PRIORITY 3

CREATE NEW PATHWAYS TO RESEARCH EXCELLENCE IN ORDER TO BECOME AAU ELIGIBLE.

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PRIORITY 3: CREATE new pathways to research excellence in order to become AAU eligible.

Founded in 1900: 65 universities

AAU Phase I Indicators
1. Federal R&D expenditures
2. Membership in the National Academies NAS, NAE, NAM
3. Faculty awards, fellowships & memberships
4. Citations of publications

AAU Phase II Indicators
1. USDA, state & industrial research funding
2. Doctoral education
3. Number of postdoctoral appointees
4. Undergraduate education assessment of various measures which are not identified
**PRIORITY 3: CREATE NEW PATHWAYS TO RESEARCH EXCELLENCE IN ORDER TO BECOME AAU ELIGIBLE.**

- **Goal 3.1:** *Promote* convergence research and innovation across UofSC to enhance nationally competitive research excellence.

- **Goal 3.2:** *Advance* undergraduate, graduate, and Post-doctoral Research experience to foster next generation of inventors and entrepreneurs.

- **Goal 3.3:** *Promote* diversity and inclusion in research to harness creativity, innovation and talent.

- **Goal 3.4:** *Increase* visibility and dissemination of research to highlight academic, economic and societal impact.
GOAL 3.1: PROMOTE CONVERGENCE RESEARCH AND INNOVATION ACROSS UofSC TO ENHANCE NATIONALLY COMPETITIVE RESEARCH EXCELLENCE.

- 3.1.1: Build transdisciplinary teams and foster collaborative environment to make UofSC competitive for Federal grants.
- 3.1.2: Provide infrastructure, information and services to increase research productivity.
- 3.1.3: Recruit and retain world-renowned faculty to enhance the impact of research and scholarly activities.
- 3.1.4: Provide services to enhance faculty research productivity.
- 3.1.5: Promote faculty entrepreneurship, technology commercialization and industry collaborations.
GOAL 3.2: ADVANCE UNDERGRADUATE, GRADUATE, AND POST-DOCTORAL RESEARCH EXPERIENCE TO FOSTER NEXT GENERATION OF INVENTORS AND ENTREPRENEURS.

• 3.2.1: Promote undergraduate research experience through internal and external programs.

• 3.2.2: Provide mentoring to graduate students and post-docs in grant writing so that they can compete nationally for fellowships.

• 3.2.3: Create interdisciplinary doctoral programs to attract the best talent and to meet future workforce needs.

• 3.2.4: Support institutional training grants for graduate students and postdocs so that they are nationally competitive.
GOAL 3.3: PROMOTE DIVERSITY AND INCLUSION IN RESEARCH TO HARNESS CREATIVITY, INNOVATION AND TALENT.

• 3.3.1: Promote underrepresented minority student and faculty recruitment.

• 3.3.2: Establish collaborations with HBCUs.

• 3.3.3: Provide research training opportunities to underrepresented minorities.

• 3.3.4: Advance research, scholarship and innovation on issues related to diversity, equity, and inclusion.
GOAL 3.4: INCREASE VISIBILITY AND DISSEMINATION OF RESEARCH TO HIGHLIGHT ACADEMIC, ECONOMIC AND SOCIETAL IMPACT.

- 3.4.1: Nominate faculty for national research awards and Support junior faculty through effective mentoring.

- 3.4.2: Enhance USC research visibility nationally and internationally through use of social media.

- 3.4.4: Support international conferences and workshops organized by UofSC.

- 3.4.5: Promote international collaborations and research abroad activities for faculty and students.