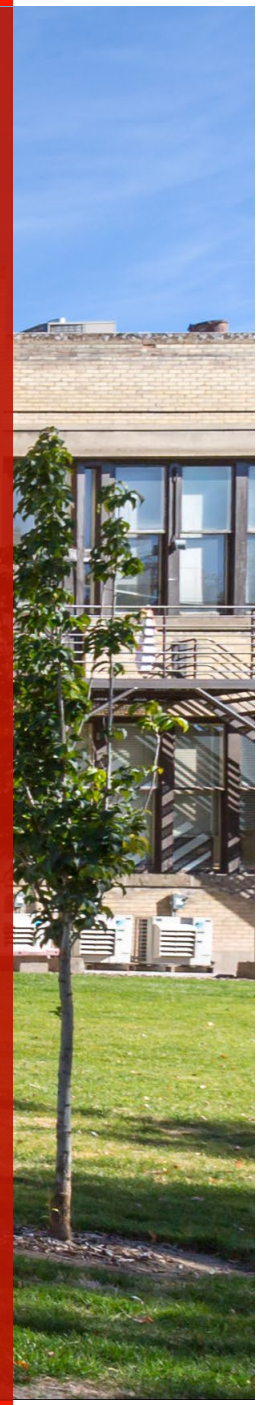
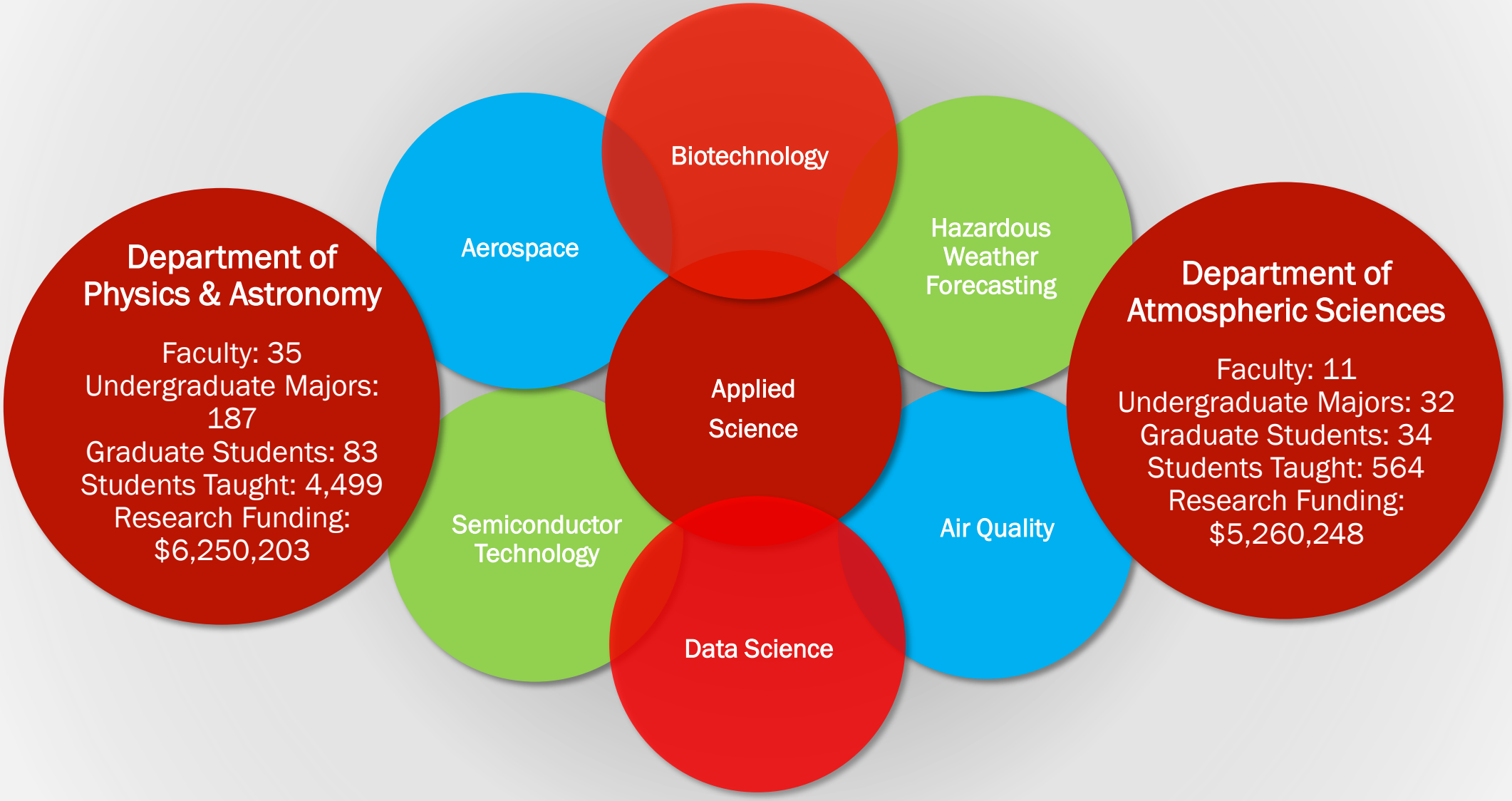
THE UNIVERSITY OF UTAH®

