Important Dates:

**URCA proposals** are due by October 1st for funding for Spring 2018.

**GE URCA proposals** are due by October 1st for funding for Spring/Summer I 2018.

**SNCURCS (State of NC Undergraduate Research and Creativity Symposium)** will be held on November 4th on the campus of Campbell University. Abstract deadline: **October 18th**

**2018 Posters on the Hill** in Washington, DC is accepting applications until November 1, 2017. Date of event: TBA

Inside this Issue:

- Updates
- Recaps
- Faculty & Student Opportunities
- URCA and AiR recipients

We've Moved!

Come visit us at our new location in 130 Shaw Residence Hall (The Quad).

RECAP from 2017

NCUR 2017 EXPO 2017

Last year six undergraduate researchers and Dr. Lee Phillips travelled to Memphis, Tennessee to participate in the National Conference of Undergraduate Research (NCUR).

The National Conference on Undergraduate Research (NCUR) is dedicated to promoting undergraduate research, scholarship, and creative activity in all fields of...
study by sponsoring an annual conference for students.

The National Conference on Undergraduate Research (NCUR) offers a unique environment for the celebration and promotion of undergraduate student achievement through research. The annual event provides models of exemplary research and scholarship, opportunities for students to build networks, and has a large graduate school fair.

**Holly Brown (Sociology)**  
Mentor: Stephen Sills  
Title: Poor Housing and Poor Health: Housing Conditions in Greensboro, NC

**Itane Coleman (African American & Diaspora Studies/Political Science)**  
Mentor: Sarah Cervenak  
Title: To be Black, Female, and Already Dead: Black Women, Discourses on Value, and Disposability

**Madeline Parrish (Classical Studies)**  
Mentor: Jon Zarecki  
Title: Velleius’ Tiberious: A Literary Analysis of the Extent a Soldier will Go to Preserve the Reputation of his Deranged Leader

**Ena Prskalo (Sociology)**  
Mentor: Joanne Murphy  
Title: The Deviant Burials of Classical Athens

**Melissa Roberts (Sociology)**  
Mentor: Stephen Sills  
Title: Inconsistency and Inequality in LGBTA Housing: A Fair Housing Study

**Elizabeth Wilson and Victoria P. Johnson (Anthropology)**  
Mentor: Charles Egeland  
Title: Taphonomic and Geological Approaches to the Identification of in situ versus ex situ Archaeological Material: A Case Study from BK East, Bed II, Olduvai Gorge

The 32nd Annual National Conference on Undergraduate Research will be held on April 4th-7th at the University of Central Oklahoma. **Abstracts are due December 5th, 2017.** URSCO will be sending reminder emails as it gets closer to December.

In the meantime, please feel free to visit the NCUR 2018 website for more information.

[http://www.cur.org/conferences_and_events/student_events/ncur_2018/](http://www.cur.org/conferences_and_events/student_events/ncur_2018/)
### Humanities, Business, Behavioral and Social Sciences

<table>
<thead>
<tr>
<th>Place</th>
<th>Name(s)</th>
<th>Faculty Mentor</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>Elexis Cole and Anna Sizemore (Psychology)</td>
<td>Thanujeni Pathman</td>
<td>“Autobiographical Memory Narratives and the Developing Brain”</td>
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<tr>
<td>2nd</td>
<td>Sarah Pittman (Archaeology)</td>
<td>Joanne Murphy</td>
<td>“Testing Survey Validity and Recreating Site Function in the Kea Archaeological Research Survey”</td>
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<tr>
<td>3rd</td>
<td>Natalia Husby (Psychology)</td>
<td>Gabriela Stein</td>
<td>“Examining the Effects of Foreign-Based Discrimination on Academic Motivation of Latino Adolescents”</td>
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<td></td>
<td>Amanda Baeten (Psychology)</td>
<td>Blair Wisco</td>
<td>“The Association between Co-rumination and Social Anxiety in an Adult Sample”</td>
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### Mathematics, Life and Physical Sciences

