



Viresh Rawal, Professor and Chair, Department of Chemistry, University of Chicago:
“Welcome and Opening Remarks,” June 1, 2017. See the symposium’s program below.



David Mazziotti, Professor of Chemistry, University of Chicago, “Discovery of Radiocarbon Dating”

Continued →

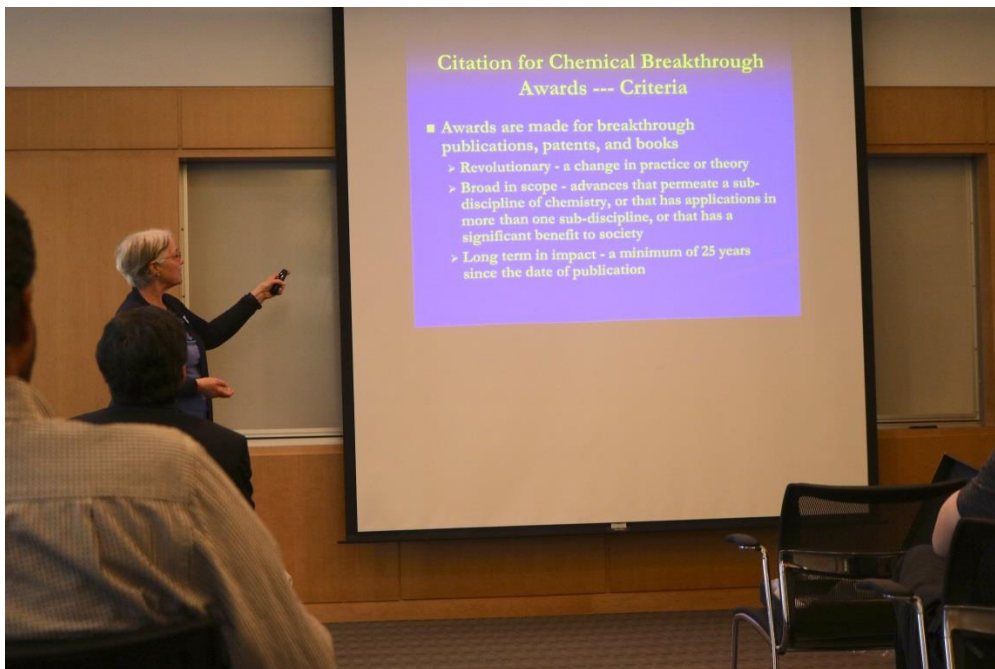


Jarad Lewis, Assistant Professor of Chemistry, University of Chicago, “New Enzyme Platform Technologies: Innovations for Escaping the Tyranny of Functional Groups.”



Surlyanarayanan Valkuntananathan, Assistant Professor of Chemistry, University of Chicago, “Organization in Non-equilibrium Systems.”