The Stewart Building for Applied Sciences

Elevating Statewide STEM Success



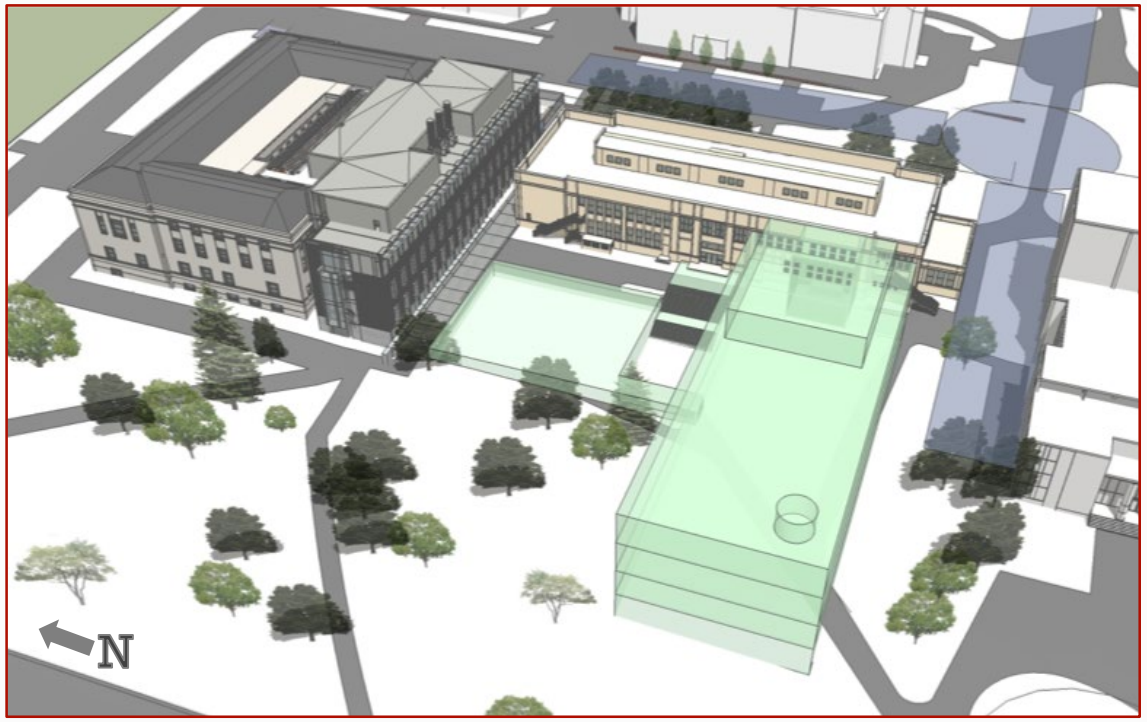
Building Use



Remodeled Space: 40,729 SF

New Space: 100,000 SF

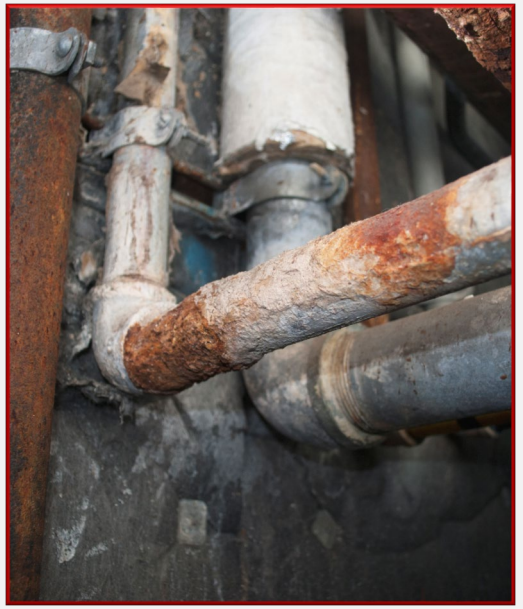
- 91% Instruction & Research Space
