>June 28</td>
<td>Faculty Panel</td>
<td>&quot;Reasonable Conduct of Research Policies&quot;</td>
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<td>July 5</td>
<td>Dr. Lee Ebert, Medicine; Dr. Kevin Weidman,</td>
<td>&quot;Medical Ethics - Medico-Legal&quot;</td>
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<td>Medicine</td>
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<td>July 7</td>
<td>Dr. Koven King, Physics &amp; Astronomy</td>
<td>&quot;Preparatory Work&quot;</td>
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<td>July 12</td>
<td>Dr. Chi-Ron Syu, Electrical &amp; Computer Engineering; Informatics Institute</td>
<td>&quot;Big Data - How Big is Big?&quot;</td>
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<td>July 14</td>
<td>Dr. Davis Wurtz, Psychological Sciences</td>
<td>&quot;What Happens When You Drink and Why You Should Care&quot;</td>
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<td>July 15</td>
<td>Dr. Charles McLellan, Physics &amp; Medicine</td>
<td>&quot;Brain, People, and Environmental Judgment&quot;</td>
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<td>July 20</td>
<td>Dr. Gowan Dament, Animal Sciences</td>
<td>&quot;Computational genomics and genomics: Recombinant evolution in a genome laboratory&quot;</td>
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* Required Reasonable Conduct of Research sessions

Small Group Seminar Options (Meeting weekly for an hour)
- Professional Development I: Professional Development Tasks for Sophomores & Juniors
  - Resumes, Personal Statements, Abstracts & Posters, Letters of Recommendation, Fellowships
- Professional Development II: Planning and Writing NSF Graduate Research Fellowships: Essays
  - Overview of the Application Process, Approaches to Generating Essays, Personal Statements, Broader Impacts
- Current Readings in Cancer Biology
- Plant Sciences: Challenges to sustainable food production and opportunities for plant research
- "A dime's-eye view of ants in molecular biology"
- "3D Modeling and Printing in Bioengineering: From Bones to New Joints"
- Medical School Small Group Seminar
  - Primary Care, Problem Based Learning, Child Psychiatry, Health Disparities, HIV/ AIDS
- Physics REU Student Meeting
- Neurosciences REU Student Meeting
- Biomaterials and High-Performance Computing REU Student Meeting
- Atomic and Molecular Research Training Summer School student meeting
Social Events and Other Activities

- Intern/Mentor BBQ (June 6)
- Trivia Night with Mentors (June 22)
- NJU Life Sciences & Professional Programs Expo featuring 30+ different programs at MJE (June 29)
- Bingo Social & Dinner (July 6)
- Egg Throwing Challenge (July 21)
- Summer Undergraduate Research & Creative Achievements Forum (July 28)
- End of the Summer Picnic with mentors and research team members (July 26)

Undergraduate Students officially part of the 2016 Summer Program

- 20 NJU students
- 50 Visiting Students

Funding Sources

- 15 NSF REU - Biocomplexity and High-Performance Computing
- 12 NSF REU - Neuroscience (visiting students)
- 12 Life Science Undergraduate Research Opportunity Program (NI students)
- 10 NSF REU - Physics
- 7 NJU Alcohol Research Training Summer School
- 7 NGSE Initiative for Maximizing Student Diversity EXPRESS (NJU students)
- 6 NMSU School (visiting students)
- 4 NSF EPSCoR (NJU students)
- 3 Cell & Molecular Biology (visiting students)
- 3 Department of Biochemistry (visiting students)
- 3 Miller Summer Program in Animal Science (visiting students)
- 2 NSF REU supplement - Comparative Biomedicine, Patology and Evolution (visiting students)
- 1 Undergraduate Research in SWATgrass Ecology & Genetics (NJU) (NJU students)

34 additional students presented research at the Summer Forum

Dates for Summer 2017

- February 15: Student Applications Due
- May 30: Arrival/Welcome Dinner
- June 1: Student Orientation
- July 27: Undergraduate Research Forum
- July 28: Wrap-Up Day
- July 29: Departure
Home Institutions of the 2016 Summer Interns:

- Adelphi University
- Albany State University
- Arizona State University
- Barry University
- Case Western Reserve University
- Central Michigan University
- Cerritos College
- Clarion University
- Clemson University
- East Tennessee State University
- Furman University
- Grinnell College
- Hastings College
- Illinois Institute of Technology
- Indiana University - Purdue University Indianapolis
- Kansas State University
- Los Medanos College
- Luther College
- Missouri University of Science and Technology
- New Mexico State University
- Oberlin College
- Oklahoma State University
- Pacific Lutheran University
- Rockhurst University
- San Francisco State University
- Southeast Missouri State
- Southwestern College
- Stetson University
- Tougaloo College
- Truman State University
- Tulane University
- Tuskegee University
- Universidad Metropolitana
- University of California - Berkeley
- University of California - Los Angeles
- University of Kansas
- University of Massachusetts Amherst
- University of Missouri
- University of Puerto Rico - Mayaguez
- University of Southern Indiana
- The University of Texas at El Paso
- University of the Virgin Islands
- University of Waterloo, Ontario
- University of Western Cape, South Africa
- Washington University
- Westminster College
- Xavier University of Louisiana

2016 Summer Staff:

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