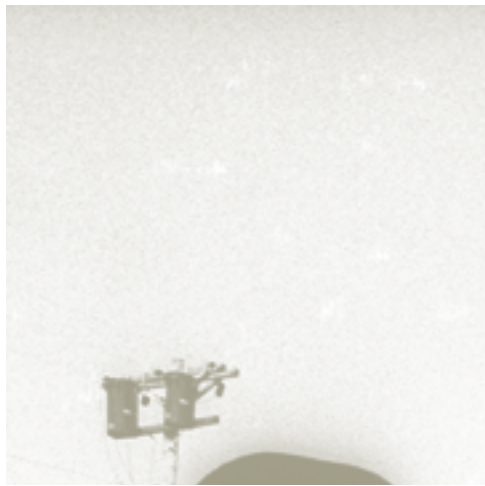


THE CASE FOR
THOMPSON HALL

THE SCIENCE CENTER AT PUGGET SOUND



President R. Franklin Thompson (1942–1973) oversees the construction of the building named in his honor in 1968.



THE SCIENCE CENTER AT PUGET SOUND

THE CASE FOR THOMPSON HALL

At the University of Puget Sound, we believe that it is our responsibility to help young men and women understand themselves as well as their world. We feel that a strong undergraduate program of science in the liberal arts atmosphere will help students to become scientists who understand people as well as scientific data, feelings as well as formulas, human actions as well as chemical reactions.

R. FRANKLIN THOMPSON

UNIVERSITY OF PUGET SOUND PRESIDENT

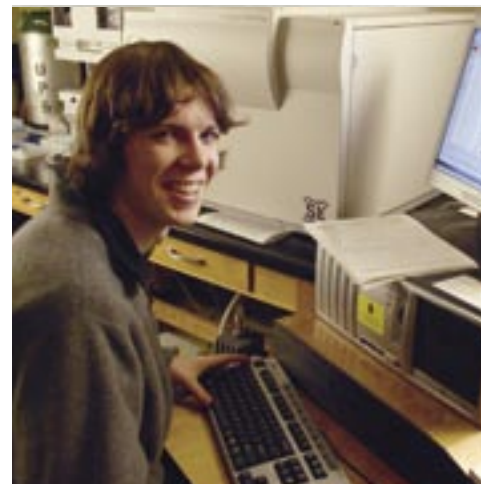
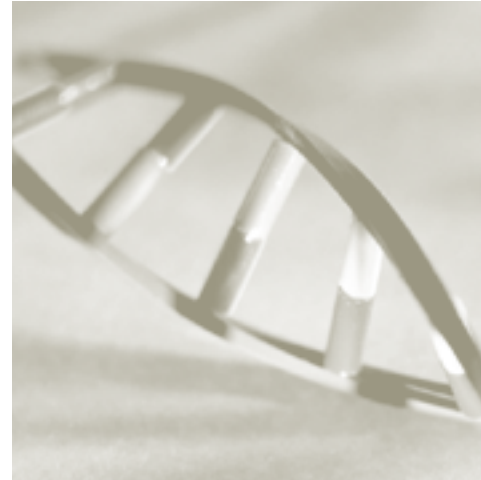
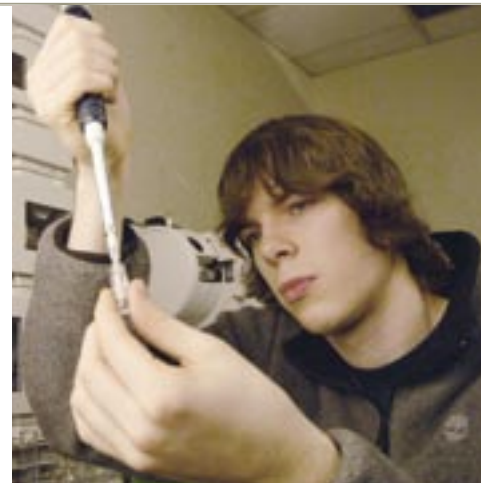
1942–1973

When President Thompson first wrote these words, it would have been hard for him to predict the changes ahead for both the study of science and for the University of Puget Sound. The scientific discoveries of the recent past have been nothing less than astonishing as scientists have begun to unlock genetic codes, computers have evolved from warehouse-sized behemoths to impossibly tiny structures the size of the head of a pin, and previously lethal diseases have been controlled or cured.