- 9% Offices for Faculty and Staff
- Preservation of the Historic Stewart Building



Total Cost: $84,560,000

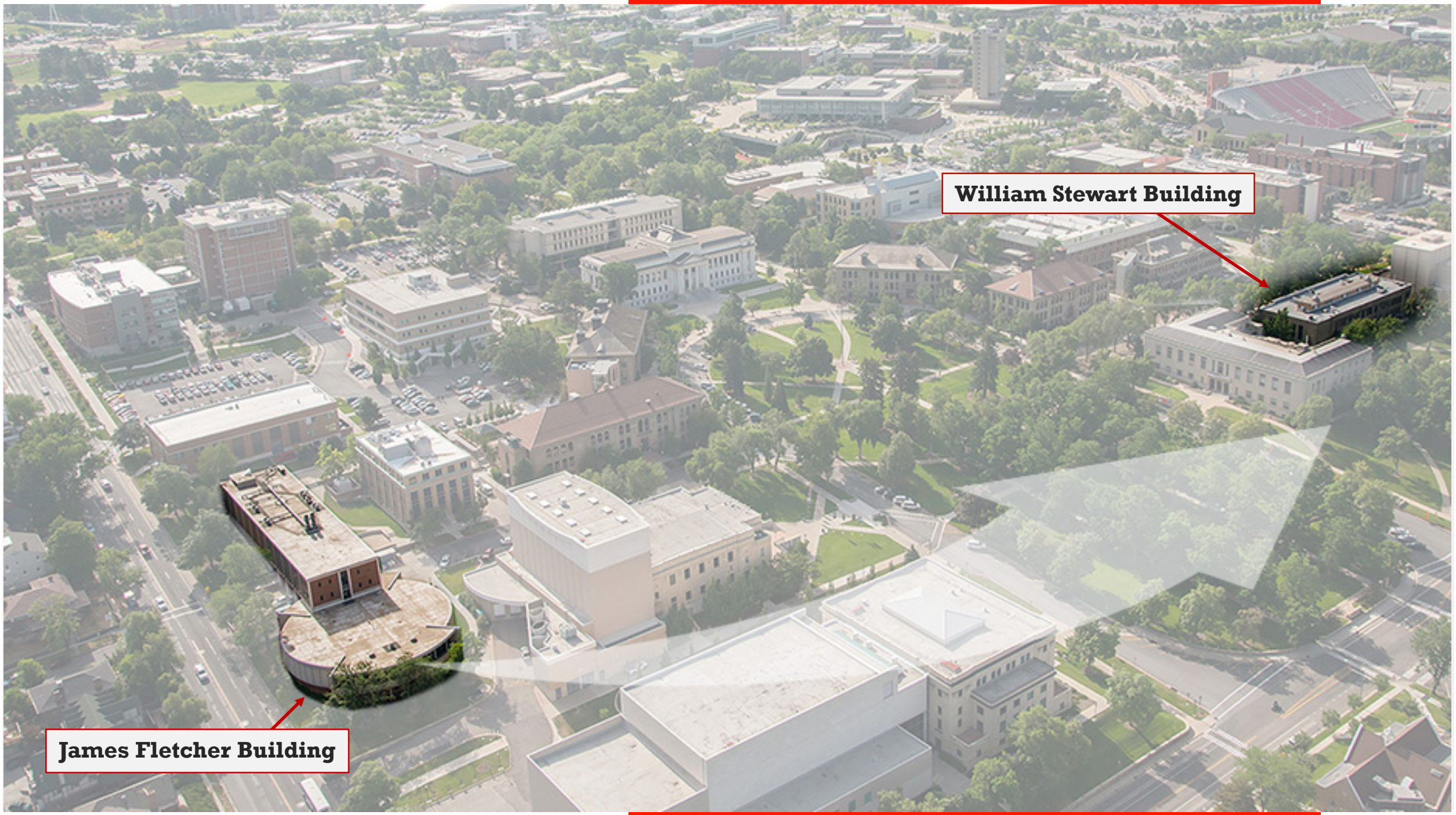
Requested from State:	$60,000,000
Private Funding:	$24,560,000
Current Donor Commitments:	$11,000,000
O&M Increase:	$646,520