<table>
<thead>
<tr>
<th>Place</th>
<th>Name(s)</th>
<th>Faculty Mentor</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>1st</td>
<td>Nadjali Chung (Chemistry and Biochemistry)</td>
<td>Nadja Cech</td>
<td>“Mass Spectrometry as a Tool to Monitor Bacterial Growth”</td>
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<tr>
<td>2nd</td>
<td>Cory Henderson (Anthropology and Biology)</td>
<td>Charles Egeland</td>
<td>“Patterns of Hominin Land- Use and Raw Material Procurement in the Paleo-Olduvai Basin, Tanzania”</td>
</tr>
<tr>
<td>3rd</td>
<td>JD Manzo and Ashley Sanchez (Kinesiology)</td>
<td>Christopher Rhea</td>
<td>“Virtual Reality Obstacle Crossing Training for Potential Rehabilitative Advancements”</td>
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<td></td>
<td>Aaron Wagoner (Biology)</td>
<td>Matina Kalcounis-Ruppell</td>
<td>“Monitoring Wildlife Biodiversity at Wetland Restoration Sites on the University of North Carolina Greensboro (UNCG) Campus”</td>
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<td></td>
<td>Eni Minerali (Biology)</td>
<td>Kimberly Petersen</td>
<td>“Asymmetric Synthesis of Enantioenriched Cyclic Compounds”</td>
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</table>

### 2017 Expo: by the numbers
- 140 presentations
- 170 student authors/coauthors
- 83 faculty + 3 graduate student mentors
- 33 academic departments/programs
UNCG is an Enhanced Institutional Member of the Council on Undergraduate Research (CUR). *This allows any interested UNCG faculty, staff and students to join CUR as an individual member at no additional cost.* The Scholarship and Practice of Undergraduate Research (SPUR) (formerly CUR Quarterly) is available to all CUR members electronically.

**To sign-up** please visit: [https://members.cur.org/members_online/members/newmember.asp](https://members.cur.org/members_online/members/newmember.asp)

After you enter your name and title, please make sure to select *University of North Carolina at Greensboro* from the *Select Institution* drop down. It should alert you to the fact that your membership is covered, and then will prompt you to continue to add your contact information.

Please note that this membership will include an electronic subscription to the CUR Quarterly, but you may purchase a hard copy subscription by visiting: [https://members.cur.org/members_online/members/quarterly_subscriptions.asp](https://members.cur.org/members_online/members/quarterly_subscriptions.asp)

Once your membership is processed, you will receive a confirmation email and will be able to register for members only online access by visiting [https://members.cur.org/members_online/members/password.asp](https://members.cur.org/members_online/members/password.asp) to have a copy of your login information sent.

UNCG has adopted a resource that connects you to over 10,000 student conferences, journals, research and funding opportunities specifically for undergraduate researchers and honors students.

**About:** The Student Opportunity Center is an amazing resource for undergraduate researchers. By signing up, the user has the ability to customize their profile and tailor recommendations of scholarships, internships, and conferences based off major, location, university, and interests.

[https://www.studentopportunitycenter.com/signup/#/](https://www.studentopportunitycenter.com/signup/#/)
Offerings for Faculty and Graduate Students

October 16, 3:00 - 4:00:  Tips on Mentoring Undergraduates in Research and Creativity Inquiry

November 14, 11:30 - 1:00: High-Impact Practices Brown Bag

How to Create an Effective Poster Presentation
multiple sessions to fit your schedule

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<td>10/24</td>
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<td>10/26</td>
<td>10/27</td>
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<td>11/1</td>
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<td>1:00pm-2:00pm</td>
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</tbody>
</table>

Register at: https://workshops.uncg.edu/workshops.jsp?wks_id=44006012

URSCO’s Undergraduate Research Blog will be launching soon! This blog will highlight undergraduate talent at UNCG. We hope to help students promote their work and forge connections in the scholarly community. Please email our office if you are interested or know a student that should be highlighted.

Connect with us!

