

January 19, 2022

# RENOVATION of MATH/STATS BUILDING

## FY23 State Funded Capital Development Project Request

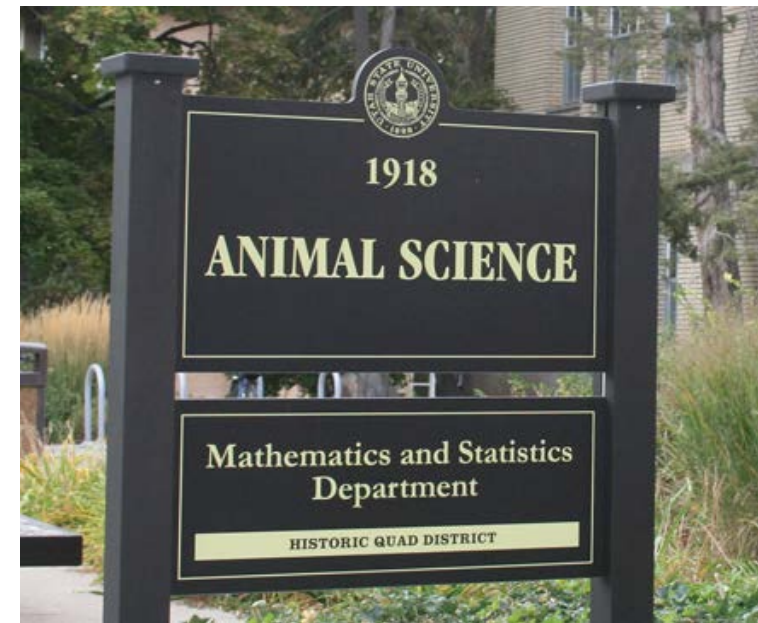
Presented by  
President Noelle E. Cockett



# RENOVATION of MATH/STATS BUILDING

## The Project:

- Renovation is proposed for the historic 1918 Animal Science building located on the USU Quad
- Mathematics and Statistics department is housed in the building (Animal Science name remains for historical purposes)
- Structure is well maintained but suffers from nearly every age-related building deficiency
- Project will return building to optimal condition
- Reconfigured space will provide mathematics and statistic tutoring, study, and student support space



# RENOVATION of MATH/STATS BUILDING

## Building Upgrades:

- Address code deficiencies (structural/seismic, mechanical, electrical, ADA, fire safety, etc.)
- Install central mechanical system to add much needed ventilation and air conditioning
- Improve energy efficiency with proper insulation
- Repair exterior concrete deterioration while preserving the architectural beauty of the building
- Reconfigure portions of the interior building space to improve circulation, space utilization, and efficiency
- Create additional useable space





# RENOVATION of MATH/STATS BUILDING

## Strategic Objectives:

### **Access and Capacity**

- In 2012, the Department of Mathematics and Statistics moved from Lund Hall to Animal Science
- In 2018, math/stats tutoring moved from Student Affairs to the Department of Mathematics and Statistics
- All USU students, regardless of the campus, need math proficiency and targeted tutoring
- Project will enlarge math and statistics tutoring space in the building, including virtual services
- New and renovated areas will be provided for students who deliver tutoring services



# RENOVATION of MATH/STATS BUILDING

## Strategic Objectives:

### **Affordability**

- The Animal Science building is highly valued for its historical value and architectural style
- New building systems, reconfigured space, and energy efficiency measures will extend its useful life for many decades
- Renovation is a very affordable way to maximize the academic value of the building while maintaining its legacy
- A relatively simple enhanced floorplan, including a remodel to the attic, will greatly enhance space utilization



# RENOVATION of MATH/STATS BUILDING

## Strategic Objectives:

### **Workforce**

- Proficiency in basic mathematics is foundational for nearly all job categories and extensive math skills are required for many professions
- The department has ~290 undergraduate and ~60 graduate students, with ~60% of the undergraduates in education majors
- Tutoring by Math/Stats students enhances their teaching skills while helping all students achieve math proficiency and skills

### **Diversity, Equity, and Inclusion**

- Former math/stats tutoring space remodeled for the Veterans Resource and Latinx Cultural Center offices





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## Project Budget:

<b>PRELIMINARY COST ESTIMATE</b>	<b>\$22,164,000</b>
<b>TOTAL PROJECT SPACE (GSF)</b>	<b>32,504</b>
<b>New Space (GSF)</b>	<b>0</b>
<b>Remodeled Space (GSF)</b>	<b>32,504</b>
<b>Space to be Demolished (GSF)</b>	<b>0</b>
<b>INCREASE IN STATE FUNDED O&amp;M</b>	<b>\$59,708</b>
<b>STATE FUNDED REQUEST</b>	<b>\$22,164,000</b>



# RENOVATION of MATH/STATS BUILDING

## Summary of the Project:

- Renovation of 103-year-old building on the USU Logan campus will extend its lifespan by decades
- Modest investment of \$22M will address infrastructure issues such as central air, energy efficiency and space utilization
- Mathematics and Statistics students will have modernized spaces for study and faculty engagement
- Tutoring capacity for all USU students (in person and virtual) will be enhanced by increasing dedicated areas