Understanding the Need



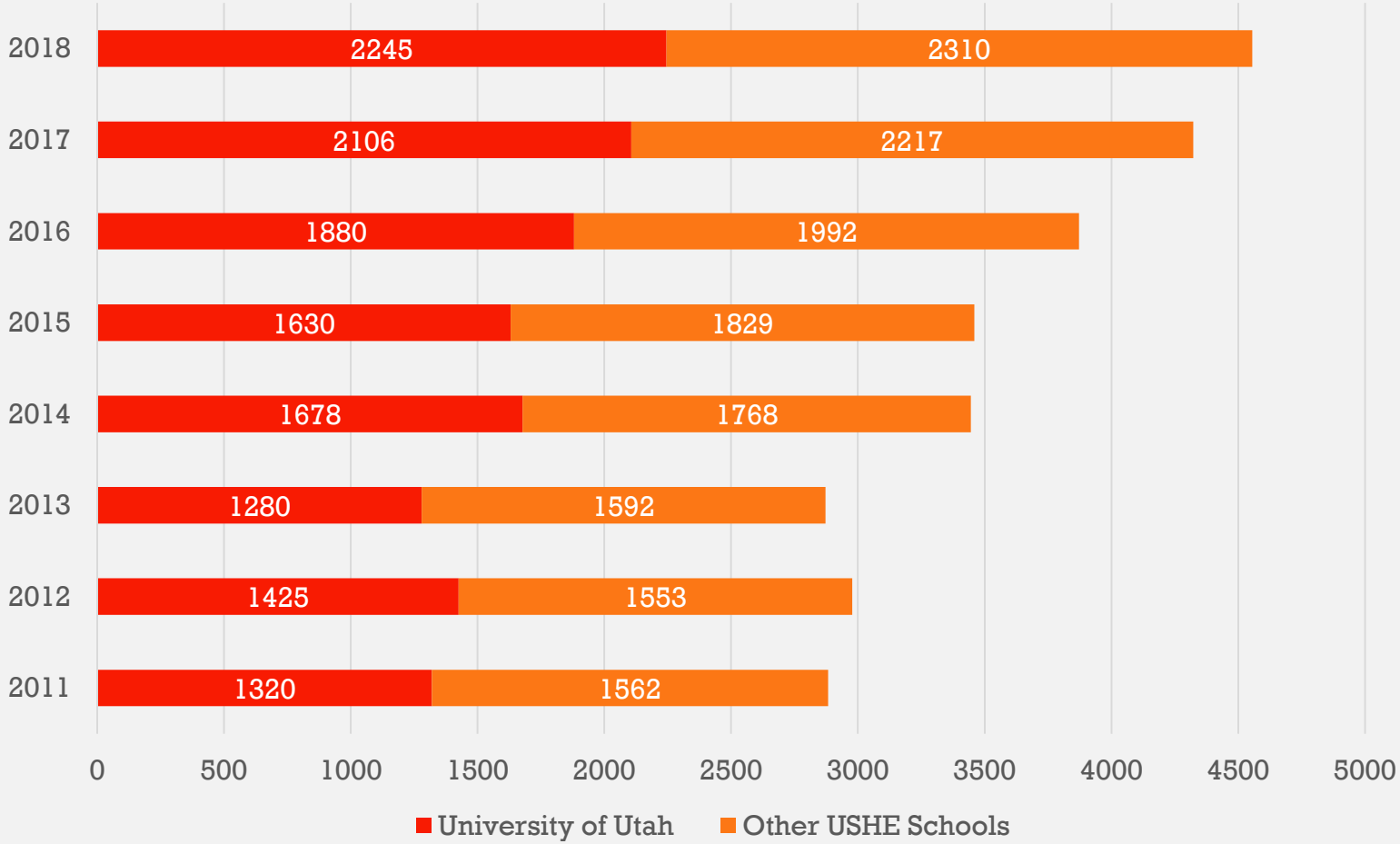
“[Maintenance] costs will only escalate and still barely stay ahead of their failing systems. The current state of these aging facilities and failing infrastructure places them in immediate crisis.”

