



# **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.