In this same period of time, Puget Sound has emerged as a national liberal arts college on par with the finest institutions in the country. With the vision we have for a thoroughly renovated Thompson Hall, combined with the spectacular addition of the newly completed Harned Hall, Puget Sound will be positioned as one of the premier liberal arts colleges for the study of science, with a first-rate science facility unlike any other in the world.

The renovated Thompson Hall is designed to facilitate interdepartmental research and support emerging disciplines.

Assistant Professor of Chemistry Christine Smith and Brady Evans '08 are using mass spectrometry to investigate chemical changes on proteins involved in packaging DNA into cells. The renovations to Thompson Hall, and the addition of Harned Hall, will facilitate their project by creating a new community space between the departments of chemistry and biology that will house instruments and supplies to be used in the university's new biochemistry and molecular biology programs.



TOP-TIER SCIENCE CENTER

Thompson Hall renovations complete a \$63 million commitment to the sciences

Thompson Hall has been a fixture on the University of Puget Sound campus for 38 years. Named for Puget Sound's tenth president—R. Franklin Thompson, himself a fixture on the university's campus for many years—the building's laboratories and classrooms have served generations of students who have become doctors, mathematicians, geologists, chemists, physicists, and engineers.

Today, thanks to their thorough exposure to the sciences, Puget Sound graduates are accepted by the nation's best medical and graduate schools at a rate that far exceeds the national average. They become leaders in virtually every field of scientific study—fields that have broadened immeasurably in the past four decades. Indeed, from astrophysics to zoology, scientists today are exploring frontiers unimaginable just four decades ago.

Consider that when Thompson Hall first opened in 1968, its occupants studied biology, chemistry, geology, mathematics, and physics. Laboratory work required tools such as Bunsen burners, glass chromatography columns, oscilloscopes, and wave tanks. Today, in addition to these traditional courses of study, students also study biochemistry, cellular

molecular biology, computer science, environmental studies, and geochemistry, and their tools include DNA sequencers, electron microscopes, liquid chromatograph/mass spectrometers, nuclear magnetic resonance spectrometers, and polymerase chain reaction machines.

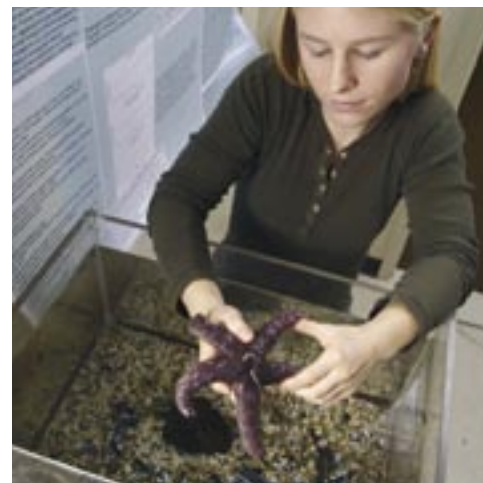
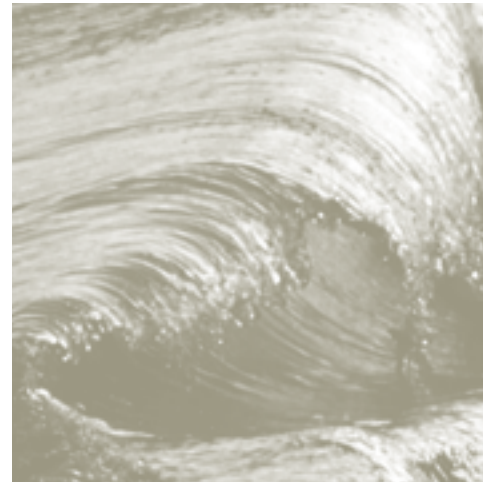
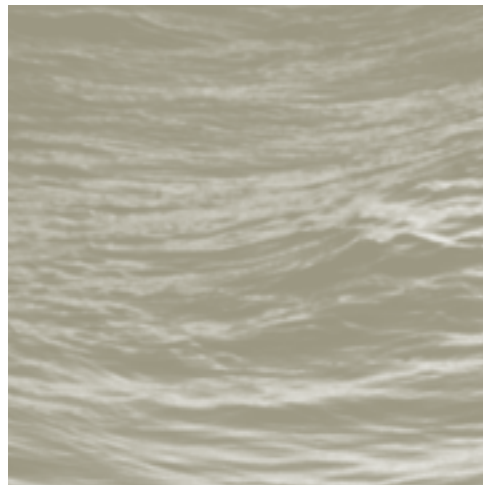
In 2002, in order to build upon its strong tradition of study in the sciences and to vault the university into the top tier of undergraduate science education, Puget Sound committed to invest \$63 million to expand and renovate its science facilities. Once completed, this ambitious initiative will provide improved spaces and systems for teaching and research; enhanced opportunities for interaction among students and faculty; increased interdepartmental activity; greater visibility for the sciences on campus and beyond; and flexibility to adapt to future changes in science curricula and methodology. The first phase of this investment is visible today in Harned Hall. The second phase consists of the renovation of venerable Thompson Hall.

