

# HISASHI YAMAMOTO

University of Chicago Professor Emeritus  
Chubu University, Molecular Catalyst Research Center, Director and Professor



**Title of Lecture:** “Catalytic Oxidation, Metal and Non-Metal Systems”

**Phone:** +81-90-9129-1867, +1-773-215-1593

**Email:** [yamamoto@uchicago.edu](mailto:yamamoto@uchicago.edu)

**Education:**

1971 Ph.D. Organic Chemistry, Harvard University  
1967 BS Organic Chemistry, Kyoto University

**Research and Professional Experience**

1971-1972 Researcher, Toray Industries, Inc. (Prof. J. Tsuji, Adviser)  
1972-1976 Instructor, Kyoto University  
1976-1977 Lecturer, Kyoto University  
1977-1980 Associate Professor, University of Hawaii  
1980-1983 Associate Professor, Nagoya University  
1983-2002 Professor, Nagoya University  
2003 Professor Emeritus, Nagoya University  
2002- Professor, The University of Chicago  
2012- Professor Emeritus, University of Chicago  
2012- Professor and Director of Molecular Catalyst Research Center, Chubu University  
2012- Research Supervisor, JST Crest Project of Molecular Technology

**Research Interests**

Catalytic Asymmetric Synthesis for Carbon-Carbon Bond Formation, Catalytic Asymmetric Oxidation

**Awards and Honors**

Organic Reaction Lecturer, 1988; IBM Science Award, 1988  
Houkou Award, 1991; Chunichi Award, 1992  
Prelog Medal, 1993; Merck-Schuchardt Lectureship, 1994  
The Chemical Society of Japan Award, 1995  
Toray Science and Technology Award, 1997; Max-Tishler Prize, 1998  
Le Grand Prix de la Fondation Maison de la Chimie, 2002  
Tetrahedron Chair, 2002; Medal of Honor with Purple Ribbon (Japan), 2002  
Molecular Chirality Award, 2003  
Fellow of American Association for the Advancement of Science, 2003  
Yamada Prize, 2004; Tetrahedron Prize, 2006  
The Karl-Ziegler Professorship, 2006; The Japan Academy Award, 2007  
Humboldt Research Award, 2007; Honorary Member of the Chemical Society of Japan, 2008  
Honorary Fellow of the Chemical Research Society of India, 2008  
ACS Award for Creative Work in Synthetic Organic Chemistry, 2009  
Grand Prize of Synthetic Organic Chemistry of Japan, 2009  
Member of American Academy of Arts and Sciences, 2011  
Noyori Prize, 2011; Fujiwara Prize, 2012