

EI-ICHI NEGISHI

Purdue University, Department of Chemistry
West Lafayette, Indiana 47907



Title of Lecture: “*d*-Block Transition Metal Catalysts for Saving the World in the 21st Century and Beyond”

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Education:

1963 Ph.D. Organic Chemistry, University of Pennsylvania
1958 BS Organic Chemistry, University of Tokyo

Research and Professional Experience

<u>School or Company</u>	<u>Position</u>	<u>Dates</u>	<u>Type of Work</u>
Teijin, Ltd.	Research chemist	4/58-7/60	Polymer reaction
Teijin, Ltd.	Research chemist	10/63-8/66	Polymer synthesis
Purdue University	Postdoctoral Associate	9/66-8/68	Organoborane chem.
Purdue University	Assistant to H.C. Brown	9/68-7/72	Organoborane chem.
Syracuse University	Assistant Professor	8/72-8/76	Org. & organomet. chem.
Syracuse University	Associate Professor	8/76-8/79	Org. & organomet. chem.
Purdue University	Professor	9/79-8/99	Org. & organomet. chem.
Purdue University	H.C. Brown Distinguished Professor	9/99-present	Org. & organomet. chem.

Research Interests

Catalytic Organometallic Chemistry (Cross-Coupling, Asymmetric C–C Bond Formation)

Awards and Honors

1960-1963	Fulbright-Smith-Mund Scholarship
1987	John S. Guggenheim Memorial Foundation Fellowship
1996	Alan R. Day Award (POCC)
1996	The Chemical Society of Japan Award
1998-2001	Alexander von Humboldt Senior Researcher Award, Germany
1998	ACS Organometallic Chemistry Award
1998	Herbert N. McCoy Award, Purdue University
1999	Herbert C. Brown Distinguished Professorship in Chemistry
2000	Sir Edward Frankland Prize, Royal Society of Chemistry
2001	Inclusion of the Negishi Cross-Coupling in Merck Index, 13 th Ed.
2003	Sigma Xi Award, Purdue University
2007	Yamada-Koga Prize (Japan)
2007	Gold Medal of Charles University, Prague, Czech Republic
2009	Invited Lectureship, 4 th Mitsui International Catalysis Symposium (MICS-4), Kisarazu, Japan
2010	ACS Award for Creative Work in Synthetic Organic Chemistry
2010	Nobel Prize in Chemistry
2010	The Order of Culture, Japan
2011	Fellow of the American Academy of Arts and Sciences
2014	Elected into the National Academy of Sciences as a Foreign Associate