Renovation of Thompson Hall

As those familiar with Thompson Hall can attest, the facility is massive. At 121,000 square feet, it contains the floor space of just under 26 regulation-size basketball courts. While the exterior facade of the building will remain familiar, the inside of the structure will be completely reconfigured to meet the evolving needs of students and faculty. Teaching and learning today are more interactive and more hands-on than they were in 1968. Where once large lecture halls and large laboratories were the standard, today's study requires the flexibility provided by smaller classrooms, smaller laboratories, and an array of resource centers. The renovated Thompson Hall will reflect these changes by providing spaces for small groups of students, or even single students, to work directly with faculty to hypothesize, experiment, observe, explore, and discover. Advanced ventilation, modular space designs, and flexible layouts will allow more students to design and implement independent study projects. Faculty research labs will provide spaces for the university's talented teachers and mentors to pursue their own scholarly research.

Puget Sound's science program prepares students for graduate school and beyond, while encouraging them to conduct meaningful research during their undergraduate years.

Biology major Liz Fly '06 is conducting an interdisciplinary study on the physiology and ecology of the ochre sea star, *Pisaster ochraceus*. In addition to an honors thesis and biology senior thesis, she has presented her research at the M.J. Murdock Charitable Trust Undergraduate Research Conference and at a national conference for the Society of Integrative and Comparative Biology. Liz plans to pursue postgraduate work in physiological biology following graduation from Puget Sound.



The renovated Thompson Hall will contain classrooms, teaching and research laboratories, conference rooms, resource centers, faculty offices, and student study spaces for the departments of biology, chemistry, computer science, geology, math, and physics, as well as for the interdisciplinary departments of biochemistry, cellular molecular biology, and environmental studies.

The \$38 million renovation of Thompson Hall and the construction of the \$25 million Harned Hall represent a tremendous investment in the future of scientific study at the University of Puget Sound. When completed, the facilities will provide the kind of environment befitting the university's world-class science faculty and talented students. The message is clear—Puget Sound intends to provide among the best undergraduate scientific learning experiences of any liberal arts college in the nation.

SLATER MUSEUM OF NATURAL HISTORY

If one were to journey to the Slater Museum of Natural History on the University of Puget Sound campus, the path would lead to an obscure third-floor room in Thompson Hall. Interred in this space is the state of Washington's second largest collection of natural artifacts, including mammals, reptiles, birds, and insects, and one of the world's most important bird-wing collections. Founded in 1930, the museum and its treasure-trove of more than 65,000 meticulously cataloged specimens is a remarkable tool for Puget Sound students and faculty, visiting scholars from the Pacific Northwest and beyond, and Tacoma-area school teachers and their students. The current location of the Slater Museum and its space constraints, however, have severely limited access to this tremendous resource.