Twitter: @UNCG_URSCO
Facebook: UndergradResearchatUNCG
Linkedin: UNCG URSCO

URSCO is a unit within the University Teaching and Learning Commons

130 Shaw Residence Hall  (336)334-4776  ursco@uncg.edu
<table>
<thead>
<tr>
<th>Student</th>
<th>Faculty Mentor</th>
<th>Department</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>Dahlia Alharoor</td>
<td>Paul Silvia</td>
<td>Psychology</td>
<td>Daydreaming Styles and the Brain's Default Mode Network</td>
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<tr>
<td>Nathaniel Arnold</td>
<td>Chareles Egeland &amp; Jing Deng</td>
<td>Anthropology &amp; Computer Science</td>
<td>A database and exploratory analysis of social networks in the Stone Age</td>
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<tr>
<td>Amanda Chase</td>
<td>Chareles Egeland &amp; Jing Deng</td>
<td>Anthropology &amp; Computer Science</td>
<td>A database and exploratory analysis of social networks in the Stone Age</td>
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<tr>
<td>Brandon Combs</td>
<td>Linda Brady</td>
<td>Political Science</td>
<td><em>How does the nature of government and emerging democratic processes affect the ability of the United States to achieve our goals with regards to Russo-American Relations?</em></td>
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<td>Sara Duncan</td>
<td>Joanne Murphy</td>
<td>Classical Studies</td>
<td>*Fragility in a Complex State Society</td>
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<tr>
<td>Victor Fox</td>
<td>Blair Wisco</td>
<td>Psychology</td>
<td>A Novel Look at PTSD and Positive Emotion</td>
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<td>Margaret Gray</td>
<td>Denise Gabriel</td>
<td>Theatre</td>
<td>Mindfulness Arts Minful Actions</td>
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<td>Keia Harris</td>
<td>Carrie Rosario</td>
<td>Public Health Education</td>
<td>Examining the role of art-based approaches in building critical consciousness in young adults</td>
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<td>Amari Hobgood</td>
<td>Aneliese Dar</td>
<td>Sociology</td>
<td>Learning While Black</td>
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<td>Joshua Kellum</td>
<td>Denise Gabriel</td>
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<td>Mindfulness Arts Minful Actions</td>
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<td>Manead Khin</td>
<td>Nadja Cech</td>
<td>Chemistry and Biochemistry</td>
<td>Identification of Antimicrobial compounds from Macleaya Cordata</td>
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<td>Jenny Lee</td>
<td>Sharon Morrison &amp; Tracy Nichols</td>
<td>Public Health Education</td>
<td>**Understanding Maternal Health Experiences of Bhutanese Refugee Families from the Prenatal to Postpartum Period</td>
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<tr>
<td>Shaunessy Lofton</td>
<td>Carrie Rosario</td>
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<td>Brandi Mauldin</td>
<td>Susan Shelmerdine</td>
<td>Classical Studies</td>
<td>Hollering to Be Heard: An Exploration of Women’s Voices in Ancient Greek Texts and The Linguistic Differences Between Genders</td>
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<tr>
<td>Omar Obergon-</td>
<td>Adam Rosenfeld</td>
<td>Philosophy</td>
<td>*Creating a “History of Medieval Philosophy” Course</td>
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<td>Cuebas</td>
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<td>Vicki Pinson</td>
<td>Rosemary Nelson-Grey</td>
<td>Psychology</td>
<td>Can Positive Attachment Prime Increase Emotion Recognition in Individuals with Borderline Personality Disorder?</td>
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<td>Martha Reyes</td>
<td>Jamie Schissel</td>
<td>Teacher Education and Higher Education</td>
<td>*Multilingual approaches to classroom-based language assessment in Oaxaca: A participatory action research study</td>
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<td>Sierra Rufino</td>
<td>Rosemary Nelson-Grey</td>
<td>Psychology</td>
<td>Does Emotion Recognition have an Impact on Friendship Quality in Individuals with Borderline Personality Disorder?</td>
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<td>Natalie Suchy</td>
<td>Stuart Marcovitch</td>
<td>Psychology</td>
<td>The Effect of Stimulus Type on False Memories in Young Children</td>
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<tr>
<td>Fatima Williams</td>
<td>Clifford Smyth</td>
<td>Mathematics and Statistics</td>
<td>Self-regulated learning in College Algebra</td>
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* indicates Globally Engaged project, ** indicates Community Based/Engaged project
<table>
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<th>Student</th>
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<tr>
<td>Jetta Archibald</td>
<td>Anne Brady</td>
<td>Kinesiology</td>
<td>Physical Function in Older Adults Residing in Retirement Communities</td>
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<td>Mario Augustinovic</td>
<td>Nicholas Oberlies</td>
<td>Chemistry and Biochemistry</td>
<td>Secondary Metabolites as Novel Anticancer Drug Agents from Filamentous Fungi</td>
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<td>Amanda Barclift</td>
<td>Louisa Raisbeck</td>
<td>Kinesiology</td>
<td>The effect of motor imagery with different foci of attention in a fine motor skill learning</td>
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<td>Michael Bell</td>
<td>Joanne Murphy</td>
<td>Classical Studies</td>
<td>*Control of Production and Consumption of Prestige Goods on the Island of Kea, Greece</td>
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<td>Patrick Brackett</td>
<td>Roy Stine</td>
<td>Geography</td>
<td>Geophysical Investigations of the Confederate Prison Camp in Salisbury, North Carolina</td>
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<td>Ian Culp</td>
<td>Rosemary Nelson-Gray</td>
<td>Psychology</td>
<td>Video Games and Personality Traits</td>
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<tr>
<td>A'lexus Elliott</td>
<td>Sudha Shreeniwas</td>
<td>Human Development and Family Studies</td>
<td>ARTmail for Alzheimer’s: Does participating in structured arts programs improve outcomes for seniors with dementia? A NEA funded community engaged project</td>
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<td>Morgan Howell</td>
<td>Rosemary Nelson-Gray</td>
<td>Psychology</td>
<td>Games and Perceptions</td>
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<td>Nicholas Keirstead</td>
<td>Stephen Sills</td>
<td>Sociology</td>
<td>**Breathing Deep: Development of a Geospatial Surveillance Model for Pediatric Asthma</td>
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<tr>
<td>Rebecca March</td>
<td>Sudha Shreeniwas</td>
<td>Human Development and Family Studies</td>
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<td>Jason Moody</td>
<td>Anne Brady</td>
<td>Kinesiology</td>
<td>Physical Function in Older Adults Residing in Retirement Communities</td>
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<tr>
<td>Martha Reyes</td>
<td>Jamie Schissel</td>
<td>Teacher Education and Higher Education</td>
<td>*Translanguaging in Teacher Education: Lessons that lessen the Hegemony of Monoglossic Language Ideologies</td>
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<td>Ashley Sanchez</td>
<td>Christopher Rhea</td>
<td>Kinesiology</td>
<td>Integrating virtual reality into walking rehabilitation</td>
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<tr>
<td>Claire Stromberg</td>
<td>Patricia Wasserboehr</td>
<td>Ceramics and Sculpture</td>
<td>*Sculpting with Robots in Italy</td>
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<tr>
<td>Faith Wilfong</td>
<td>Charles Egeland</td>
<td>Anthropology</td>
<td>*Reconstructing early human behavior at Olduvai Gorge, Tanzania</td>
</tr>
</tbody>
</table>

