HISTORIC RESOURCE SURVEY FORM

University of Oregon Cultural Resources Survey Eugene, Lane County, Oregon Summer 2006

RESOURCE IDENTIFICATION

Current building name: Klamath Hall Historic building name: Science II Building address: 1370 Franklin Blvd.

Ranking: Non-Contributing

ARCHITECTURAL DESCRIPTION

Architectural style classification: Brutalist
Building plan (footprint shape): Rectangular

Number of stories: 4 stories plus a basement

Foundation material(s): Poured concrete

Primary exterior wall material: Poured concrete

Secondary exterior wall material: Metal panels below windows

Roof configuration/type: Flat

Primary roof material: Built-Up Roof

Primary window type: Fixed Primary window material: Metal

Decorative features and materials: Exposed poured concrete structural frame

Landscape features: Science Courtyard with light well at center, bike racks, Streisinger Courtyard to the east
Associated resources: Attached to Onyx Bridge, Willamette Hall and Streisinger Hall; Basement Science Library

Comments: Klamath Hall is a rectangular structure whose dominant visual feature is the expressed structural frame. The metal

windows are set back several feet from the frame.

ARCHITECTURAL HISTORY

Date of construction: 1967

Architect: Skidmore, Owings, and Merrill Builder/Contractor: W.S. Hardie and Sons

Moved? (yes/no): No Date of move(s): N/A

Description/dates of major additions/alterations: Klamath Hall has been periodically remodeled on its interior. Most of these remodels have updated the systems within individual laboratories. The most significant change to the building is the attachment of Willamette Hall to the southern entry façade and Streisinger Hall on the northeastern edge in 1989. In addition, the Science Library light well was altered and bike racks were installed in 1999. Refer to Continuation Sheet 1 for details on specific alterations.

HISTORICAL ASSOCIATIONS & SIGNIFICANCE

Original use(s) or function(s): Science Classrooms

Current use(s) or function(s): Science Classrooms

Area(s) of significance: Education, Architecture Period of significance: 1967

Statement of Significance (use continuation sheet if necessary):

The science departments at the University of Oregon continued to grow in enrollment and specialization during the late 1950s and early 1960s. By the mid 1960s, the facilities in Science I (Pacific Hall) and its East Addition(Onyx Bridge) were cramped and outdated. Emerging fields such as Molecular Biology needed space and specialized equipment. The University planned to augment the science facilities with new buildings. In addition to funding from the State of Oregon, much of the sponsorship for individual laboratories came from grants given by the National Science Foundation and National Institutes of Health.

The selection of Skidmore, Owings, and Merrill (SOM) to conduct the master planning for the science complex and design for Science II is significant in that this was the first firm from outside of the Northwest to design a campus building. This large, international firm is known for technically sophisticated buildings that emphasize utility. The master plan for the science complex called for incremental building with separate structures linked by corridors and courtyards to provide unity. The functional requirements of the departments housed within provide the organizational scheme for each individual building. The design for Klamath Hall (Science II) utilizes modern design principles to respond to the ever-changing functional needs. In keeping with Modernist principles, the only ornament is the expression of the structural frame. Not merely an aesthetic choice, the frame and corresponding lack of internal columns provides for open laboratory spaces, easy internal partitioning, and sun control. The use of fixed windows and reliance on mechanical ventilation also reflect the importance of technology in modern design. The desire to maximize internal flexibility drove the decisions for everything from mechanical systems to laboratory finishes. The Science Library's central location is a hub linking the various departments together. The Library's position in the basement maximizes the coverage on the site with the light well providing daylight and controlled access to the outdoors from within the facility. The Library is emblematic of the connection between utility and technology found throughout Klamath Hall and modern design.

Science II has been an important center for scientists at the University of Oregon since 1967. Alterations and updates to the building keep the facilities current with the latest in technical requirements. In 1990 the building was renamed Klamath Hall. Klamath currently houses facilities for Biology and Chemistry

The design of Klamath Hall emphasized technology and utility. Although designed by a prominent architect, it is not a notable example of their work or of the Brutalist style. The periodic internal remodels are consistent with the design intention to accommodate changing functional requirements. These alterations have not changed the essential form or character of the building. The connection of Willamette Hall and Streisinger Hall in 1989, however, dramatically changed the building. The entry experience and the character of the front elevation are particularly altered although structurally intact. Also, the Science Library light well was redesigned to address leakage problems. The loss of integrity from these additions and alterations combined with its low to very low significance compared to other campus buildings gives Klamath Hall its non-contributing status.

