

AMIR HOVEYDA

**Boston College
Department of Chemistry
Chestnut Hill, Massachusetts**

**University of Strasbourg & CNRS
Institut de Science et d'Ingénierie Supramoléculaires
Strasbourg, France**



Title of Lecture: “A New Landscape for Catalytic Multicomponent Reactions”

Phone: 617-552-3618

Email: amir.hoveyda@bc.edu

Education:

1986 Ph.D., Yale University

1981 B.A., Columbia University

Research and Professional Experience

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| 2019-present | Director, Institute de Science et d'Ingénierie Supramoléculaires, University of Strasbourg, Strasbourg, France |
| 2014-present | Distinguished Visiting Professor, Technion-Israel Institute of Technology, Haifa, Israel |
| 2006-2017 | Chairperson of Chemistry Department, Boston College |
| 1998-present | Patricia and Joseph T. '49 Vanderslice Millennium Professor, Boston College |
| 1994-1998 | Professor, Boston College |
| 1990-1994 | Assistant Professor, Boston College |
| 1987-1988 | Pfizer Central Research, Cancer Group |
| 1986-87 & 1988-90 | American Cancer Society Postdoctoral Fellow, Harvard University |

Honors and Awards

Gutenberg Chair, 2020; American Chemical Society *H. C. Brown Award for Creative Research in Synthetic Methods*, 2020; Japan Society for Promotion of Science (JSPS) *Invitation Fellowship*, 2016; *Eni Prize*, 2014; American Chemical Society *Award for Creative Work in Organic Synthesis*, 2014; *Yamada-Koga Prize*, 2010; Harvard University *Tishler Prize*, 2007; National Institutes of Health *MERIT Award*, 2005; Royal Society *Wolfson Research Merit Award*, 2004; National Science Foundation *Creativity Award*, 2004; Boston College *Distinguished Teaching Award*, 2002; ExxonMobil *Excellence in Catalysis Award*, 2002; Novartis *Research Award in Synthetic Organic Chemistry*, 2001; Boston College *Distinguished Senior Faculty Research Award*, 2000; American Chemical Society *Cope Scholar Award*, 1998; Johnson & Johnson *Focused Giving Award*, 1995; Camille Dreyfus *Teacher-Scholar Award*, 1994; Alfred P. Sloan *Research Fellowship*, 1994; Pfizer *Research Award in Synthetic Organic Chemistry*, 1993; American Cancer Society *Junior Faculty Research Award*, 1993; Eli Lilly *Grantee Award*, 1992; National Science Foundation *National Young Investigator Award*, 1992; Boston College *Distinguished Junior Faculty Award*, 1992; American Cancer Society *Postdoctoral Fellowship*, 1986; National Institutes of Health *National Research Service Award*, 1985; Yale University *R. B. Flint Graduate Fellowship Award*, 1984

Research Interests

Hoveyda's research interests are centered on catalysis. This includes development of catalysts for key transformations, such as olefin metathesis, conjugate additions, allylic substitutions and additions of various allylic moieties to aldehydes, ketones, aldimines and ketimines. Equally central are detailed investigations to unravel the nuances of how the new catalysts function, and their application to concise and stereoselective total synthesis of complex molecules. More recent areas of research include development of catalytic multicomponent processes for precise framework editing of bioactive molecules, and design of new catalytic and biorthogonal click reactions. Hoveyda has published nearly 270 research and 40 review articles. He is co-founder of XiMo, AG (now a subsidiary of Verbio).