



Photo: Kishin Shinoyama

## **Eiichi Nakamura**

Molecular Technology Innovation Chair Professor

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Birth Date: February 24, 1951; Tokyo, Japan

### **Education:**

1973 B.S. Faculty of Science, Tokyo Institute of Technology (Professor Teruaki Mukaiyama)

1978 Ph.D in chemistry, Department of Chemistry, Tokyo Institute of Technology (Professor Isao Kuwajima)

1978-1980 Postdoctoral Research Associate, Department of Chemistry, Columbia University, New York (Professor Gilbert Stork)

### **Major Research Interest**

Organic synthesis directed toward creation of new reactions, new materials, and new functions. Exploration of methodologies for physical organic chemistry such as high-resolution electron microscopy

### **Academic Experience**

1980-1984 Assistant Professor, Department of Chemistry, Tokyo Institute of Technology

1984-1993 Associate Professor, Department of Chemistry, Tokyo Institute of Technology

1989-1991 Adjunct Associate Professor, Department of Applied Molecular Science, Institute for Molecular Science

1993-1995 Professor, Department of Chemistry, Tokyo Institute of Technology

1995-2016 Professor, Department of Chemistry, The University of Tokyo

2016-present Molecular Technology Innovation Chair Professor, The University of Tokyo

2018-2020 Adjunct Professor of Waseda University

2020-2025 Office of the President and Department of Chemistry, University Professor and Emeritus Professor, The University of Tokyo.

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2004-2010 ERATO Nakamura Functional Carbon Cluster program research director, Japan Science and Technology Agency (JST)

2007- 2012 The University of Tokyo, Chemistry Innovation Global COE Program Leader

2008-2009 Chairman, Department of Chemistry, The University of Tokyo

2012 Distinguished foreign researcher, Chinese academy of science, Beijing

2014-2020 The member of science council of Japan

2019 Ad hoc member of Research Funding Policy Committee, the Ministry of Education, Culture, Sports, Science, and Technology (MEXT)

### **Professional Functions**

2000-2010 Chairman/Founder, Tateshina Conference on Organic Chemistry

2001-2007 Advisory Committee, Institute of Chemistry, Academia Sinica, Taiwan

2002 International Advisory Board, The Sixteenth International Conference on Physical Organic Chemistry

2003-2006 Senior Program Officer in Chemistry, Japan Society for the Promotion of Science (JSPS), Research Center for Science Systems

2006-2014 Associate Member of the Science Council of Japan

2006-2007 Senior Program Officer (on funding scheme study), The Japan Society for the Promotion of Science (JSPS)

2006-2010 Pacifichem Meeting, International Organizing Committee

2009-2011 Kaiteki Institute Co. Advisory board member

2011-2014 Program Director and Chair, Japan Agency for Science and Technology (JST)

2011-2015 2015 Pacifichem Meeting, International Organizing Committee, Vice Chair

2012 Visiting Professorship for Senior International Scientists, ICCAS, China

2014-2020 Member of the Science Council of Japan

2014-2019 Max Planck Institute for Polymer Research, Scientific Advisory Board

2017 Selection Committee for Person of Cultural Merits, MEXT

2018-2020 Adjunct Professor of Waseda University

2020-2025 University Professor, The University of Tokyo

**Awards:**

Young Chemists Award (Chemical Society of Japan, 1984)  
Yamanouchi Award in Synthetic Organic Chemistry (1991)  
Tejima Memorial Award (Tokyo Institute of Technology, 1992)  
The Japan IBM Science Prize (1993)  
Nagoya Silver Medal for Organic Chemistry (2001)  
The Chemical Society of Japan Award (2003)  
Humboldt Research Award (2006)  
The Medal with Purple Ribbon (Shiju Hoshō) (Emperor of Japan, 2009)  
The Arthur C. Cope Scholar Award of ACS (2010)  
The 55<sup>th</sup> Fujihara Award (2014)  
Centenary Prize 2014, Royal Society of Chemistry (2014)  
JSPS Commendation for Grant Proposal Refereeing (2017)