Source: 2018 Feasibility Study


William Stewart Building
James Fletcher Building

Educating Skilled STEM Employees

STEM Degrees Awarded by USHE Institutions



58%

Increase in STEM Degrees Systemwide since 2011

49%

of STEM Degrees in 2018 were Awarded by the University of Utah

Source: IPEDS

Others

- Architecture
- Design
- Doctorate in Pharmacy
- Environmental Studies
- Geographic Information Science
- Geography
- Health Society and Policy
- Kinesiology
- Music Technology

College of Mines & Earth Sciences

- Atmospheric Sciences (BS, MS, PhD)
- Earth Science Teaching
- Geology and Geophysics
- Geological Engineering
- Metallurgical Engineering
- Mining Engineering

College of Science

- Applied Mathematics
- Biology & Biology Education
- Chemistry
- Mathematics & Mathematics Education
- Physics & Physics Education (BS, MS, PhD)

Departments in the building teach courses necessary for all these degrees

College of Engineering

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Construction Engineering
- Electrical Engineering
- Entertainment Arts and Engineering
- Materials Science
- Mechanical Engineering

Pre-Professional Programs

- Chiropractic
- Dental
- Medical
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Podiatry
- Veterinary

Undergraduate Labs

56% increase in experimental and computing labs

Instruction Space

Modern experiential teaching space

Time to Graduation

Reduce bottlenecks in high-demand courses

K-12 STEM Education

Integral part of Utah's STEM education pipeline

Graduate Degrees

Supply 88% of all USHE physics graduate degrees


ARUP LABORATORIES
NATIONAL REFERENCE LABORATORY
NORTHROP GRUMMAN
Utah Community CREDIT UNION
L3 Technologies
amazon
iFLASH
AN INTEL, MICRON VENTURE
HUNTSMAN CANCER INSTITUTE UNIVERSITY OF UTAH
E&S
EVANS & SUTHERLAND
UNIVERSITY OF UTAH HEALTH CARE
MOTOROLA
O.C.TANNER
Engaging Workplace Cultures
qualtrics
GRANDEUR PEAK FUNDS
ELEVATED GLOBAL INVESTING
U.S. AIR FORCE
Goldman Sachs
Intermountain Healthcare
ZIONS BANK
STOEL RIVES LLP
NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

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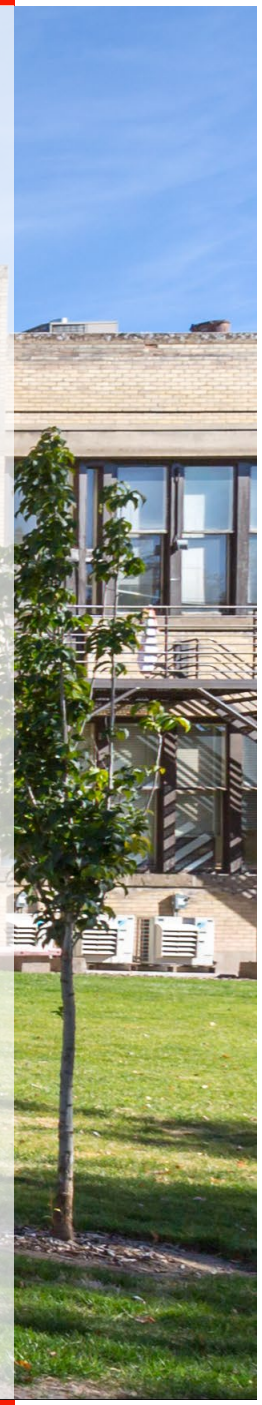