* indicates Globally Engaged project  
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2017 Artists in Residence

The Artist in Residence Program (AiR) promotes creativity and fosters artistic development within the Honors College community. This program encourages Honors College students with a preexisting passion for the arts to explore and develop their creative vision over a full academic year. It concludes with a showcase of the students' work. Being an artist in residence gives students of all disciplines an opportunity to engage in the arts in a rich and substantive way through the Lloyd International Honors College in collaboration with the Undergraduate Research, Scholarship and Creativity Office, and the College of Visual and Performing Arts.

<table>
<thead>
<tr>
<th>Student</th>
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<tbody>
<tr>
<td>Ivana Bogdan</td>
<td>Studio Art: Painting; Art History</td>
<td>One Million Minutes</td>
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<tr>
<td>Caroline Bolin</td>
<td>Profession in Deafness; Communication Studies</td>
<td>Family Tides</td>
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<tr>
<td>Alice Croom</td>
<td>Environmental Studies; Political Science</td>
<td>Kaleidoscope</td>
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<td>Sharmeisha Joyner</td>
<td>Music Composition</td>
<td>Creation Around Us: Creating an Individualized Audience Experience</td>
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<tr>
<td>Philip Osborne</td>
<td>Computer Science</td>
<td>Project Coeus</td>
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<td>Jiyoun Park</td>
<td>New Media and Design</td>
<td>Just Ordinary Stories of Foreigners</td>
</tr>
<tr>
<td>Andrew Savage</td>
<td>Music Composition</td>
<td>Esemplastic Suite</td>
</tr>
</tbody>
</table>

2017 Thomas Undergraduate Research Mentor

Dr. Nadja Cech was honored as recipient of the 2017 Thomas Undergraduate Research Mentor Award. Dr. Cech is a Professor in the Department of Chemistry and Biochemistry, where her research efforts are focused on understanding how complex mixtures of plant compounds interact with the human body. She has mentored 50 undergraduate and 39 graduate students. Over the last 10 years, Dr. Cech has coauthored 15 research publications with 21 undergraduates.

The URSCO established this award to recognize faculty members who engage students in projects that contribute to the expansion of knowledge and understanding in their discipline. Dr. Nadja Cech does this in exemplary fashion. We are honored to present her with the Thomas Undergraduate Research Mentor Award for 2017. Congratulations Dr. Cech!