**Honors:**

Elected Fellow of the American Association for the Advancement of Science (1998)  
Elected Foreign Fellow of the Royal Society of Chemistry (U. K., 2005)  
Honorary Foreign Member of the American Academy of Arts and Sciences (2008)  
Honorary Member of the Israel Chemical Society (2009)  
Einstein Professorship, Chinese Academy of Sciences (2011)  
Honorary Professor, Xi'an Jiaotong University (2011)  
Concurrent Professor, Nanjing University (2015)  
Adjunct Professor, Nanjing Technical University (2015)  
Honorary Professor, East China University of Science and Technology (2017)  
Honorary Professor, Tianjin University (2018)  
CSJ Fellow, The Chemical Society of Japan (2019)

**Special Lectureships:**

R. C. Fuson Visiting Professor, University of Illinois (1990)  
Syntex Distinguished Lectureship. Colorado State University (1996)  
Parke Davis-Warner Lambert Distinguished Lectureship, Ohio State University (1997)  
Troisième Cycle Lectureship, Switzerland (2000)

Van der Kerk Lectureship, University of Utrecht (2001)  
Lady Davis Fellowship, Technion, Israel (2002-3)  
Alfred Blomquist Lectureship, Cornell (2003)  
Rhodia Lecturer, French Chemical Society (2004)  
Chinese Academy of Science Lectureship, (Beijing, 2004)  
Gilbert Stork Lecture, Columbia University (2006)  
William Dauben Memorial Lectureship, University of California, Berkeley (2006)  
Novartis Chemistry Lectureship (2006-7)  
Wyeth Lectureship, University of Pennsylvania (2007)  
Campus Lecturer, Institut Catala d'Investigacle Quimica, Tarragona (2007)  
H. C. Brown Lecture, Purdue University (2008)  
W. S. Johnson Lecture, Stanford University (2008)  
Reuben Benjamin Sandin Lecture, University of Alberta (2010)  
Boehringer-Ingelheim Lecture in Chemistry, Boston College (2011)  
Barre Lecture, University of Montreal (2013)  
Wang Yu Lectureship, Shanghai Institute of Organic Chemistry (2015)  
Boehringer-Ingelheim-Scripps Lecture, Scripps Research Institute, California (2016)  
George Büchi Lectureship, MIT, Cambridge, USA (2017)  
Siegfried Hünig Lectureship, Ludwig-Maximillian University Würzburg, Germany (2017)  
Global Lectureship, Zhejiang University, Hangzhou, China (2017)  
Nankai-Asymchem Lectureship, Nankai University, Tianjin, China (2017)  
Organic Syntheses Lectureship, University of California, Irvine, USA (2018)  
Gilbert Stork Lectureship (University of Pennsylvania, Philadelphia, USA (2018)  
Tsinghua Catalysis Lectureship, Tsinghua University, Beijing, China (2018)  
Peiyang Lectureship, Tianjin University, China (2018)  
Gilbert Stork Lectureship (University of Wisconsin, Madison, USA (2018)

**Editorial Service:**

Associate Editor:

*Journal of Synthetic Organic Chemistry Japan* (1986-88 and 1998-2000)

*Chemistry Letters* (1992-98)

*Organic Letters* (2000-2005)

*Chemistry-An Asian Journal* (2006-2009)

*Journal of the American Chemical Society* (2009-2020)

Editorial Board:

*Journal of Molecular Catalysis* (1994-2003)

*Ultrasonics Sonochemistry* (1994-2003)

*Topics in Stereochemistry* (1996-2006)

*Journal of Organometallic Chemistry* (2002-2005)

*Organic and Biomolecular Chemistry* (2003-2012)

*Organic Letters* (2006-)

*Accounts of Chemical Research* (2006-2016)

*Chemistry-An Asian Journal* (2006-)

*Angewandte Chemie* (International Advisory Board: 2006-)