

Invites you to

The 2016 Abbott  
Chemistry Lectures  
*April 14 & 15, 2016*

*Given by*

**Dr. David R. Yarkony**

*D. Mead Johnson Professor of Chemistry*

*Johns Hopkins University*

Thursday, April 14, 7:00 PM

Abbott Hall Room 101

*"Photochemistry:*

*After 70 Years a New Paradigm."*

Friday, April 15, 12:00 PM

Abbott Hall Room 138

*"Getting it Right Nonadiabatically."*



David Yarkony received his Bachelor of Arts degree in chemistry from the State University of New York at Stony Brook in 1971 and his Ph. D. in chemistry in 1975 from U.C. Berkeley with Professor H. F. Schaefer. After a two year stint as a postdoctoral research associate with Robert J. Silbey (deceased) studying excitons he moved to Johns Hopkins University in 1977 where he was promoted to Professor in 1984 and D. Mead Johnson Professor in 2002.

Yarkony is best known for his work on the role of conical intersections in nonadiabatic chemistry. The well known photochemist Josef Michl cites work of Yarkony and of Klaus Ruedenberg as ushering in the modern era of nonadiabatic photochemistry. Yarkony is credited with introducing advanced computational techniques to both characterize and represent the electronic structure aspects of nonadiabatic processes.

Yarkony is a fellow of the American Physical Society. His career was celebrated in a Festschrift issue of the Journal of Physical Chemistry A volume 118 number 51, December 2014.

## George A. Abbott, 1874-1973



Dr. George Alonzo Abbott, Professor Emeritus at the University of North Dakota, had a long and fruitful career of service to the State of North Dakota and the science of Chemistry. He was born July 7, 1874, in Alma, Illinois. Dr. Abbott received both the B.S. and M.A. pro merito from DePauw University. From 1896 until 1904 he taught chemistry in high schools in Evansville, Indiana; Duluth, Minnesota; and Indianapolis, Indiana. In 1903, through a contact with Professor Talbot, he received the Austen Research Fellowship at Massachusetts Institute of Technology. Under the guidance of A. A. Noyes, Professor of Physical Chemistry at M.I.T., he received the Ph.D. in 1908. In this first class of doctorates in chemistry were such notables as Edward Washburn, Charles Kraus and Richard Tolman. Dr. Abbott joined the chemistry staff of the North Dakota Agricultural College (North Dakota State University) in 1909. In 1910 he was appointed Professor and Chairman of the Department of Chemistry at the University of North Dakota. His devotion to teaching and the application of chemistry for the betterment of North Dakota was one of his outstanding contributions. His interests in quality water and in natural products such as lignite, for which North Dakota is recognized, gave him national recognition. For half a century he was the only toxicologist in a wide area of the upper midwest. He found time to do a weekly radio program "Science from the Sidelines" which was broadcast for over twenty years. Professor Abbott was a founder and charter member of the North Dakota Academy of Science. He was a member of the Red River Valley Section of the American Chemical Society, a Fellow of the American Institute of Chemists, member of Sigma Xi, and a charter member of the University of North Dakota Phi Beta Kappa chapter. Dr. Abbott retired from administration in 1948 and from teaching in 1952. He continued toxicological work until 1970.

The George A. Abbott Lectureship was established by gifts from the University of North Dakota Alumni.

University of North Dakota, Chemistry Department  
Abbott Hall, 151 Cornell Street  
Grand Forks, ND USA

<http://arts-sciences.und.edu/chemistry/index.cfm>

[und.cheminfo@und.edu](mailto:und.cheminfo@und.edu)

(P) 701-777-2741 (F) 701-777-2331

