

Catherine Jackson, PhD

Univ. of Wisconsin



Catherine Jackson is Assistant Professor in the Department of the History of Science at the University of Wisconsin - Madison, where she is working to complete her academic monograph: *Material World: Analysis, synthesis and the making of modern chemistry, a new history of the origins and development of synthetic organic chemistry.*

Jackson began working life as a research chemist before becoming a project manager in the petroleum industry, later teaching chemistry and history of chemistry at University College London. She has held research fellowships at the Max Planck Institute for the History of Science, Berlin, Germany, the Chemical Heritage Foundation, Philadelphia, and the University of Notre Dame. She is a member of the Royal Society of Chemistry, a Chartered Chemist, and holds PhDs in organic chemistry (University of Cambridge, 1989) and history of chemistry (University of London, 2009).

The Department of Chemistry & Biochemistry at DePauw University has an innovative curriculum that provides a solid foundation of chemical understanding while allowing students the flexibility to study those areas of chemistry most interesting to them. Our students gain not only chemical knowledge, but also develop excellent problem solving skills. Their education in chemistry, together with DePauw's emphasis on the liberal arts, prepares them well for a variety of opportunities, including graduate school in chemistry or biochemistry, and related science disciplines such as environmental science, pharmacology, materials science, medicine, and law. Students are also ready for careers in chemically related industries, such as sales, drug development, instrumentation, biotechnology, cosmetics, and agrochemicals.



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DePauw University

Department of
Chemistry & Biochemistry

**22nd Annual
Burkett Lectures**



**Honoring
Prof. Howard Burkett**

Thursday 14 April 2016

Previous Burkett Lecturers

2016	Martin Burke	Urbana/Champaign
2015	Vy Dong	UC-Irvine
2013	Tehshik Yoon	Wisconsin
2011	Jon Thorson	Wisconsin
2008	David Williams	Indiana
2007	A. Douglas Kinghorn	Ohio State
2006	Melanie Sanford	Michigan
2003	Tomas Hudlicky	Brock
2001	Chaitan Khosla	Stanford
2000	Greg Petsko	Brandeis
1998	Barbara Timmermann	Arizona
1997	Ken Kirk	NIH
1996	Stephen Byrn	Purdue
1995	Eric Block	SUNY Albany
1994	Eric Silverman	UI Chicago
1993	Bill Roush	Indiana
1991	David Evans	Harvard
1990	John Cassady	Ohio State
1989	Dale Boger	Purdue
1988	Leo Paquette	Ohio State
1987	Nelson Leonard	Illinois
1986	Barry Trost	Wisconsin

The Burkett Lecture Series

The Burkett Lectures at DePauw University were established in 1986 upon the retirement of Professor Howard Burkett. Their primary purpose is to honor the contributions Professor Burkett made to his students in Organic Chemistry, many of whom have gone on to noteworthy careers in science. The generous contributions of friends and former students provide an opportunity for a nationally known chemist to visit DePauw. As such, the Burkett Lectures are the highlight of the Department of Chemistry & Biochemistry seminar program.

Howard Burkett was born on a farm not far from DePauw in 1916. He attended DePauw as a Rector Scholar, graduating in 1938. He then earned a PhD from the University of Wisconsin in 1942 with support from a Lilly Foundation Fellowship. After a few years at the Lilly Laboratories, Howard returned to DePauw as a faculty member in 1945. One of his students was John McFarland '49, who later also taught at DePauw for many years. Our colleague Prof. Jeff Hansen '86, was one of McFarland's students, so his DePauw academic roots can be traced back 82 years to when Howard enrolled at DePauw. Howard passed away in 2009, leaving many family members and friends.

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Dept. of Chemistry

2016 Burkett Lectures

Thursday 14 April 2016

4:00 p.m., Julian Auditorium:

*Emil Fischer and the "Art of
Chemical Experimentation": What
did nineteenth century chemists
actually do?*

7:30 p.m., Julian Auditorium:

*Beyond Genius, Before Theory:
Recovering the lost world of practice
in nineteenth-century chemistry*