

The University of North Carolina at Greensboro
Board of Trustees
Academic Affairs Committee
September 12, 2017

Information Item

AAC - 8 Update on Research and Engagement

The Office of Research and Engagement (ORE), formerly the Office of Research and Economic Development (ORED), provides support and strategic direction to faculty, staff and students for research and creative endeavors resulting in scholarship, innovation, community and economic engagement leading to knowledge, student, and regional transformation.

External Funding

Compared to last year, submissions and awards significantly increased. We have focused efforts on proposal development as well as on submitting larger, multi-year awards with **dollars requested increasing by 65.1%**. With respect to awards, we **exceeded our target with awards increasing by 5.3%**. **Federal awards increased 31.3%** over last year, representing 48% of the total awards. We are targeting increasing awards by 5% again this year.

Awards and Submissions

	7/1/16 to 6/30/17		7/1/15 to 6/30/16	
SUBMISSIONS	Number	Amount	Number	Amount
	413	\$138,853,907	376	\$ 84,118,245
AWARDS	Number	Amount	Number	Amount
	237	\$32,374,191	254	\$30,735,739

Selected Highlights

UNCG has been awarded a five-year, \$500,000 grant by the National Science Foundation (NSF) to establish **Greensboro as an Innovation Corps (I-Corps) Site**. NSF I-Corps is a federally funded program that prepares scientists and engineers to accelerate the economic and societal benefits of research projects that are ready to move toward commercialization. I-Corps is based on the Lean Launchpad (LLP) Methodology, a compelling business model discovery strategy grounded in learning from potential customers. Partnering with NC A&T, UNCG's NC Entrepreneurship Center will coordinate the training of 30 entrepreneurial teams this year using the LLP Methodology, as well as provide opportunities for these teams to receive seed grants to fund their customer discovery process, prototyping and other seed expenses. As a

designated I-Corps Site, UNCG and NC A&T will provide students, faculty, staff and alumni with the education and resources needed to take their innovations to market.

Duane Cyrus, Associate Professor of Dance, and the Theatre of Movement will present a ***gala premiere performance entitled “Comanche: Hero Complexities” in the UNCG Auditorium on September 22nd at 7pm.*** The multidisciplinary performance is inspired by the heroic acts of Charles W. David Jr., a Caribbean-American United States Coast Guardsman who lost his life helping to save nearly 100 drowning servicemen in the icy waters off Greenland during World War II. Cyrus was the recipient of one of UNCG’s prestigious strategic seed grants that was instrumental in moving this forward. Events for this project focus on building inclusive communities, presenting high-profile professional performing artists, developing local artists, and establishing diverse programming within the Triad Community and beyond and will continue through 2018, including an art exhibit at Greensboro Project Space Sept. 1-20.

UNCG is one of 12 institutions ***selected by the Council on Undergraduate Research (CUR) for its Transformations Project, funded by the National Science Foundation.*** Institutions will create cohesive, research-based undergraduate curricula in biology, chemistry, physics, and psychology. They also will conduct fundamental research on student, faculty, departmental, and disciplinary influences on the process of integrating and scaffolding undergraduate research experiences throughout the curriculum.

Three students have been awarded prestigious Fulbright Scholarships to study, research and teach abroad for the 2017-18 academic year. Recipients of the Fulbright awards are chosen based on their academic and professional achievement, record of service and leadership potential in their respective fields.

- Nathan Martin (Master of Music, Music Education): Award to Germany in English Education.
- Carmen Calhoun (Master of Arts, Languages, Literatures, and Cultures): Award to Brazil to teach English.
- Marya Fancey (Doctor of Musical Arts, Music Performance/Instrumental): Award to Poland in Historical Music Performance.

Dr. Liuyi Hao, a postdoctoral researcher at the Center for Translational Biomedical Research, has received a 2017 Postdoctoral Fellowship Award from the American Liver Foundation. The fellowship is highly competitive, with no more than 10 awarded each year. The award will support Hao’s research investigating the biological underpinnings of alcoholic liver disease that results in the death of approximately 20,000 people in the US each year. Hao hopes his research will improve understanding of the disease, and, ultimately, lead to improved treatment options.



Dana Dunn
Provost and Executive Vice Chancellor