**2018 NISBRE Workshop Information**

**Name, title, institution, and email address of each facilitator:**

**Elizabeth L. Ambos, Council on Undergraduate Research,** **eambos@cur.org**

**Jeffrey M. Osborn, The College of New Jersey,** **josborn@tcnj.edu**

**John F. Barthell, University of Central Oklahoma,** **jbarthell@uco.edu**

**Session theme or topic:**

**Undergraduate Research**

**Session format (lecture, facilitated discussion, panel discussion, Q&A):**

**Panel discussion and Q&A**

**Session title:**

**“Enhancing and Expanding Undergraduate Research at Your Institution: Pathways Toward Curricular and Cultural Transformation”**

**Provide 3 anticipated participant learning outcomes:**

**1. Greater understanding of the benefits of student (and faculty) presentations at CUR’s National Conference on Undergraduate Research (NCUR).**

**2.**  **Greater understanding of the importance of transitioning undergraduate curricula to a scaffolded, research-intensive model.**

**3. Greater understanding of effective tactics to engage more faculty members and student to participate in undergraduate research.**

**Intended audience (INBRE, COBRE, CTR, students, faculty, PI’s):**

**All of the above! We believe that this session will be of broad interest to a variety of NISBRE attendees.**

**Abstract (200 Words):**

**Although undergraduate research (UR) is now common in many STEM programs, systematic expansion of UR throughout undergraduate curricula is not yet accomplished at most institutions. UR expansion is critically dependent on adapting not only curricula, but on faculty and student engagement and departmental and institutional cultures. In this presentation, we will highlight two Council on Undergraduate Research (CUR) initiatives that effectively expand and enhance UR. One is CUR’s annual National Conference on Undergraduate Research (NCUR), which celebrated its 32nd anniversary in 2018 at the University of Central Oklahoma (a member of the OK-INBRE). NCUR is open to all disciplines, and provides an important avenue to create university-wide cultures to support UR, and that widely disseminate UR outcomes. The second initiative is CUR’s five-year, NSF-funded CUR Transformations project, which involves 24 academic departments at 12 diverse institutions. This project conducts fundamental research on student, faculty, departmental, and disciplinary influences on the process of integrating and scaffolding UR throughout the four-year undergraduate curriculum. We will share strategies being used to coach these institutions to successfully render the scaffolding of UR that impacts student learning, sustains curricular transformation, and sustains cultural change, as well as engaging session participants in Q&A and discussion.**

**Additional Materials, Web Information or Additional Information:**

**For more information about the NSF-funded CUR Transformations project please see:** [**https://www.cur.org/conferences\_and\_events/special\_offerings/iuse\_2016/**](https://www.cur.org/conferences_and_events/special_offerings/iuse_2016/)

**For more information concerning NCUR 2018, please see:** [**https://www.cur.org/conferences\_and\_events/student\_events/ncur\_2018/**](https://www.cur.org/conferences_and_events/student_events/ncur_2018/)