



DAKOTA STATE UNIVERSITY  
**JCA Presentation**  
February 5, 2025





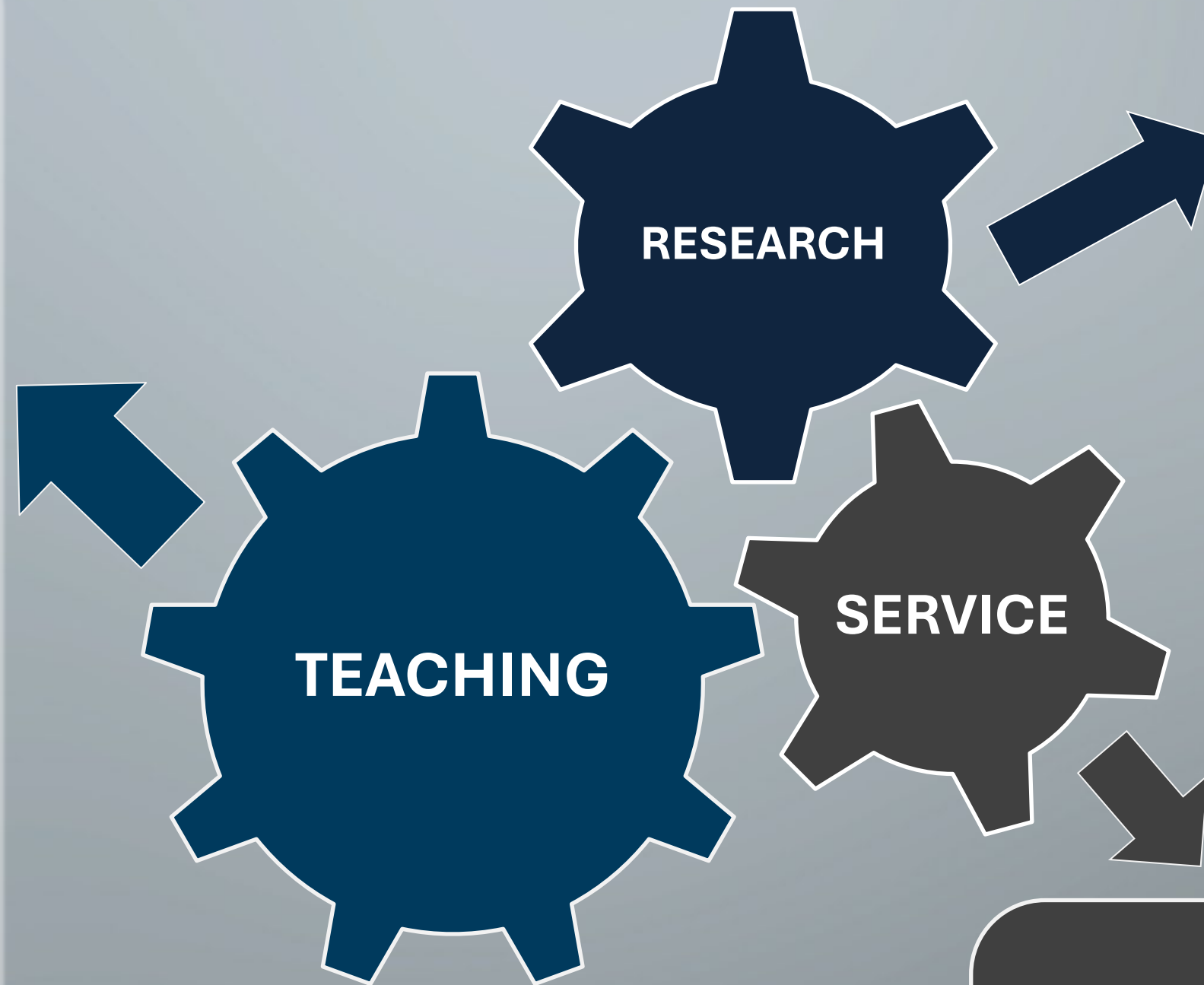
## DSU MISSION

Dakota State University's mission is to prepare **cyber-savvy** graduates who are **lifelong learners, problem solvers, innovators, and leaders** to live lives of positive purpose and consequence.

