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Spr18 SPUR Published on Undergraduate Research and Student Success Outcomes

Can undergraduate research move the needle on student retention, grade point averages, graduation rates, matriculation in graduate school, and student learning outcomes? The spring 2018 issue of Scholarship and Practice of Undergraduate Research (SPUR) seeks to answer this question through articles and vignettes offering assessment data and success stories from a variety of higher education institutions and academic disciplines such as psychology and premed. READ MORE

Have Questions on Infusing Undergraduate Research into Campus Culture? Attend Free May 15 Webinar with CUR’s 2017 AURA Awardees

At a free webinar, representatives from the 2017 CUR Campus-Wide Award for Undergraduate Research Accomplishments (AURA) awardee institutions will describe
the programs, services, infrastructure, and cultures that they have developed to support institution-wide excellence in undergraduate research. “Achieving an Institution-Wide Culture and Practice in Undergraduate Research: Best Practices from AURA 2017 Awardees” will take place from noon to 1 p.m. ET on May 15 and feature the outstanding research programs from Denison University, Florida Atlantic University, and Hope College. AURA was inaugurated in 2015, building on CUR’s 2012 publication Characteristics of Excellence in Undergraduate Research (COEUR). Register for this free webinar.

May 30 Deadline for Faculty and Student Research Awards, CUR Education Division

The CUR Education Division is offering two $250 awards in faculty and undergraduate categories to assist faculty and students in conducting collaborative research projects in teaching and learning, the learning sciences, teacher education, and related disciplines, as well as disseminating results. The application deadline is May 30, 2018. For full details on the application process, consult the division’s fall 2017 newsletter.

SPUR CFP, Big Data and Undergraduate Research (Proposal Deadline: Jun 1)

The theme of the spring and summer 2019 issues of SPUR: Scholarship and Practice of Undergraduate Research will focus on big data as a tool to promote undergraduate research. Five to six articles from a wide range of disciplines are sought that explore how the applications and use of big data serve to facilitate undergraduate research in a variety of educational and professional contexts. Some topics of interest include the following:

- Assessment of the impact of undergraduate research projects involving big data
- Promotion of undergraduate research through big-data projects across institutions
- Interdisciplinary or multidisciplinary applications of big data in the context of undergraduate research
- Ways that big data (or publicly available large datasets) have been leveraged for course-based research projects or for undergraduate research in online learning
- Technological applications in the use of big data to promote undergraduate research
- Applied research or community-based research using big data in the context of undergraduate research

The deadline for proposals is June 1, 2018. READ MORE

Submit Undergraduate Research Highlights for Fall 2018 SPUR

Faculty members, administrators, and students can submit Undergraduate Research Highlights for the fall 2018 issue of Scholarship and Practice of Undergraduate Research (SPUR) and CUR’s online highlights database. Undergraduate Research Highlights briefly describe peer-reviewed research or scholarly work that has appeared in academic journals, book and book
chapters, Web-based publications, and juried performances. These publications must be in print, must be from the past six months, and must include one or more undergraduate coauthors. Submit here by May 18, 2018.

Nominate a Scientist in Life Sciences for ASCB Prize for Excellence in Inclusivity

The American Society for Cell Biology is accepting nominations until May 15 for its Prize for Excellence in Inclusivity. Eligible individuals should have played a strong role in nurturing cell biology or related life sciences research and promoted a diverse workforce and inclusive environment through mentoring, cultural change, outreach, or community service. A prize of $5000 will be presented to the recipient to foster inclusion efforts. READ MORE

DOE's Science Undergraduate Laboratory Internship Program Accepting Apps Until May 30

The Science Undergraduate Laboratory Internship Program of the Department of Energy (DOE) seeks to encourage undergraduates to pursue STEM careers through research at one of 17 DOE labs. Applications for fall 2018 may be submitted until May 30, 2018. READ MORE

App deadline Jun 1 for ORNL's Higher Education Research Exp for Undergrads, Faculty

Both undergraduates and faculty members can apply for the Higher Education Research Experiences program at the Oak Ridge National Laboratory (ORNL), which seeks to nurture student and faculty STEM careers through research opportunities and related activities. Although applications may be submitted throughout the year, ORNL recommends submission by June 1, 2018, for fall 2018; October 1, 2018, for spring 2019; and February 1, 2019, for summer 2019. Further information is available for students and faculty members.

Ed Dept's Office of Postsecondary Education Seeks Peer Reviewers for Grant Applications

The U.S. Department of Education's Office of Postsecondary Education (OPE) administers a variety of domestic and international grant and fellowship competitions throughout the year and is always looking for specialists to serve as peer reviewers to identify the most qualified grant applicants. READ MORE
Missed the AGI-CUR Webinar on Professional Writing for Geoscience Careers? Access the Recording

The webinar "An Introduction to Professional Writing for Geoscience Careers"—hosted by the Workforce Program of the American Geosciences Institute and cosponsored by CUR—provides an overview of the writing skills developed by geoscience students during their undergraduate and graduate academic training, information on the skills and tools needed for nonacademic careers, and advice for students on how to acquire the needed writing skills as they prepare for and pursue their career paths. Speakers include American Geophysical Union's Pranoti Asher, HRP Associates' Bob Simmons, and former Georgia Department of Natural Resources program manager Ron Wallace. ACCESS THE RECORDING

CUR EVENT Proposal Writing Institute—Jul 12–16, 2018 (Registration Deadline May 15)

The CUR Proposal Writing Institute at Georgia College in Milledgeville, GA, will bring together faculty members and administrators interested in preparing proposals for submission to external funding agencies. Attendees will work one-on-one with a mentor, write, and participate in small-group discussions and critiques of proposals. Prior to the event, participants will be able to access information that will help them begin to draft their proposal. Submit an application for the institute by May 15, 2018.

CUR EVENT CUR Biennial—Jul 1–3, 2018 (Registration Deadline May 29)

The 18th CUR Biennial Conference, “Creating Collaborative Connections in and through Undergraduate Research,” will take place at the Hyatt Regency Crystal City in Arlington, VA, on July 1–3, 2018. Faculty, administrators, staff, academic and community partners, and policymakers will share interdisciplinary investigations—both individual and collaborative—across local, national, and international contexts, as they showcase models of undergraduate research activities at all types of higher education institutions (learn more about the conference themes and consult the schedule at a glance). Keynote speakers include the following:

- José Antonio Bowen (president of Goucher College; read bio)
- Freeman A. Hrabowski III (president of the University of Maryland-Baltimore County; read bio)
- David Lopatto (director of the Center for Teaching, Learning, and Assessment, Grinnell College; read bio)
- Robin Wright (director of the Division of Undergraduate Education, National Science Foundation; read bio)
The following workshops will be held:

- **A Research Lab Model for Student Research in Mathematics**, June 30, 2018, 1–4 pm, $65.00. This workshop will demonstrate a model in which multiple students work together on projects over multiple years, allowing for senior students to mentor students just embarking on research. Techniques will be discussed for reformulating single-student research projects as collaborative ones, developing healthy collaborative relationships among students, promoting meaningful contributions by each student, and organizing the logistics of a larger group. Read the [draft agenda](#), or [register](#) for the workshop. Address questions to [Kathryn Leonard](#).

- **Dialogical Opportunities**. Individuals will work within a learning community for several months before the biennial, meet at the biennial to further their discussions, and collaborate to create at least one CUR-related written product.

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**CUR Events and Deadlines**

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