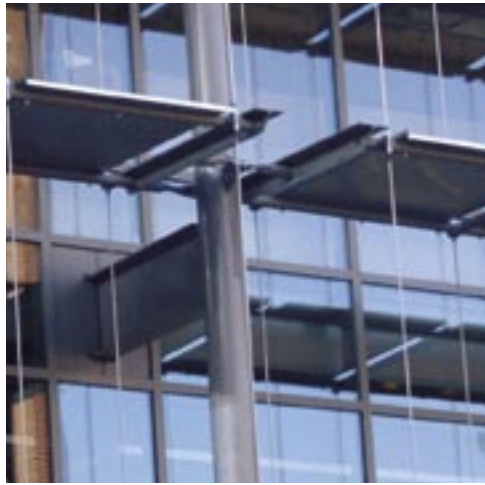
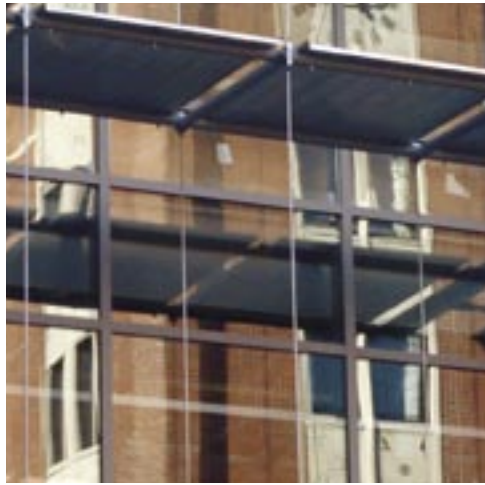
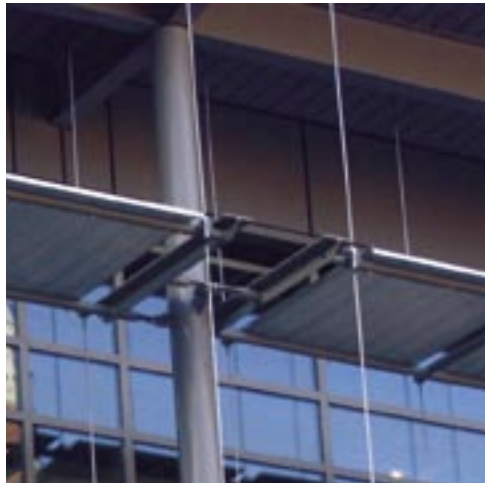
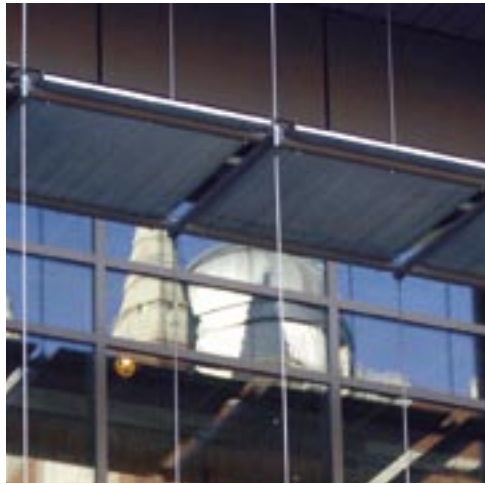


The renovation of Thompson Hall will provide a new facility for the Slater Museum that will permit rotating and permanent displays of large portions of the collection. Once housed in a true museum setting, the collection can be fully and properly utilized by students and scholars.

“The Slater Museum, the largest research and teaching natural history collection at a liberal arts college, is probably the best kept secret at Puget Sound. New displays will be designed to complement classes and highlight natural history of the Pacific Northwest, and the museum will increase its ongoing collaboration with local school and community groups.”

Peter Wimberger
Professor of Biology
Director, Slater Museum of Natural History

Thompson Hall and the clock tower are reflected across the courtyard in Harned Hall's east-facing glass colonnade.



Harned Hall: Closing the Loop

Harned Hall, named for Tacoma-area developer and philanthropist H.C. “Joe” Harned ’51, completes both physically and conceptually the Science Center at Puget Sound. Built along Union Avenue and bridging the north and south wings of Thompson Hall, Harned Hall adds more than 50,000 square feet of primarily laboratory space for teaching and research. The location of the facility not only unifies Thompson Hall but also creates a lively and functional courtyard that encourages faculty and student interaction—not just among science faculty and majors but among all Puget Sound faculty and students. Harned Hall, along with the renovated Thompson Hall, also features examples of “science on display,” including practical and artistic representations of scientific principles that are embedded into the building’s design.

Together, Harned Hall and Thompson Hall comprise one of the finest science facilities of any liberal arts college in the country.

This visionary Science Center, with a fully renovated Thompson Hall and new research and teaching laboratories in adjoining Harned Hall, has been designed to demonstrate scientific principles as well as to be a place where science is taught. It will benefit every student on campus and support a highly integrated teaching and learning experience like none other in the nation.



RONALD R. THOMAS
UNIVERSITY OF PUGET SOUND PRESIDENT
2003–PRESENT

THOMPSON HALL NAMING OPPORTUNITIES

Making It Happen

In addition to a significant commitment of institutional resources, the University of Puget Sound seeks to raise gifts in support of the renovation of Thompson Hall. The university is pleased to offer many opportunities to recognize donors or remember loved ones. Commitments to this important project may be honored over a period of up to five years.

