RIEEE and Affiliated Centers

Summary of Activities

July 2017 - June 2018

Share of University’s proposal and award activity (RIEEE or an affiliated center is the administrative unit or RIEEE or Center personnel is PI)

- about 15% of total proposal dollars submitted
- about 7% of total award dollars

New and continuing project activity

- $1.39M in expenditures administered through RIEEE and centers (to indicate volume of post-award grant management)
- $170,795 in F&A generated
- 22 funded projects active now or active at some time during FY18

Reach/Interaction across campus

- nearly 50 investigators from across campus led or contributed to collaborative proposals administered by RIEEE or an affiliated center
  - from 16 departments, representing 4 colleges (CAS, F&AA, COB and COE)
  - Geological and Environmental Sciences, Chemistry and Fermentation Sciences, Communication, Art, Geography and Planning, Sustainable Technology and the Built Environment, Economics, Government and Justice Studies, Biology, Mathematical Sciences, Curriculum and Instruction, College Access Partnerships, Computer Information Systems and Supply Chain Management, Sustainable Development, Accounting
- 20 investigators from across campus led or contributed to collaborative new awards administered by RIEEE or an affiliated center
  - from 6 departments, representing three colleges (CAS, F&AA, COB)
  - Economics, Sustainable Technology and the Built Environment, Geography and Planning, Biology, Government and Justice Studies, and Mathematical Sciences

Internal/Seed funding activity

- managed five internal funding competitions - Chancellor’s Innovation Scholars Program, SCORE Community of Practice (COP) Planning Awards, CONCERT Planning Awards, CONCERT Standard Awards and CONCERT Communication, Education and Engagement (CEE) Awards
- $38,305 total funding provided - 2 SCORE COP ($2,000), 10 CONCERT CEE ($21,305), 3 CONCERT Standard ($15,000)
- Chancellor’s Innovation Scholars Program funded through University College so awards are not reported here
Proposals and awards enabled by CONCERT funding mechanism (activity by PI from RIEEE-funded clusters and within same topic area) - 7 proposals and 3 awards

Research development activities (individual and cluster meetings not recorded)

- **Inter-institutional Collaboration** workshop held 6/10/17 - faculty from NC Central University, NC A&T and Appalachian attended to develop collaborations around Educational research in STEM fields, Outreach and Engagement, Teacher Preparation and Instrumentation
- **Interdisciplinary Research Forum** held 6/1/17 in partnership with GRS, IHHS - attended by 20 faculty from across campus; led to development of SCORE Initiative (Sustaining Collaborative Opportunities for Research and Education)
- **Planning for Workshop Series on Entrepreneurship and Commercialization** held 6/2/17 - faculty and staff from across campus, including Center for Entrepreneurship, CARE, Career Services, CAS, COB, F&AA and external collaborators - NC Center for Biotechnology, Western Carolina University, Clemson University
- **SCORE Initiative** (Sustaining Collaborative Opportunities for Research and Education) - Collaborative effort of OR, RIEEE and IHHS to recognize, support and build interdisciplinary research and education at Appalachian.
  - a. Six events during Fall 2017: Three from developed clusters on their work and next steps, three lunch meetings with 3-4 presenters each in a theme (Land Use and Sustainability, Obesity, and Graying of America)
  - b. Three events during Spring 2018: Repeated brief presentation format, with additional time for networking (themes were Disaster Preparedness, Environmental Health, and Scholarship of Teaching and Learning: Undergraduate Research)

**Appalachian Energy Center Workshops - Workforce Development and Continuing Education**

- August 11, 2017 : Solar Thermal Water Heating: Overview, Space Heating, and Maintenance, 10 attendees
- September 15, 2017 : Introduction to Building Energy Modeling, 8 attendees
- September 22-23: Microhydro System Design & Installation, 14 attendees
- April 28, 2018 : 2017 NEC and PV Systems: Inspecting and Designing, 72 attendees
- June 1, 2018 : Affordable Zero Energy Ready Homes, 38 attendees