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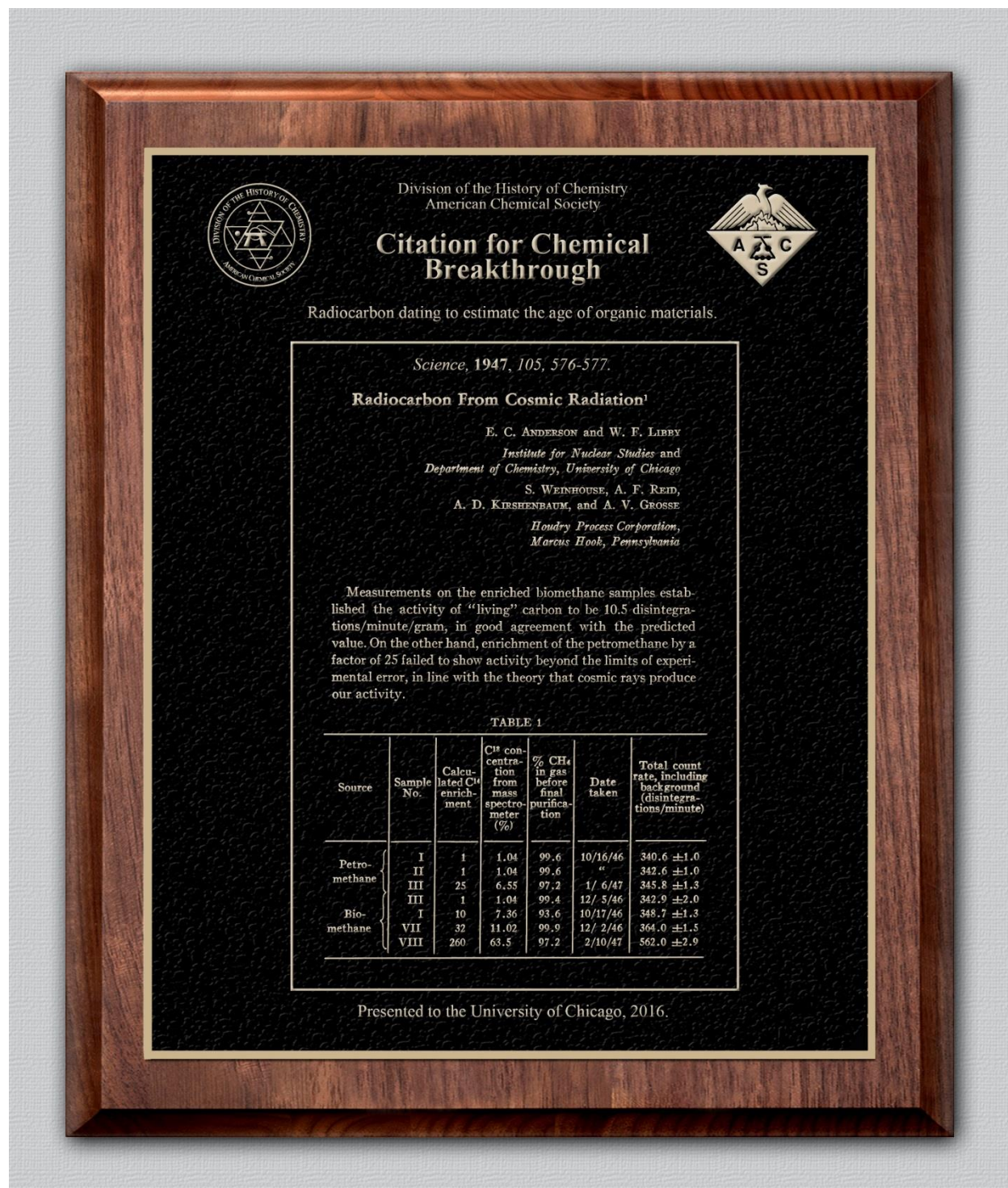


Vera Mainz, Secretary/Treasurer of the Division of History of Chemistry of the American Chemical Society, discussing the Citation for Chemical Breakthrough Award program.



Vera Mainz presenting the award plaque to Viresh Rawal, Professor and Chair, Department of Chemistry, University of Chicago.

Photographs courtesy of Irene C. Hsiao, Editor for the Chemists Club, Department of Chemistry, University of Chicago.



The Award Plaque

Citation for Chemical Breakthrough Awards

In 2006, the Division of the History of Chemistry (HIST) of the American Chemical Society announced the first recipients of the then new Citation for Chemical Breakthrough award program. This award, which recognizes breakthrough publications, books and patents worldwide in the fields of science embraced by the ACS, are presented to the institutions at which the work was performed. One book, three patents and six scientific publications were honored in 2006, the earliest being Moses Gomberg's 1900 classic paper on free radicals.

The term "breakthrough" refers to advances that have been revolutionary in concept, broad in scope, and long-term in impact. Plaques, to be placed in the hallways outside the office or laboratory where the breakthroughs were achieved, will be presented to the departments and institutions at which these breakthroughs occurred. Jeffrey I. Seeman, then Chair of HIST and creator of the award, in 2006 said that the award is intended to celebrate great scientific accomplishments and motivate, through shared pride of achievement. In the program's eleven years, some 50 awards have been presented around the world. Indeed, a Citation for Chemical Breakthrough Award was presented to the University of Chicago in 2006 for the H. F. Fisher, E. C. Conn, B. Vennesland, and F. H. Westheimer publication "The Enzymatic Transfer of Hydrogen. The Reaction Catalyzed by Alcohol Dehydrogenase" that appeared in the *Journal of Biological Chemistry* (1953, 202, 687-697).

A few years later, in 2009, the University of Chicago was again recognized with a Breakthrough Award for the Stanley L. Miller publication "A Production of Amino Acids Under Possible Primitive Earth Conditions" that appeared in *Science* (1953, 117, 528-529).

Welcome and Opening Remarks

Viresh Rawal, Professor and Chair, Department of Chemistry

Discovery of Radiocarbon Dating

David Mazziotti, Professor, Department of Chemistry

Research Presentation

Jared Lewis, Assistant Professor, Department of Chemistry

Research Presentation

Suri Vaikuntanathan, Assistant Professor, Department of Chemistry

Presentation of Plaque

Vera V. Mainz, Director of the Molecular Spectroscopy Laboratory, University of Illinois, Urbana-Champaign, representing the Division of History of Chemistry of the ACS

Closing Remarks

Viresh Rawal, Professor and Chair, Department of Chemistry

RECEPTION IN THE GCIS ATRIUM FOLLOWING PLAQUE CEREMONY