

PREVIOUS

GEORGE A. ABBOTT LECTURERS

1963	Dr. Nelson Leonard, University of Illinois
1964	Dr. Robert West, University of Wisconsin
1965	Dr. Robert Parry, University of Michigan
1966	Dr. Ralph G. Pearson, Northwestern University
1967	Dr. Harold J. Bernstein, N.R.C. Ottawa, Canada
1968	Dr. Edward L. King, University of Colorado
1969	Dr. David N. Hume, Mass. Institute of Technology
1970	Dr. Ronald Breslow, Columbia University
1971	Dr. Arnold C. Wahl, Argonne Laboratory
1972	Dr. John L. Margrave, Rice University
1973	Dr. Cheves Walling, University of Utah
1974	Dr. Fred McLafferty, Cornell University
1975	Dr. Daryle H. Busch, Ohio State University
1976	Dr. Hans H. Jaffe, University of Cincinnati
1977	Dr. Roald Hoffmann, Cornell University
1978	Dr. H.C. Brown, Purdue University
1979	Dr. Leo A. Paquette, Ohio State University
1980	Dr. Robert F. Sievers, University of Colorado
1981	Dr. Dietmar Seyferth, Mass. Institute of Technology
1982	Dr. Koji Nakanishi, Columbia University
1983	Dr. Melvin Calvin, University of California Berkeley
1984	Dr. Gabor A. Somorjai, University of California Berkeley
1985	Dr. Harry B. Gray, California Institute of Technology
1986	Dr. Allen J. Bard, University of Texas at Austin
1987	Dr. William J. Bailey, University of Maryland
1988	Dr. Mark S. Wrighton, Mass. Institute of Technology
1989	Dr. Peter B. Dervan, California Institute of Technology
1990	Dr. Robert H. Grubbs, California Institute of Technology
1991	Dr. Andrew Streitwieser, Univ. of California Berkeley
1992	Dr. Marye Anne Fox, University of Texas at Austin
1994	Dr. Kendall N. Houk, University of California, LA
1995	Dr. Edward Yeung, Iowa State University
1997	Dr. Henry F. Schaefer, III, University of Georgia
1999	Dr. Tobin J. Marks, Northwestern University
2000	Dr. Paul A. Wender, Stanford University
2002	Dr. Samuel H. Gellman, University of Wisconsin
2003	Dr. Victor J. Hruby, University of Arizona
2004	Dr. William Miller, University of California - Berkeley
2005	Dr. Barry Carpenter, Cornell University
2006	Dr. Malcolm Chisholm, The Ohio State University

University of North Dakota
Chemistry Department
Abbott Hall Room 236
151 Cornell Street Stop 9024
Grand Forks ND 58202-9024

The University of North Dakota
Department of Chemistry

invites you to

The 2007 Abbott Chemistry Lectures



given by

Dr. Catherine Fenselau

Professor of Chemistry & Biochemistry
University of Maryland

April 26 & 27, 2007

LECTURE 1

Thursday April 26, 7:00 PM

*"Airborne Microorganisms:
Detect to Protect"*

LECTURE 2

Friday April 27, 12:00 PM

*"Proteomics:
The Genome was Easy"*

Catherine Fenselau

Catherine Fenselau is professor of Chemistry and Biochemistry at the University of Maryland, and a member of the Greenebaum Cancer Center at the University of Maryland School of Medicine. Her current research program uses proteomics strategies to study the mechanisms by which cancer cells become resistant to anti-cancer drugs. She is a leader in the development of mass spectrometry for rapid identification of airborne microorganisms. She is associate editor of Analytical Chemistry and was the founding editor of Biomedical Mass Spectrometry (now Journal of Mass Spectrometry). She has received both national and international awards for her scholarship and for her scientific leadership. Fenselau grew up in Nebraska, received her A.B. from Bryn Mawr College in 1961 and earned a Ph.D. from Stanford University in 1965.

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.