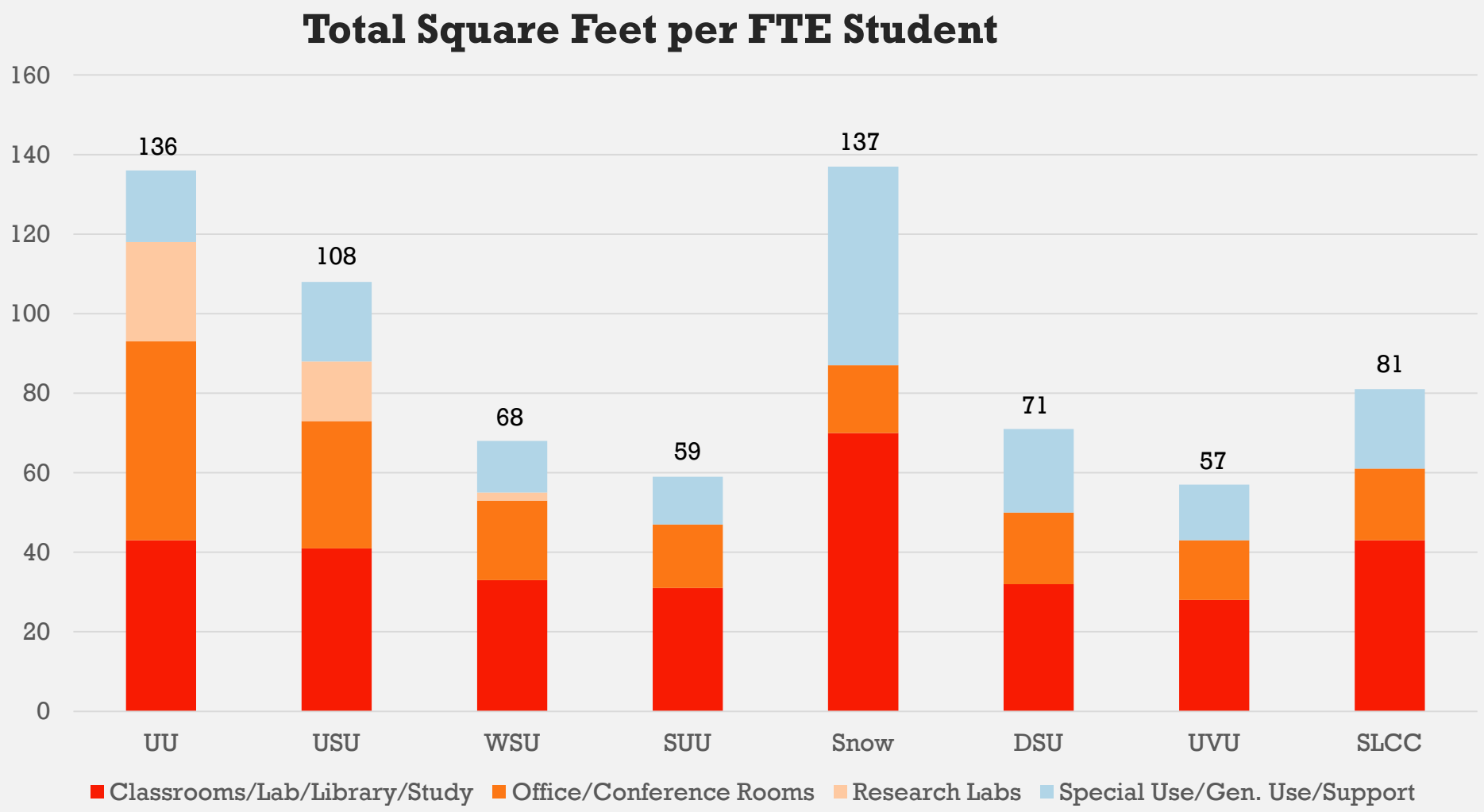
Supplemental Material: Alternative Building Option

		Stewart Building			Fletcher Building		
		Sq. Ft.	Cost per SF.	Total	Sq. Ft.	Cost per SF.	Total
Existing Building	Seismic Upgrade	40,729	$34	$1,400,000	53,860	$550	$29,600,000
	Life Safety Upgrade		$27	$1,100,000		$24	$1,300,000
	Infrastructure Upgrades		$106	$4,300,000		$123	$6,600,000
	Renovation		$420	$17,113,731		$420	$22,631,185
New	Addition	100,000	$606	$60,646,269	86,869	$606	$52,682,807
Total		140,729	$601	$84,560,000	140,729	$802	$112,813,993

