

**PATHWAY TO PREMIER 2030:  
R1 OUR WAY**

**BROOKINGS ROTARY**

**OCTOBER 24, 2023**



**SOUTH DAKOTA  
STATE UNIVERSITY**

*Pathway to* →  
**PREMIER**  
A Strategic Plan for  
South Dakota State University® **2030**



## Foster Innovation and Increase Research, Scholarship, and Creative Activity

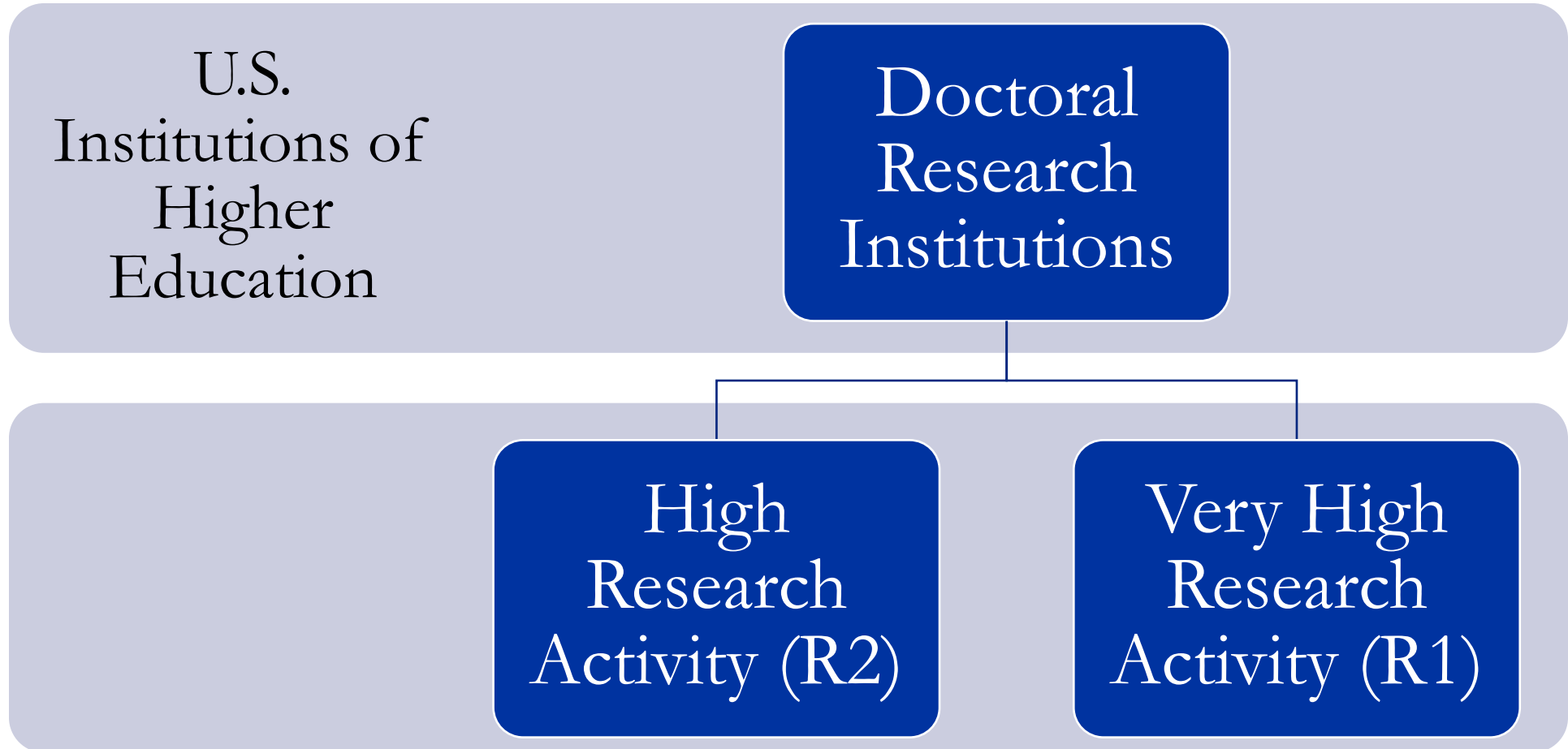
1. Elevate SDSU as a research university and pursue a pathway to achieve designation as an R1 Research University by Carnegie Classification of Institutions of Higher Education.