Alumni, parents, and friends interested in supporting this project may contact:

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Major Building Features

East Wing	\$2,000,000
North Wing	\$1,500,000
South Wing	\$1,500,000
Observatory & Clock Tower	\$1,000,000

The East Wing, the largest of the three wings of Thompson Hall, will house on its four floors the new Slater Natural History Museum and all conference rooms and classrooms, including a two-story lecture hall. The mathematics and computer science department's administrative and faculty offices, as well as four new computer science laboratories, will find their home in the east wing, too.

The North Wing will house teaching and faculty research laboratories for biology, chemistry, and physics. The main administrative and faculty offices for chemistry and physics will be in the north wing, as will some biology faculty offices.

The South Wing will house teaching and faculty research laboratories for biochemistry, biology, chemistry, environmental science, and geology. This wing will also provide administrative and many biology faculty offices, plus the Thompson Hall elevator.

The Observatory and Clock Tower is one of the campus's most beautiful spires. Its four-sided clock can be seen from many points across campus. The domed observatory at its peak is an important and frequently used aspect of the facility. The tower will also house several faculty offices and provide some of the best views on campus.



Level One












The laboratories and department offices for geology, environmental science, and physics will be located on level one, as will several classrooms. Access to the central courtyard will be from level one.

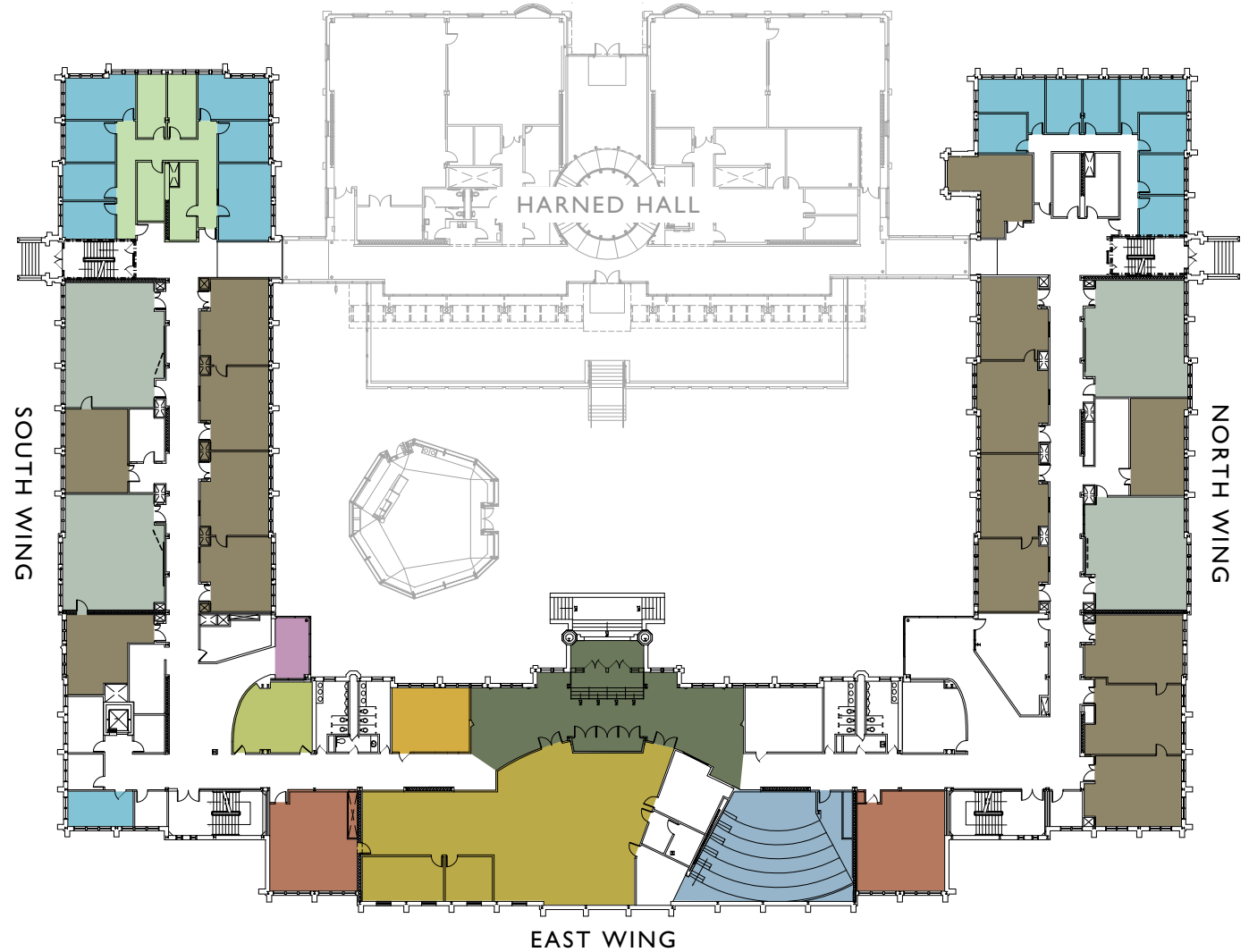
■	Two-Level Lecture Hall (1)	\$500,000
■	Large Teaching Lab (6)	250,000
■	Classrooms	
	Large (1)	150,000
	Small (2)	100,000
■	Computer Lab (2)	100,000
■	Small Teaching Lab/Room (5)	75,000
■	Conference/Seminar Room (2)	75,000
■	Faculty Research Lab (6)	75,000
■	Faculty Offices (15)	35,000
■	Student Research Lab (5)	35,000
■	Department Office Suite (2)	30,000
■	Interactive Space (1)	25,000