$28,253,993

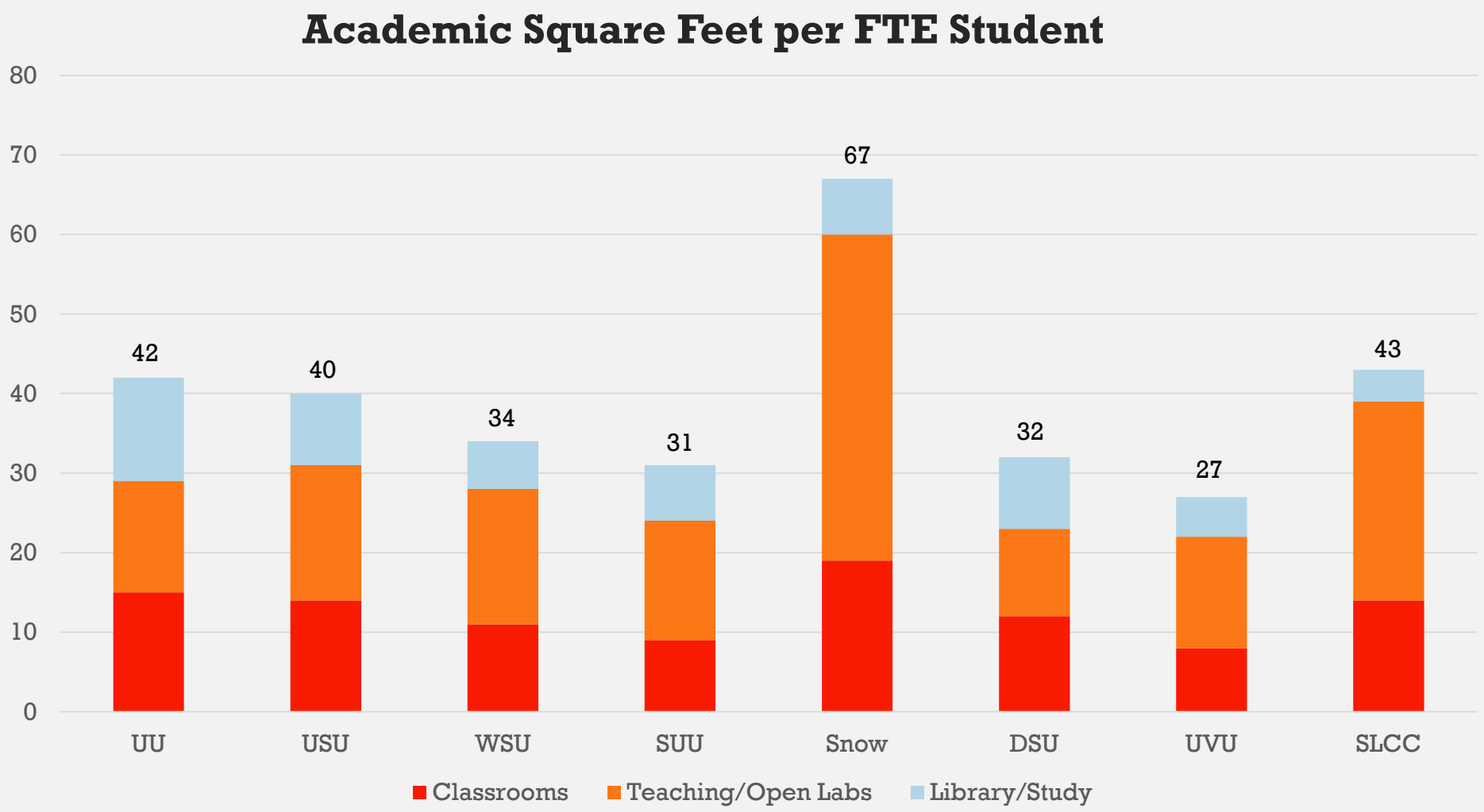
Savings with Proposed Project

Supplemental Material



Source: USHE 2019 Data Book

Supplemental Material



Source: USHE 2019 Data Book