# FUTURE IMPACT - CHANGING CONTEXT

- Higher education societal environment is shifting
  - Institutional closures – Four since 2020 (SD, IA, NE, WI)
  - Demographics of potential students
  - Reputational ‘competition’
  - Faculty/staff recruitment and retention
- Formula for differentiating
  - Our reputation
  - Career destination
  - Integration with the student experience

# DIFFERENTIATION IN HIGHER ED – THE CARNEGIE CLASSIFICATION (CCIHE)



# CCIHE AND SOUTH DAKOTA STATE UNIVERSITY

- SDSU holds R2 classification
- CCIHE R1 is a recognized differentiator – statement of reputation
- R1 characteristics provide recognized means of focusing goals
- R1 classification conveys capability to deliver, increases competitiveness for resources, staff, students

# R1 – R2 CLASSIFICATIONS METHOD - STATISTICAL CHARACTERISTICS

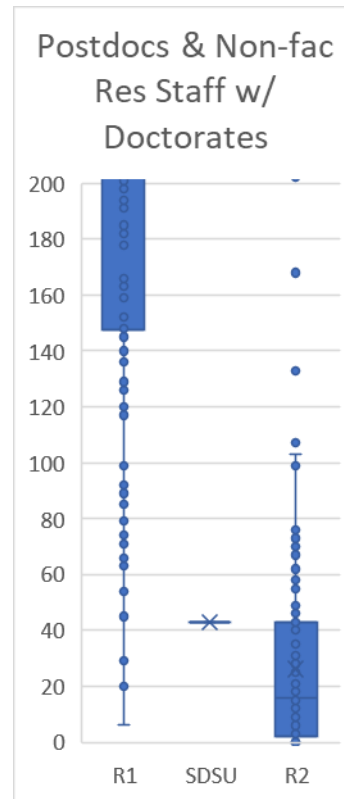
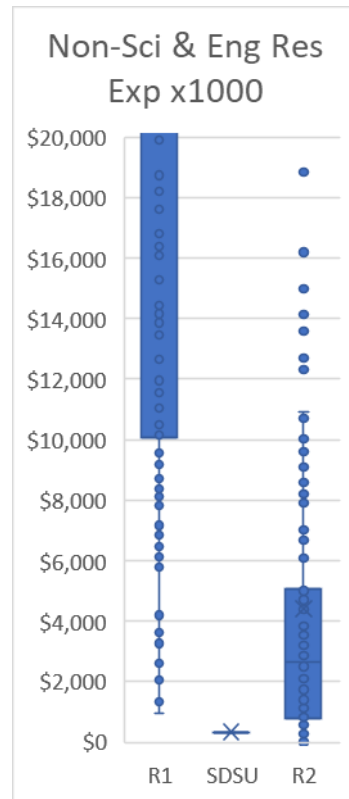
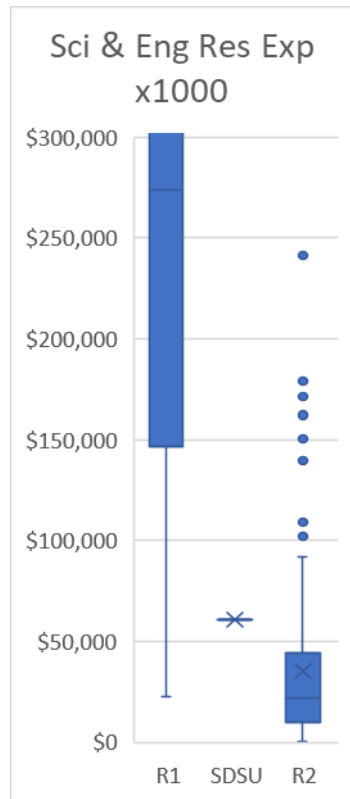
- Based on statistical analysis
- Amount of research
- Breadth of research
- Personnel support for research

# R1 – R2 CLASSIFICATION VARIABLES

- Research expenditures
  - Science and Engineering
  - Non-Science and Engineering
- Doctorates awarded
  - STEM
  - Social Sciences
  - Humanities
  - Other (Professional) Fields
- Research Staff (with doctoral degrees)
- Per capita (of tenure track faculty)
  - Science and Engineering Research Expenditures
  - Non-Science and Engineering Research Expenditures
  - Research Staff