(#) indicates number of spaces available

Level Two

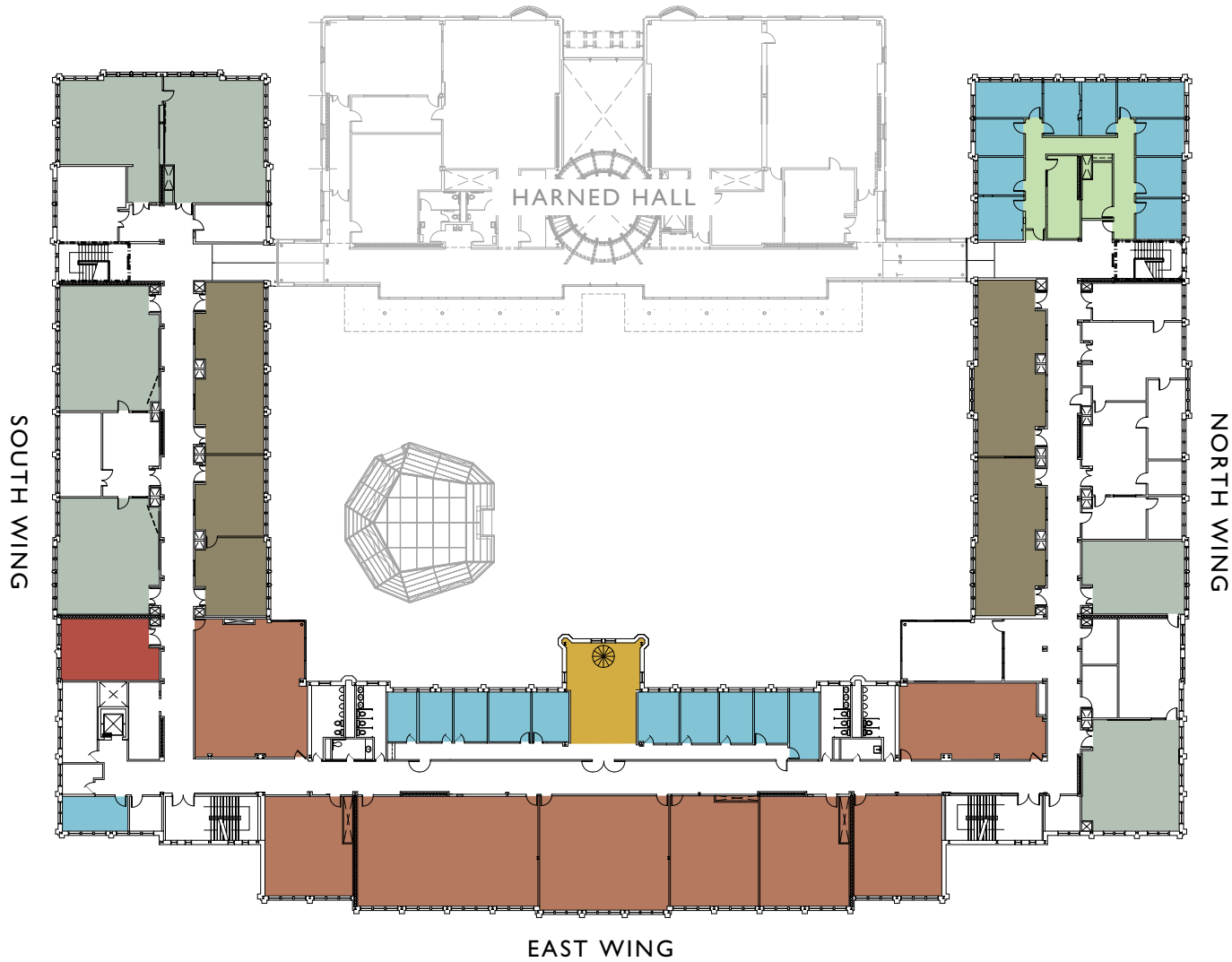
Level two will be home to the chemistry department, several classrooms, and the Slater Museum of Natural History. The main foyer of Thompson Hall on this level will be a busy crossroads between the new courtyard and the museum and an important gathering spot along the north-south corridor of the east wing.

