

Mo Movassaghi

Massachusetts Institute of Technology, Department of Chemistry
77 Massachusetts Avenue, 18-290, Cambridge, Massachusetts 02139

movassag@mit.edu
<http://web.mit.edu/movassag/www/index.htm>
TEL: (617) 253-3986, FAX: (617) 252-1504

Research Interests

- *Complex natural product synthesis*
- *Discovery, development, and mechanistic study of new reactions for organic synthesis*

Education and Experience

2013-present	Professor of Chemistry <i>Massachusetts Institute of Technology</i>
2008-2013	Associate Professor of Chemistry <i>Massachusetts Institute of Technology</i>
2003-2008	Assistant Professor of Chemistry <i>Massachusetts Institute of Technology</i>
2001-2003	Postdoctoral Research Fellow <i>Harvard University</i> Advisor: Professor Eric N. Jacobsen Post-doctoral Studies: Organic Chemistry
1995-2001	Graduate Student <i>California Institute of Technology and Harvard University</i> Advisor: Professor Andrew G. Myers Degree: Organic Chemistry, Ph.D., Harvard University
1991-1995	Undergraduate Student <i>University of California-Berkeley</i> Advisor: Professor Paul A. Bartlett Degree: Chemistry, B.S. with Honors, Berkeley

Honors and Awards

2020	Alan Katritzky Memorial Lecture, FloHet2020, University of Florida
2017	James D. White Honorary Lecture, Oregon State University
2017	Clayton Heathcock Lecture in Organic Chemistry, University of California at Berkeley
2016	Bristol-Myers Squibb Lecture, University of California at Los Angeles
2016	Novartis Chemistry Lecture, Novartis, Switzerland
2015	Pharmaron/DFG Lecture, University of Toronto, Canada
2013	R. C. Fuson Visiting Professor Lectureship, University of Illinois Urbana-Champaign
2013	AbbVie Lecture, University of Kansas
2012	Gilead Lecture, University of Alberta
2012	Aldrich Seminar in Synthetic Organic Chemistry, University of Minnesota
2012	Clifford B. Purves Lectureship, McGill University, Canada
2011	Yoshimasa Hirata Memorial Foundation Gold Medal, Japan
2011	Sociedade Brasileira de Quimica and American Chemical Society, Young Talents in Science Award
2011	Abbott Laboratories Lecture, Montana State University
2010	American Chemical Society Elias J. Corey Award for Outstanding Original Contribution in Organic Synthesis by a Young Investigator
2010	Madeleine M. Joullié Lecture, University of Pennsylvania
2010	Novartis Lecture, University of Michigan
2010	Lilly Symposium, Princeton University
2009	The Society of Synthetic Organic Chemistry Lectureship Award, Japan
2009	Bristol-Myers Squibb Unrestricted Grant in Synthetic Organic Chemistry
2009	American Chemical Society Arthur C. Cope Scholar Award
2009	Roche Excellence in Organic Chemistry Award
2009	Novartis Chemistry Lectureship Award
2009	Bristol-Myers Squibb Lecture, Colorado State University
2008	Camille Dreyfus Teacher-Scholar Award
2008	Alfred P. Sloan Research Fellow

2008 Troisième Cycle Lectureship, Switzerland
 2008 Abbott Laboratories Process Chemistry Lecture, University of California at Berkeley
 2008 Alphora Lecture, University of Toronto, Canada
 2008 Boehringer-Ingelheim Lecture, Harvard University
 2008 Novartis Lecture, Boston University
 2007 Lilly Grantee Award
 2007 AstraZeneca Excellence in Chemistry Award
 2007 Amgen Young Investigator Award
 2007 US National Committee/IUPAC Young Observer Fellowship Award
 2007 GlaxoSmithKline Chemistry Scholar Award
 2006, 2007 Merck Academic Development Program Award
 2006 Beckman Young Investigator Award
 2006 National Science Foundation-CAREER Award
 2006 Organic Syntheses Lecture, MIT
 2004 Dale F. and Betty A. Frey Scholar of the Damon Runyon Cancer Research Foundation
 2004 Firmenich Career Development Assistant Professorship in Chemistry
 2003 Amgen New Faculty Award
 2001 Damon Runyon–Walter Winchell Foundation Postdoctoral Fellowship
 1999 Certificate of Distinction in Teaching, Harvard University
 1998-2001 Roche Predoctoral Fellowship in Organic Chemistry, Harvard University
 1995 Bruce H. Mahan Outstanding Graduate Student Teaching Award, Berkeley
 1993-1995 Four Outstanding Graduate Student Teaching Awards, Berkeley
 1995 ACS and Merck Outstanding Graduating Senior Awards, Berkeley
 1995 Commencement speaker, UC Berkeley College of Chemistry graduation ceremony

Teaching Experience

2003-2021 Instructor for the graduate mechanistic organic chemistry tutorial (5.47) course at MIT (twelve times: F21, F20, F19, F14, F13, F11, F10, F07, F06, F05, F04, F03).
 2003-2021 Instructor for the first semester graduate organic synthesis (5.511) course at MIT (six times: F21, F20, F19, F05, F04, F03).
 2008-2022 Instructor for the second semester graduate organic synthesis (5.512) course at MIT (seven times: S22, S21, S15, S14, S13, S09, S08).
 2009-2020 Instructor for the second semester undergraduate organic chemistry (5.13) course at MIT (eight times: F20, F18, F17, F16, F15, F11, F10, F09).
 2014 Co-instructor for the first semester undergraduate organic chemistry (5.12) course at MIT (two times: S14, F14).
 2007-2009 Co-instructor for the second semester undergraduate organic chemistry (5.13) course at MIT (two times: F08, F07).
 2005-2007 Co-instructor for the spring semester undergraduate advanced organic chemistry (5.43) course at MIT (three times: S07, S06, S05).
 1999 One semester of teaching assistantship for a graduate organic synthesis class at Harvard University.
 1995-1997 Three quarters of teaching assistantship for undergraduate organic synthesis at Caltech.
 1993-1995 Four semesters of teaching assistantship for the undergraduate organic chemistry at UC Berkeley.