## TEACHING

### WORKFORCE DEVELOPMENT

- Relevant academic degree programs
- Certifications
- Pathways
- Pipelines



## RESEARCH

### ECONOMIC DEVELOPMENT

- Applied collaborative R&D
- Responsive to external problems
- Technology Transfer
- Entrepreneurial Business Development

## SERVICE

### COMMUNITY DEVELOPMENT

Leveraging  
personal,  
professional, and  
social interests

## TOTAL HEADCOUNT

FALL  
2022 3,241

FALL  
2023 3,509

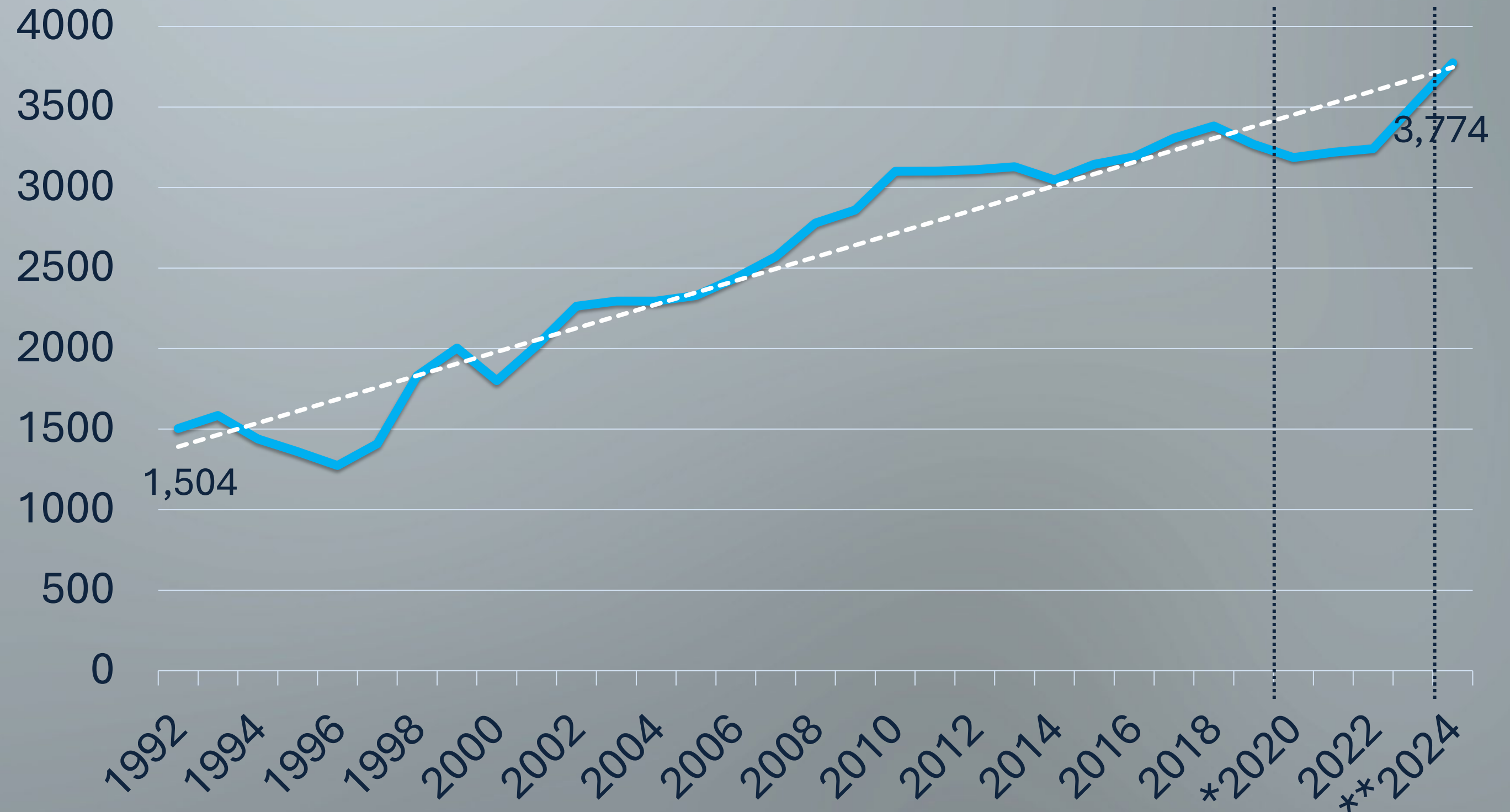
FALL  
2024 3,774

% CHANGE  
2023-2024

7.6%

# DSU ENROLLMENT

Fall 2024



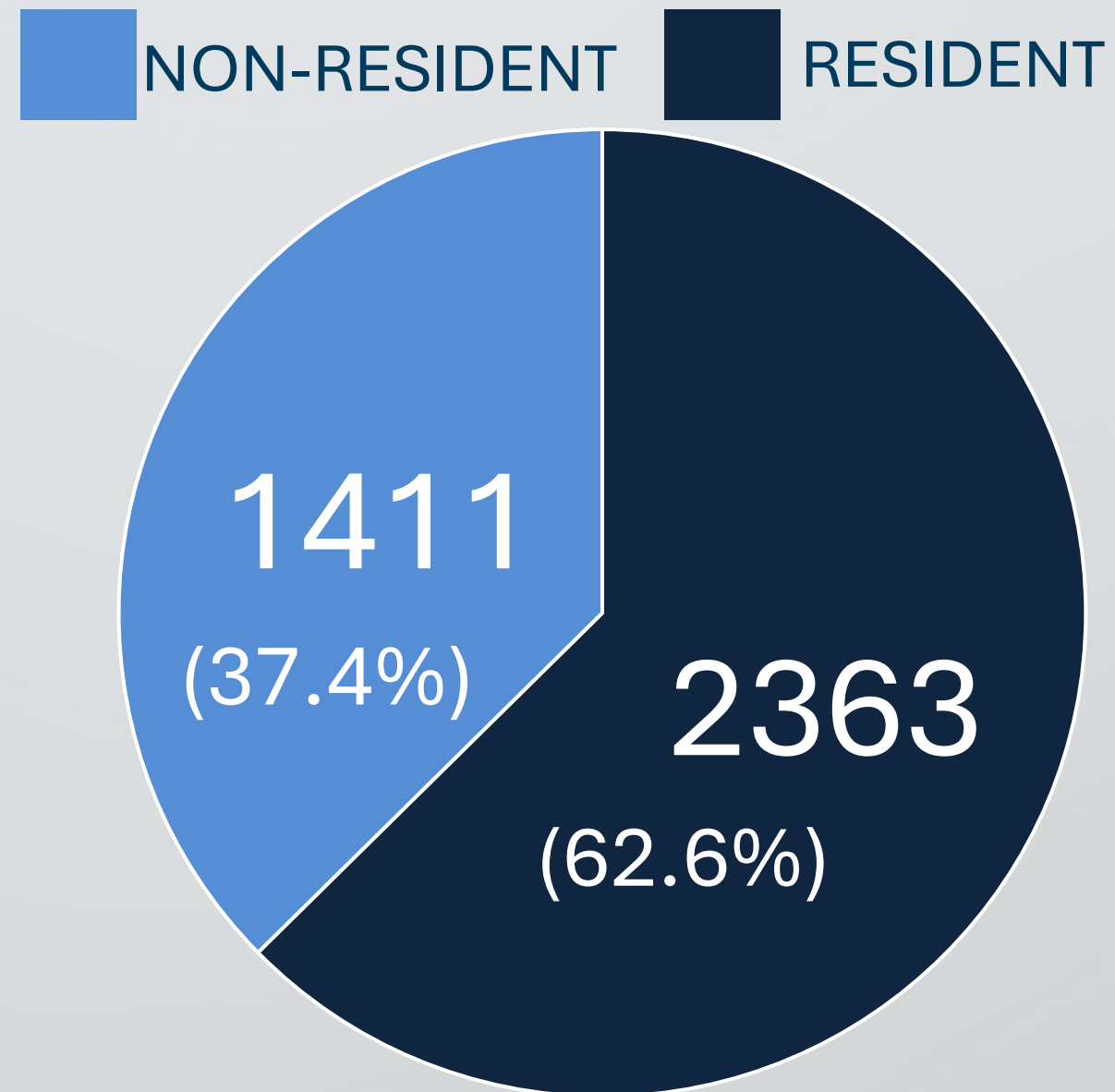
\*Respiratory Care Program transferred to SDSU in FALL 2020. This program enrolled an average of 81 students per semester.

\*\* Elementary Ed Cooperative Programs concluded with addition of Elem Ed Programming at SDSU in FALL 2024. This program enrolled an average of 60 students per semester.