	Two-Level Lecture Hall (1) (same as from Level One)	\$500,000
	Large Teaching Labs (4)	250,000
	Main Foyer (1)	200,000
	Small Classrooms (2)	100,000
	Seminar/Herbarium (1)	75,000
	Faculty Research Labs (15)	75,000
	Medium Conference Room (1)	50,000
	Faculty Offices (16)	35,000
	Department Office Suite	30,000
	Interactive Space	25,000
	Slater Museum Spaces	
	Museum Display Room (1)	250,000
	Museum Classroom (1)	100,000
	Museum Director's Office (1)	35,000
	Museum Admin. Office (1)	30,000



Level Three






Level three will be home to the biology department, including the department’s laboratories and offices. In addition to several classrooms, mathematics and computer science will have offices on this level.

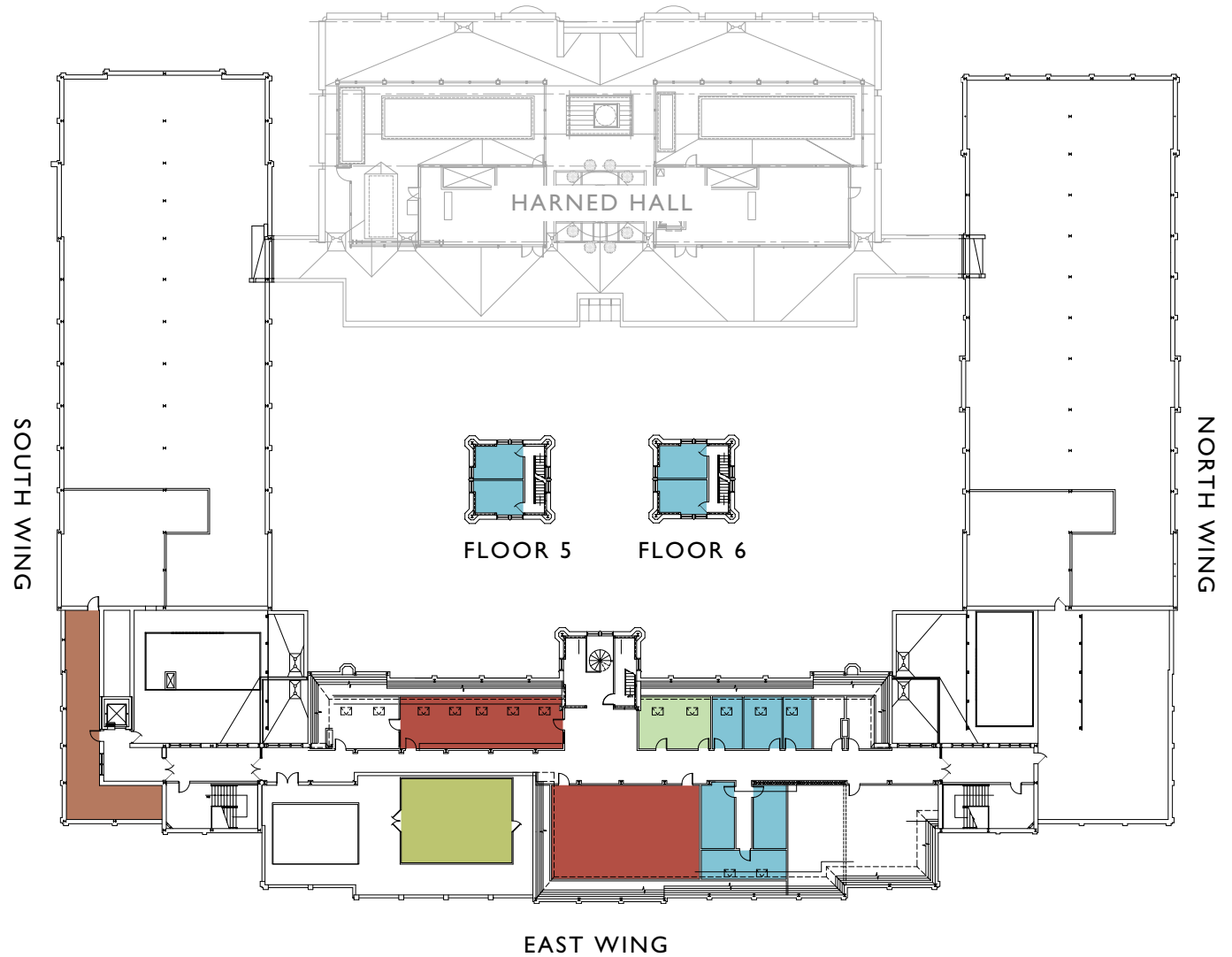


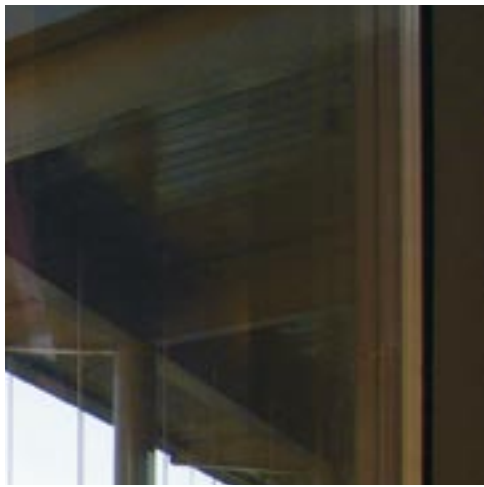
Large Teaching Labs (6)	\$250,000
Classrooms	
Large (1)	150,000
Medium (5)	125,000
Small (2)	100,000
Computer Lab	100,000
Faculty Research Lab	
Large (3)	125,000
Medium (2)	75,000
