Honors Students in Special Collections and Archives: A Long History of Experiential Learning

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Oregon State University Libraries

Honors Education at Research Universities Conference

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Objectives of this Talk

- Examine the case study of Special Collections and Archives in the OSU Libraries as a fruitful environment for experiential learning by OSU Honors students.
- Trace changes in the relationship between OSU Honors students and Special Collections/Archives that came about as a result of institutional shifts within the OSU Libraries.
- Discuss new infrastructure created to further Honors experiential learning in the OSU Libraries Special Collections & Archives Research Center.



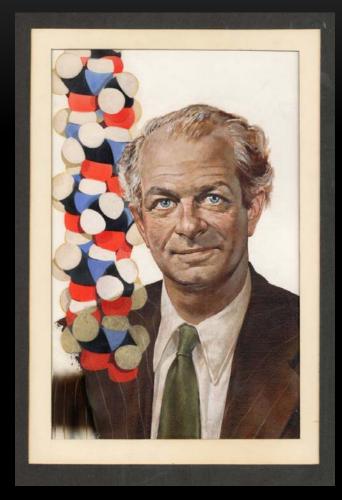
2001: Supervisor

Special Collections: 1999-2011

Context

- Small staff: Administrator, Projects Director, Webmaster
- No dedicated professional reference staff reference desk staffed entirely by students
- Student Staff: 2 FTE
- Repository for a few dozen archival collections
- Heavy focus on Linus Pauling

Linus Pauling: 1901-1994

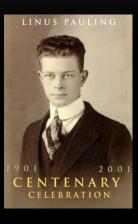


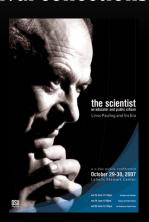
Early Relationship with the University Honors College

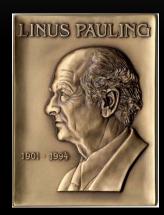
- Honors Chemistry Class
- Improved Efficiency in Hiring
 - UHC effectively serves as a pre-screen for high-caliber student employees
 - Assumptions about Honors students:
 - Intelligent
 - Motivated
 - Able to work independently
 - Strong written communications skills
 - Strong oral communications skills ???

Experiential Learning in Special Collections

- 100% of Reference Desk staffing
 - Able to do because of small number of archival collections
- Special Events
 - 2001 and 2007 conferences
 - Biennial Award Event
- Drop-in Tours
- Specialized skillsets, especially Graphic Design







Experiential Learning (Continued): Technical Support for Digital Initiatives

- Digitization all done in house
- Students support:
 - Scanning
 - Metadata
 - **Transcription**



Linus Pauling Online

DOCUMENTARY HISTORIES



Nature of the Chemical Bond Recounts Pauling's legendary application of quantum mechanics to the scientific understanding of molecular architecture, research that revolutionized structural chemistry and resulted in Pauling's 1954 Nobel Prize in Chemistry.



Structure of Proteins An exhaustive look at Pauling's influential, and sometimes controversial, series of inquiries into

protein structures, the characteristics of antibodies and antigens, biological specificity and much more



It's In The Blood! A detailed analysis of Pauling's

research on immunology, the structure of hemoglobin and the nature of sickle cell anemia - a four-decade program of work that would lead to Pauling's famous fascination with vitamin C.



International Peace Movement

Linus and Ava Helen Pauling forcefully spoke out against Cold War militarism, nuclear proliferation and radioactive fallout. For his work as an activist, Linus Pauling received the 1962 Nobel Peace Prize.



Race For DNA

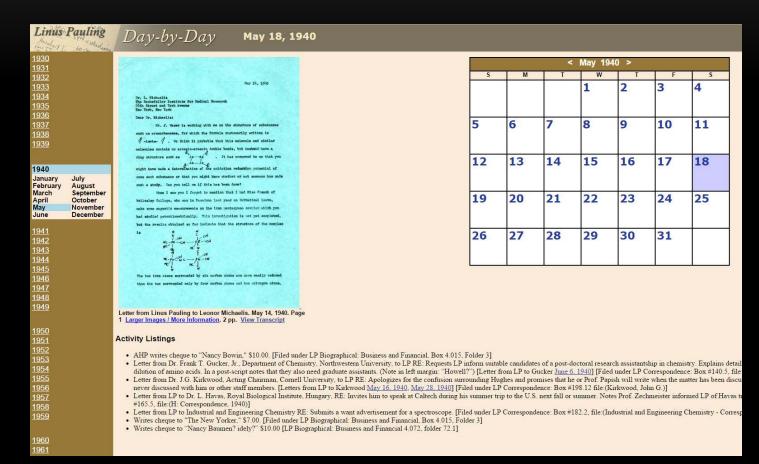
Linus Pauling participated in one of the great "races" in scientific history - the quest to unravel the secrets of DNA. Though Watson and Crick ultimately solved the puzzle, Pauling's role in the story is highly intriguing.