## Fall 2024 Headcount



Enrollment Growth Fall  
2023 to Fall 2024

7.6% Total Student  
Headcount Growth

10% SD Resident  
Student Growth



# DSU GRADUATE JOB PLACEMENT RATES

UNDERGRADUATE

99%

GRADUATE

100%

*Within 6 months of graduation*







# DSU POST-GRADUATION IN-STATE EMPLOYMENT



## Undergraduate

## Graduate

SD Residents  
Non-Residents

85%  
19%

74%  
9%

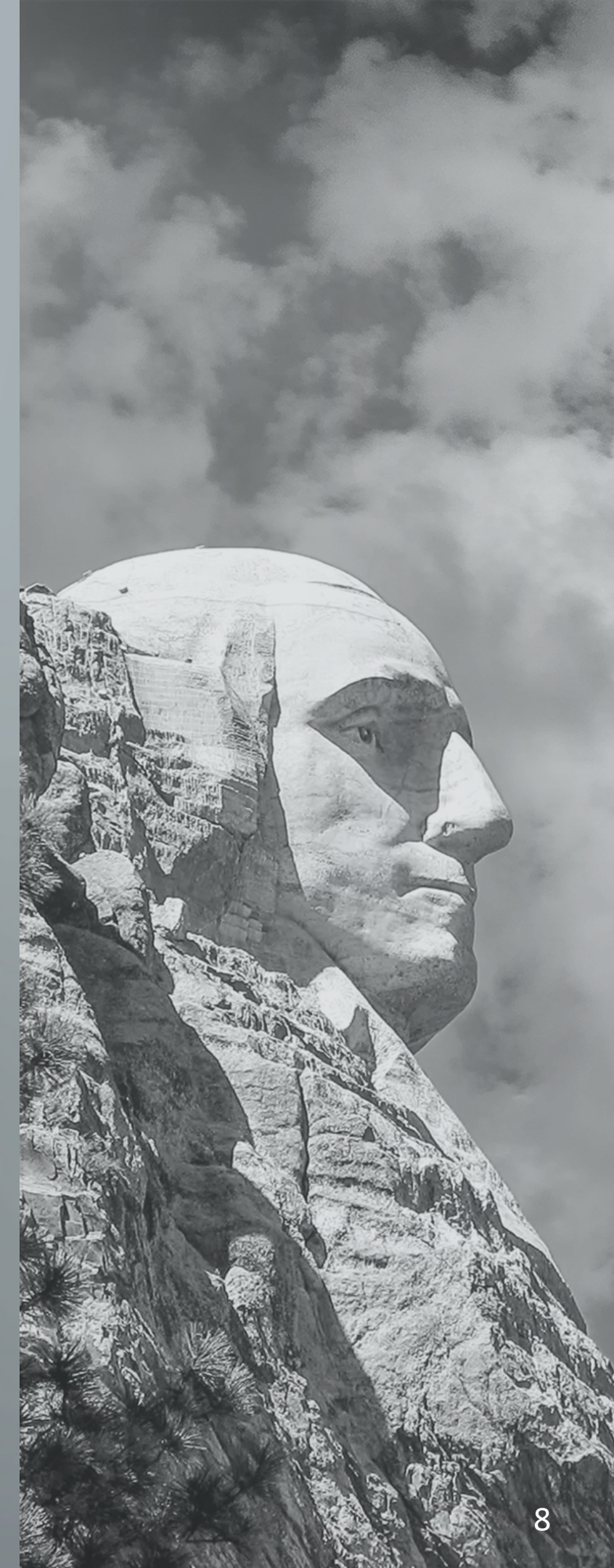


# DEVELOPING A SOUTH DAKOTA CYBERSECURITY WORKFORCE

*From 2015 to 2024*

# of Jobs filled increased by **30%**

# of Job Vacancies increased by **66%**





# DEVELOPING A NATIONAL CYBERSECURITY WORKFORCE

*Cybersecurity Job Opening Increases from 2010 to 2024*

	South Dakota	National
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Jobs Filled	71%	56%
Vacancies	90%	68%





# DSU Maintenance and Repair



## EAST HALL RENOVATION

Constructed in 1901



## BEADLE HALL RENOVATION

Constructed in 1886





# DSU EFFICIENCIES

## Curriculum

- Moved the Respiratory Care program to SDSU in Fall 2020
- Terminated five BBA majors and collapsed them into one major
- Terminated the Health Information Management (HIM) certificate, associate's and bachelor's degree in 2024
- Developed joint programs in 2024 with SDSU and USD

## Staffing

- Each vacancy evaluated and restructured/redeployed to areas of highest need

## Technology

- Implemented Power BI for data management replacing outdated manual reporting
- Implemented automated vulnerability scanning to track security issues

## Processes

- Centralized graduate, online, and international admissions with undergraduate admissions

## Partnerships

- Madison Regional Health
- Madison Police Department
- City of Madison





# DSU INITIATIVES

SB54: DSU Cyber Program  
Expansion

*2022 Legislative Session*

SB45: Center for Quantum  
Information Science and Technology

*2024 Legislative Session*





# DSU STUDENT ACHIEVEMENTS



COMPETITIONS



INTERNSHIPS/APPRENTICESHIPS



RESEARCH



JOB PLACEMENT