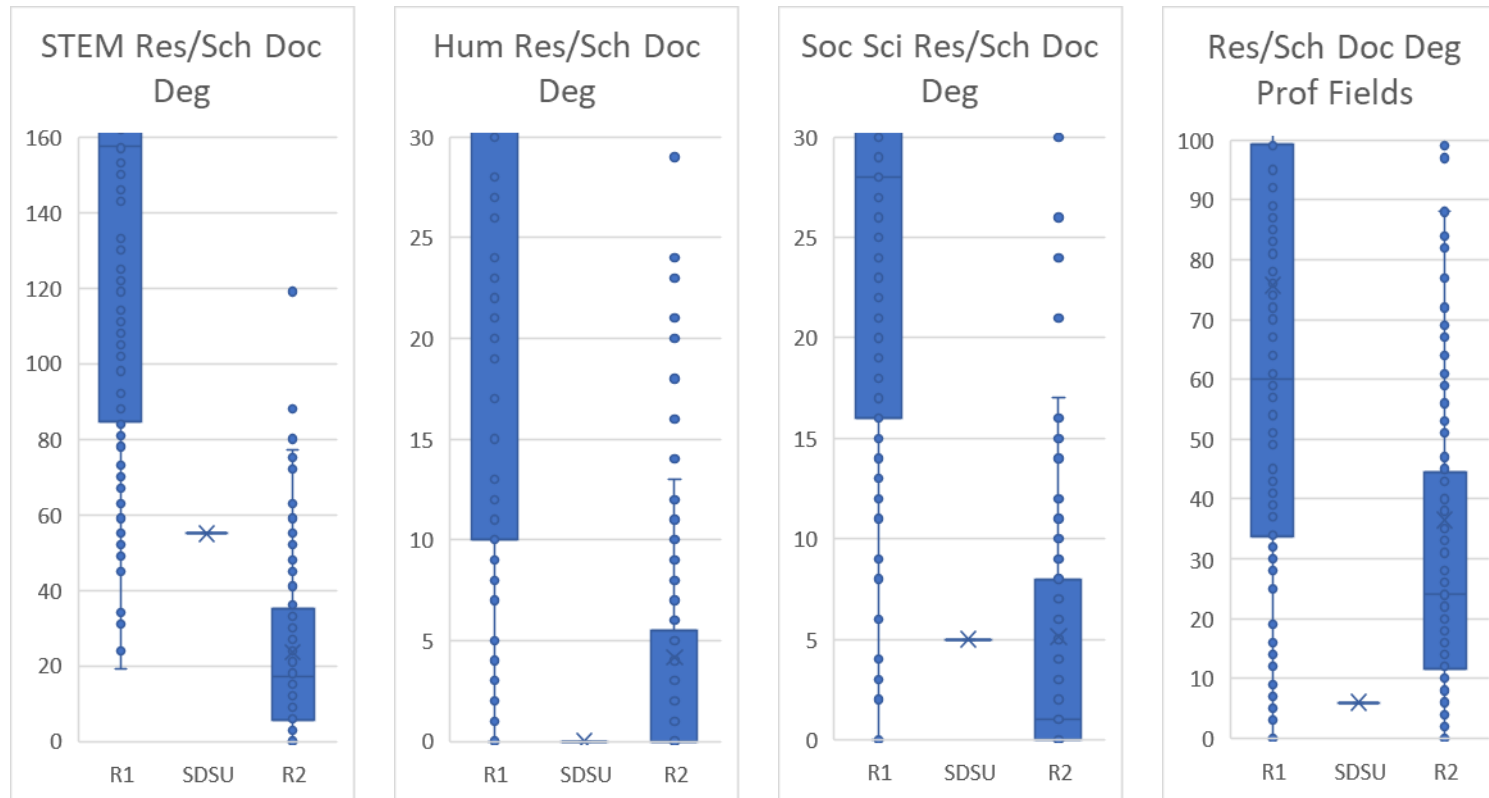
# 2021 CCIHE RESEARCH EXPENDITURE COMPARISONS: R1, R2, AND SDSU



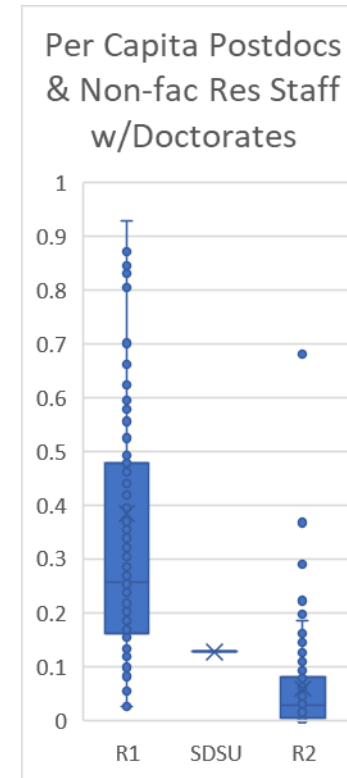
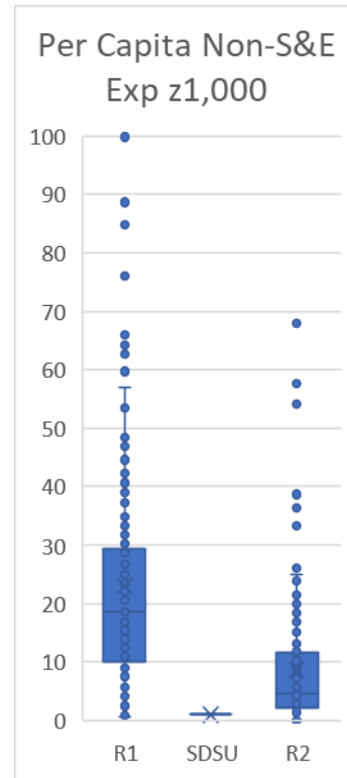
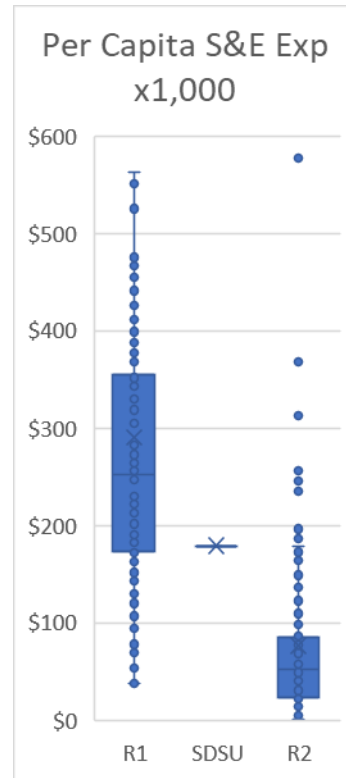
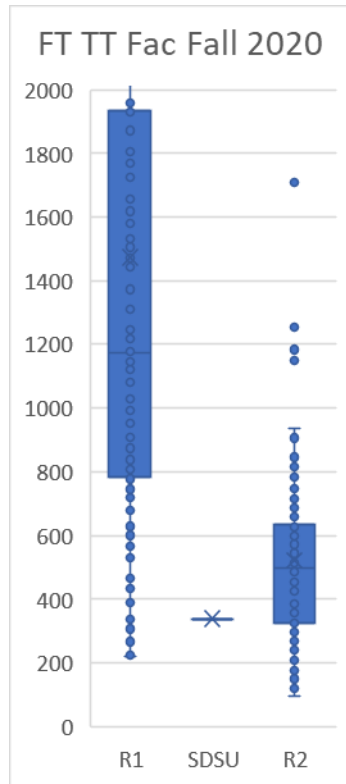
Comparisons with similar pattern

- TT Faculty size  $\pm 50\%$
- Total research expenditures  $< \$166,000,000$
- R2 to R1 from 2018 to 2021

# 2021 CCIHE DEGREES AND RESEARCH STAFF COMPARISONS: R1, R2, AND SDSU

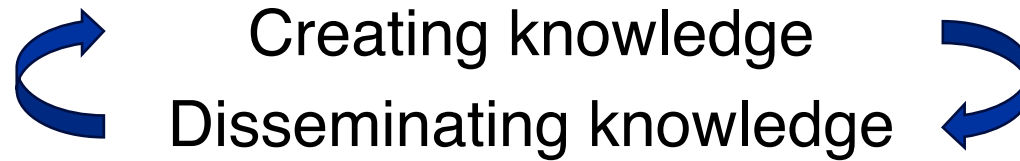


# 2021 CCIHE PER CAPITA R&D AND STAFFING COMPARISONS: R1, R2, AND SDSU



# BUILD ON OUR FOUNDATION - ASSURE FUTURE IMPACT

- Growing support for faculty



- Building on our skills
  - Creating innovative and responsive programming
  - Generating excitement for programming
  - Developing public/private financial support of programming
- Building on our leadership strengths in fields of study and in spaces

# ENHANCING OUR ACADEMIC PROGRAM OFFERINGS

- New Academic Programs in the last 7 years
  - Business Economics
  - Veterinary Medicine
  - Elementary Education & Special Education
  - Respiratory Care
  - Concrete Industry Management
- 60 Accredited Programs
- Multiple new certificates and minors



