

FY 24 Impact Report

Clemson University

SC EPSCoR

June 18, 2024

Activity	Goal	Impact	Budget Spent to date
1. Develop a strategic plan for the new project “ADAPT in SC project” funded by the U.S. NSF.	1. Meet requirement of the funding agency.	1. The ADAPT in SC project started and continues to be successful in achieving its goals.	\$30,400.23
2. Issue solicitation for research proposals on AI and medical devices, conduct external reviews and issue awards.	2. To increase participation of young faculty and faculty from primarily undergraduate institutions including HBCU in research of AI and biomedical devices	2. Five new faculty members are now involved in research related to ADAPT in SC including faculty from primarily undergraduate institutions	\$3,500 (\$330,000 Obligated)
3. Issue solicitation for proposals regarding broadening participation in STEM, conduct external reviews and issue awards.	3. To increase the participation of females and underrepresented minorities in STEM.	3. Five faculty members at SC colleges and universities are now engaging students in STEM.	\$4,500 (\$74,654 Obligated)
4. Proposal Development Program	4. Support universities to pursue large funding from NSF.	4. Multimillion dollar proposals were submitted for the NSF EPSCoR Track-2 solicitation	(\$7,000 Obligated)
5. Issue solicitation for proposals for small business SBIR/STTR proposals to federal agencies, conduct external reviews and issue awards.	5. To support proposal development of SBIR and STTR to federal agencies.	5. Two small businesses are now pursuing federal SBIR proposals.	\$6,500 (\$9,000 Obligated)

<p>6. Hold the annual meeting of the External Advisory and Review Board (EARB) of the NSF funded ADAPT in SC project (April 7-8,2024)</p>	<p>6. Obtain expert opinion and advice on the progress of the statewide project: ADAPT in SC</p>	<p>6. The EARB provided expert advice on the various aspects of the ADAPT in SC project that will improve project outcomes.</p>	<p>\$28,526.12</p>
<p>7. Hold the Annual SC EPSCoR State Conference on April 9, 2024</p>	<p>7. Bring together students and faculty researchers to share information about their ongoing research. The conference had 130 attendees.</p>	<p>7. Students and faculty are now better aware the research conducted in SC in Biomedical AI, Infrastructure Cybersecurity, advanced materials and other topics.</p>	<p>\$38,482.41</p>
<p>8. Prepare and submit the annual ADAPT in SC project to NSF.</p>	<p>8. Meet requirement of the statewide ADAPT in SC funding agency.</p>	<p>8. Submitting the annual report provides a way to consolidate what has been done on the project as well as ensure continued funding from the U.S. NSF.</p>	<p>\$8,472.50</p>
<p>9. Collaborate with the primarily undergraduate institutions including HBCU to develop a program for faculty research development.</p>	<p>9. Increase research capabilities based on primarily undergraduate institutions and HBCU interests.</p>	<p>9. Trained faculty in proposal preparation that will lead to increased funding that will have an impact on undergraduate students.</p>	<p>(\$51,000 Obligated)</p>
<p>10. Manage the affairs of the SC EPSCoR State Committee.</p>	<p>10. Provide oversight of all SC EPSCoR Program activities.</p>	<p>10. Increase research capabilities of South Carolian colleges and universities.</p>	<p>\$458,797.96 (\$106,129.03 Obligated)</p>