NATIONAL REGISTER ELIGIBILITY ASSESSMENT

Historic Significance (check one): High _ Medium _ Low X Very Low or None Integrity (check one): _ Excellent _ Good X Fair _ Poor Condition (check one): _ Excellent X Good _ Fair _ Poor
Building designation: _ City Landmark _ National Register _ National Historic Landmark X Not listed
Preliminary National Register eligibility findings Building is potentially eligible: Individually or As a contributing resource in a district only
If eligible individually, applicable criteria (check all that apply):
 A. Associated with significant events B. Associated with significant persons C. Distinctive architecturally D. Archaeologically important
If applicable, building qualifies under NR Criterion Considerations: _ Yes _ No If yes, which apply:
Building is NOT eligible: Intact but lacks distinction or X Altered/loss of integrity or Not 50 years old

Survey Form Page 3	Building Name: K	amath Hall		
DOCUMENTATION				
Indicate resources consulted when researching this building (check all that apply):				
X University archives _ Sanborn maps _ State Archives	X UO Planning Office files _ Building permits _ State Library	_ Newspapers _ SHPO files _ State Historic Society		
Local Historic SocietyBiographical encyclopedias	Personal interviewsObituary indexes	_ Historic photographs Other see below		

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Project Manual Specifications for University of Oregon Science Building Second Addition Remodel. Facilities Services, University of Oregon, Eugene. 1971.

Refer to Continuation Sheet 2

RECORDING INFORMATION

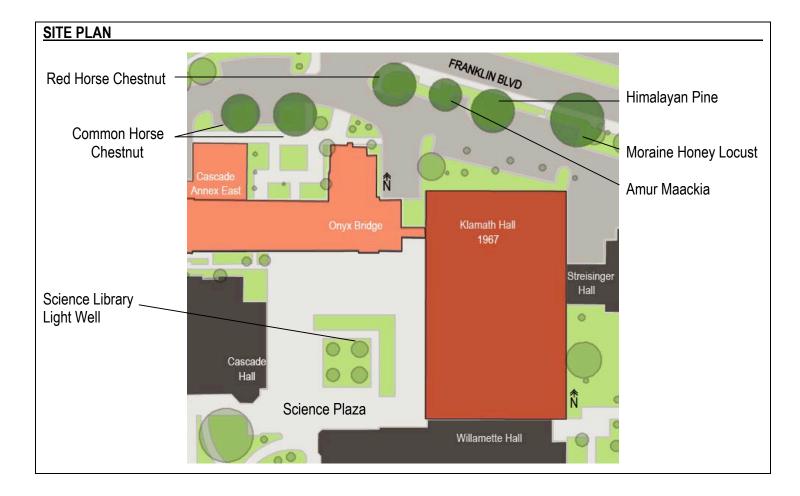
Researched: Jennifer L. Flathman, Erin Pochert, 01/02/2006

Recorded: Susan Johnson and University Planning Office, Summer 2006

Photo number or name: Klamathcropped.jpg

PHOTOGRAPH





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Continuation Sheet 1

Section Architectural History Page 1

1968 Construction of New laboratory spaces

1970 Finishing of Organic Chemistry and Molecular Biology Laboratories including mechanical, plumbing, heating, and ventilation

1971 Remodeling of shafts, roof penthouses and ceiling spaces on each floor for mechanical equipment

1981 Remodeling of rooms 120 and 168 including removal of partition walls and new wall finishes

1981 Installation of Fire Dampers for Room 120

1981 Installation of new ventilation of Electron Microscope room

1982 Ventilation improvements for rooms 168/120

1986 Installation of lighting controls for energy conservation

1986 Installation of heat recovery system for energy conservation

1987 Library Asbestos Abatement Removal of ceiling and sprayed on insulation material

1989 Demolition and replacement of concrete decking in courtyard plaza

1989 Connection to Streisinger and Willamette Hall

1992 Renovation of former chemistry labs into computer labs in basement

1999 Science Library light well altered and covered bike racks installed.

2000 Remodeling of Organic Chemistry lab including HVAC and fume hoods

2001 Renovation of 2nd Floor labs including new casework, lab tops, gas, air, plumbing, electrical hardware, walls, doors, ceilings

2002 Renovation of storage rooms into a teach lab including ADA compliant restrooms

2002 Addition of corridor sprinklers and outlets for future sprinklers

2002 Renovation of Semi-conductor lab including casework, fume hoods, and darkroom

2003 Plaza repair including new concrete slab, bike paths and bike shelters

2003 Remodel of Lonergan Lab with new lighting, electrical, ventilation, and fire controls

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Continuation Sheet 2

Section	Bibliography	Page <u>2</u>

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