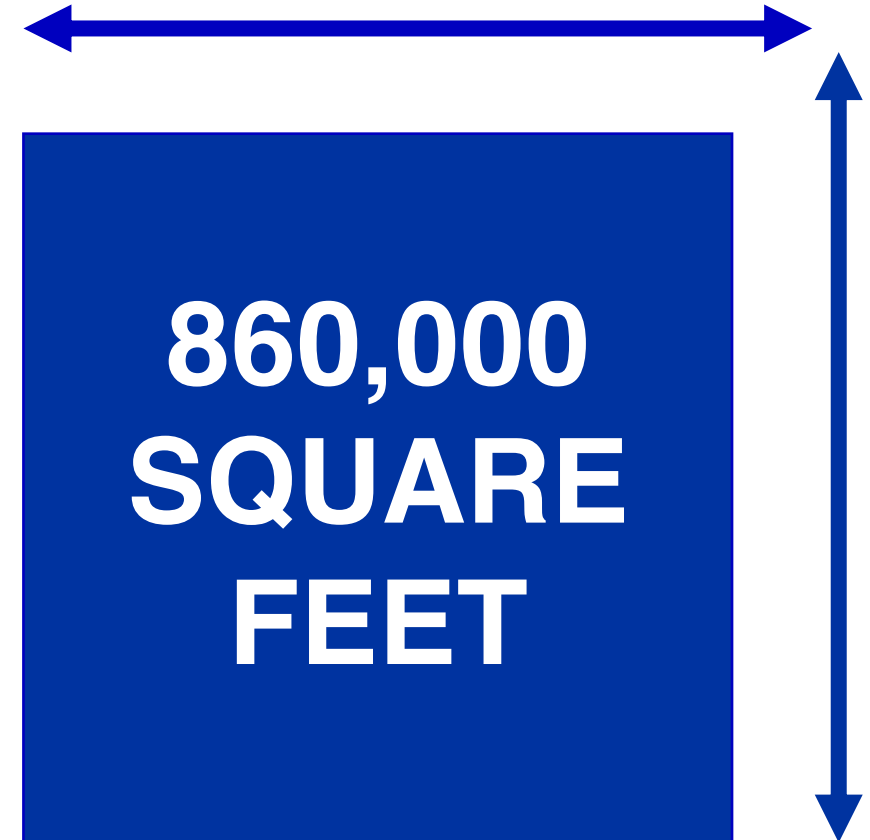
# ANNUAL BASE FUNDING GROWTH

Year	Total Funding
2012	\$54.3 M
2021	\$103.3M

90% ↑

# FACILITIES GROWING IMPACTFUL RSCA AND EDUCATION

- Oscar Larson Performing Arts Center
- Olson Research Laboratories
- Raven Precision Ag. Center
- ADRDL
- Chicoine Architecture, Math and Engineering
- Harding Hall
- Avera Health and Science
- Daktronics Engineering Hall
- Lincoln Hall
- Berg Hall
- West River Research and Extension Center
- Swine Education and Research Facility
- Cow-Calf Education and Research Facility
- Plant Science Research Support Center
- North Headhouse
- Sanford-Jackrabbit Athletic Complex
- POET Bioproducts Center
- American Indian Student Center
- Davis Dairy Plant
- Young Brother Seed Technology Laboratory



# WHO WE ARE TO THE CORE

- High performing healthy university that is
  - **Excellent** in action and in aspiration
  - **Creative** in building a uniquely SDSU R1 university culture – learn from others but creatively pursue our own path – 'R1 Our Way' (CAHSS)
  - **People-centered** in developing employees for career fulfillment – developing one another, present and future



# OUR “R1 OUR WAY” FRAMEWORK

Colleges\Units  
University

- Objectives
- Programming
- Advocacy
- Fundraising
- Recruitment
- Policy and practice

Celebrate

Implement

Adjust

University  
Steering Team

- Case research; components of classification
- Resource guide (Feb '24)
- Monitor classification environment change; inform units

Pathway to Premier 2030

# MATURING AS A RESEARCH UNIVERSITY

- What the years to come will mean for...
  - SDSU – persistently vibrant and compelling learning environment
  - Brookings – educated workforce, knowledge business spinoffs, citizens and neighbors
  - South Dakota – economic growth, business expansion facilitated by technology and educated workforce, spilling over from Brookings

**THANK YOU**



**SOUTH DAKOTA  
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