Scientific War Work

A groundbreaking look at Pauling's scientific war research during World War II - a collection of projects that included artificial blood, invisible inks, and a device to measure oxygen levels in airplanes and submarines

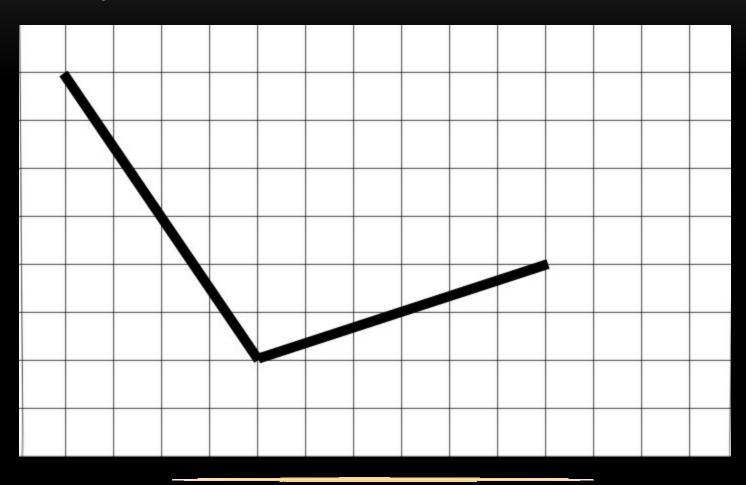
Experiential Learning (Continued): Linus Pauling Day-by-Day



Experiential Learning (Continued): The Pauling Blog



Special Collections & Archives Research Center (SCARC): 2011-Present



SCARC: Context

- Created from a merger of the Special Collections department with the University Archives. (2011)
 - Two departments had existed for a combined total of 75 years, and had developed own specific cultures, despite doing similar types of work.
- SCARC Staffing:
 - Ten faculty and professional staff
 - 4+ FTE student staff
- More than 1,200 archival collections
- Five major collecting areas: OSU History, History of Science, Natural Resources in the Pacific Northwest (including Hops and Brewing), Multicultural Communities of Oregon, Rare Books
- More and trickier reference inquiries
- Heavier foot traffic in the reading room

SCARC: Broad Shifts in Student Duties

- Direct support for individual faculty rather than generalized departmental support
- Support for reference services, rather than majority responsibility
- Shift in focus to arrangement and description (1,200 archival collections vs. a few dozen) and away from digital initiatives (mostly now centralized elsewhere in the library)

A Diminished Presence of Honors Students in SCARC

- Why?
 - No legacy of hiring from the Honors College for the University Archives
 - <u>But More Importantly</u>: OSU History students actively sought out employment with SCARC
 - "Archives" in the name of the department struck History students as a more natural organization to seek out when looking for experience (as opposed to "Special Collections")
 - Economic downturn \longrightarrow students more eager to seek out volunteer opportunities during college years, with hopes of getting a leg up once graduated.
 - As a result, a new hiring model emerged quite unexpectedly: new student assistants hired from the department's existing pool of student volunteers (mostly History students) as opposed to being recruited from outside of the department.

Reinvigorating the Connection with the UHC

- The UHC Student Archivist Postion(s)
 - Funded equally by the UHC and the Library
 - One position in 2014-15, two in 2015-16
 - Open only to UHC students
 - Requires selected students to present quarterly workshops to UHC students introducing them to SCARC's resources and discussing the practice of archival research
 - Has reopened the UHC recruiting pipeline
 - An excellent opportunity for both UHC and Library donors



Partner to Offer the Position of Student Archivist

This position represents a collaboration between the University Honors College (UHC) and OSU Libraries' Special Collections & Archives Research Center (SCARC). The UHC and SCARC have a long-standing relationship that has allowed Honors students and faculty to engage in world-class archival resources like the Ava Helen and Linus Pauling Papers. Over the years, many SCARC student employees have come from the UHC, gaining valuable experience in archive description, access and preservation. The UHC remains committed to connecting students to these valuable employment opportunities and to supporting the appointment of a selected student to the prestigious position of Student Archivist.

Additional Information on the program and the application procedure is available at www.oregonstate.edu/dept/honors/SCARC



Outcomes for Students

- For Honors Students a richer experience
 - Many UHC students are not in the humanities and would not otherwise be exposed to the archival enterprise
 - One student actually changed her career path
- For all students an improved skillset
 - Oral and written communication skills cannot help but be enhanced
 - Often will have a tangible product to show for their work
- The case of the Library Awards survey



Office Manager

Oregon State Libraries - Special Collections October 2002 – June 2006 (3 years 9 months)

Research & Cataloguing Staff

Linus Pauling Special Collections
December 2004 – May 2006 (1 year 6 months) | Corvallis, Oregon Area

Archivist

OSU Special Collections and Archives Research Center September 2010 – June 2013 (2 years 10 months) | Corvallis, Oregon Area

Differing interpretations of what they did...

Thanks!

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