

BINGHAMTON UNIVERSITY
DEPARTMENT OF CHEMISTRY

Due to the enthusiastic response to the organic/bioorganic lectures, the Chemistry Committee decided to introduce a corresponding lectureship in inorganic/organometallic chemistry for the spring semester. Thus, as is presently the case, the organic/bioorganic lecture will be offered in the fall semester and the spring lectureship will focus on inorganic/organometallic chemistry.

THE 22ND BIENNIAL
**Eisch Lectureship
in Organic Chemistry**

Friday, Nov. 6, 2026, 4 p.m.
Smart Energy Building, Fountain Room

Professor John J. Eisch

A native of Milwaukee, Wis., John J. Eisch received a BS from Marquette University (*summa cum laude*, 1952), and a PhD from Iowa State University in chemistry (1956). He won a Union Carbide Postdoctoral Fellowship to work with Karl Ziegler at the Max Planck Institute in Mulheim, Germany (1956), and at European Research Associates in Brussels (1957). In his early career, Eisch was a faculty member at St. Louis University, University of Michigan and Catholic University. Eisch was hired at Binghamton University (then called SUNY Binghamton) in 1972 as chairman of the Chemistry Department, and became distinguished professor in 1983. Over his 40-plus-year career, he graduated 50 PhD students, trained scores of other students, published 400 scientific articles, and also served as expert witness in patent litigations and as an industrial consultant. Eisch was a demanding teacher but took pride in students who performed well. In his personal life, he was extremely sharp-witted and humorous, much to the delight of his close family members. He enjoyed reading, languages (particularly German) and, earlier in life, walking and travel. Until his death at age 88, he remained an active supporter of the Chemistry Department at Binghamton University. He is survived by his wife, Joan, four children and two grandchildren.



**Professor John J. Eisch
(1930–2019)**

Michael J. Krische

Robert A. Welch Chair in Science
Department of Chemistry
University of Texas at Austin

Professor Michael J. Krische is a second-generation

American from the lost Gottschee German ethnolinguistic enclave in former Yugoslavia. Professor Krische earned a bachelor's degree in chemistry from the University of California at Berkeley (1989), where he performed research with Professor Henry Rapoport. After a year abroad as a Fulbright Fellow, he initiated doctoral studies at Stanford University with Professor Barry Trost as a Veatch Graduate Fellow. Upon receipt of his doctorate (1996), he joined the laboratory of Nobel Laureate Jean-Marie Lehn at the Université Louis Pasteur as an NIH Postdoctoral Fellow. In 1999, he joined the faculty at the University of Texas at Austin. He was promoted directly from assistant professor to full professor in 2004 and, in 2007, he was appointed to the Robert A. Welch Chair in Science.

Professor Krische has pioneered the use of hydrogenation and transfer hydrogenation for catalytic C-C bond formation beyond premetalated reagents. His research has been recognized by the NSF-CAREER Award (2000), Cottrell Scholar Award (2002), Eli Lilly Granteeship for Untenured Faculty (2002), Frisch Award in Chemistry (2002), Dreyfus Teacher-Scholar Award (2003), Sloan Fellowship (2003), Johnson & Johnson Focused Giving Award (2005), Solvias Ligand



Prize (2006), Presidential Green Chemistry Award (2007), ACS Corey Award (2007), Dowpharma Prize (2007), Novartis Lectureship (2008), Tetrahedron Young Investigator Award (2009), Humboldt Senior Research Award (2009-2011), Mukaiyama Award (2010), GlaxoSmithKline Scholar Award (2011), ACS Cope Scholar Award (2012), JSPS Fellow (2013), Eun Lee Lectureship Award, Korea (2015), Royal Society of Chemistry, Pedler Award (2015), American Association for the Advancement of Science Fellow (2017), Ta-Shue Chou Lectureship Award, Institute of Chemistry, Academia Sinica, Taiwan (2019), ACS Award for Creative Work in Synthetic Organic Chemistry (2020), Honorary Membership in the Israeli Chemical Society (2022), Palladium Global Science Award (2025), and the Yamada-Koga Prize (2025).

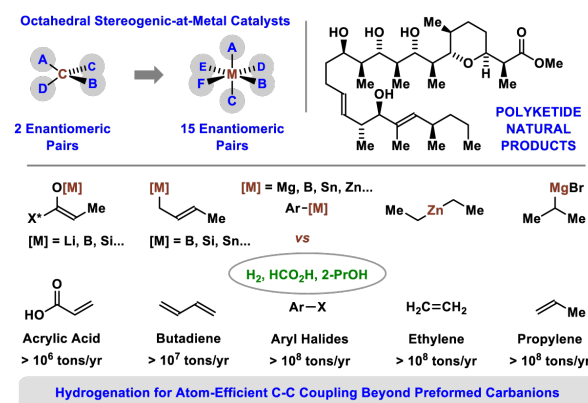
Hydrogen Transfer for Catalytic C-C Coupling beyond Premetalated Reagents

C-C bond formations that traditionally require stoichiometric organometallic reagents or metallic reductants can be conducted catalytically through the addition, transfer or redistribution of hydrogen. Metal-catalyzed hydrogenation or transfer hydrogenation enables reductive C=X addition or biaryl cross-coupling. In related hydrogen

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auto-transfer reactions, alcohols function as both reducing agents and carbonyl precursors to effect direct, byproduct-free conversion of lower alcohols to higher alcohols. The influence of metal-centered stereogenicity on regio-, stereo- and site-selectivity, and the application of these methods to polyketide total synthesis are highlighted.

PREVIOUS RECIPIENTS

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| 2012 | Stephen L. Buchwald
MIT |
| 2013 | David W. C. MacMillan
Princeton University |
| 2014 | Brian M. Stoltz
California Institute of Technology |
| 2015 | Eric N. Jacobsen
Harvard University |
| 2016 | Bob Crabtree
Yale University |
| 2016 | Phil Baran
Scripps Research Institute |
| 2017 | Stephen J. Lippard
MIT |
| 2017 | Daniel A. Singleton
Texas A&M |
| 2018 | Clifford P. Kubiak
University of California, San Diego |
| 2018 | Scott E. Denmark
Univ. of Illinois, Urbana-Champaign |
| 2019 | John F. Hartwig
University of California, Berkeley |
| 2019 | Gregory C. Fu
California Institute of Technology |
| 2020 | Vern L. Schramm
Albert Einstein College of Medicine |
| 2022 | Karen Goldberg
University of Pennsylvania |
| 2023 | Kendall N. Houk
University of California, Los Angeles |
| 2023 | Polly L. Arnold
University of California, Berkeley |
| 2024 | Gregory H. Robinson
University of Georgia |
| 2025 | Melanie Sanford
University of Michigan |
| 2025 | T. Don Tilley
University of California, Berkeley |
| 2026 | Tomislav Rovis
Columbia University |
| 2026 | Claudia Turro
Ohio State University |