Department Resource Room (1)	75,000
Faculty Offices (21)	35,000
Department Admin. Office Suite	30,000

Levels Four to Six

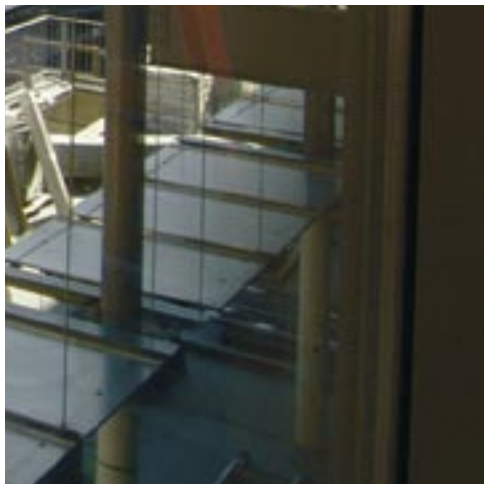
Level four will house the administrative offices and faculty offices for mathematics and computer science. Two new computer laboratories can be found here as well. A roof-top greenhouse and an astronomical observatory deck are interesting features of this floor. Two additional levels of faculty offices are located in the observatory and clock tower above.

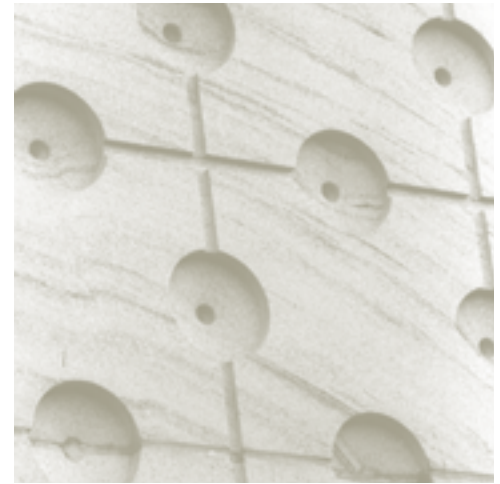
	Astronomical Observatory	
	Deck (1)	\$100,000
	Greenhouse (1)	100,000
	Math/Computer Labs (2)	100,000
	Faculty Offices (10)	35,000
	Department Office Suite (1)	30,000





The University of Puget Sound Science Center will include the completely renovated Thompson Hall joined by the new laboratory building Harned Hall, creating a multilevel, multiuse courtyard accessible from both buildings.





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