

EASTERN MICHIGAN UNIVERSITY

Summer Science Research Initiative

Regent Beth Fitzsimmons Lectures

Dr. William R. Roush

Professor of Chemistry,
Executive Director of Medicinal Chemistry, and
Associate Dean of Kellogg Graduate School
The Scripps Research Institute, Florida



Thursday, June 4, 4:30 pm, Science Complex Rm 156

*Development of Proof-of-Concept Chemical Probes Targeting
Novel Biological Molecules*

Reception immediately afterward in the atrium

Friday, June 5, 1:30 pm, Science Complex Rm 156

Recent Studies on the Total Synthesis of Natural Products

Dr. William R. Roush received the Bachelors Degree in Chemistry, Summa Cum Laude, from the University of California at Los Angeles in 1974, where he performed undergraduate research with Professor Julius Rebek, and the Ph. D. Degree in Chemistry from Harvard University in 1977 under the direction of Professor R. B. Woodward. After an additional year as a postdoctoral associate in Woodward's laboratory, he joined the Massachusetts Institute of Technology as Assistant Professor. He moved to Indiana University in 1987, and was promoted to the rank of Professor in 1989 and Distinguished Professor in 1995. In 1997 he moved to the University of Michigan as the Warner Lambert/Parke Davis Professor of Chemistry. He served as Chair of the Department of Chemistry, University of Michigan, from 2002-2004. He moved to the new Scripps Research Institute in Jupiter, Florida, as Professor of Chemistry, Executive Director of Medicinal Chemistry, and Associate Dean of Scripps' Kellogg Graduate School in 2005.

Dr. Roush has been a Fellow of the Alfred P. Sloan Foundation, an Eli Lilly Grantee, and the holder of the Roger and Georges Firmenich Career Development Chair in Natural Products Chemistry at MIT. He received a Merck Faculty Development Award, the Arthur C. Cope Scholar Award of the American Chemical Society, a Merit Award from the National Institute of General Medical Sciences, the Paul G. Gassman Distinguished Service Award of the American Chemical Society Division of Organic Chemistry, and in the American Chemical Society Ernest Guenther Award in the Chemistry of Natural Products, among many others. Dr. Roush has been elected Fellow of the American Association for the Advancement of Science and was a member of the inaugural class of Fellows of the American Chemical Society.

Dr. Roush has served terms as Secretary-Treasurer and Chairman of the ACS Division of Organic Chemistry, and as Chairman of the NIH Medicinal Chemistry Study Section. He currently is Associate Editor of the *Journal of the American Chemical Society*, and serves on the Editorial Advisory Board of *Organic Letters*. He is a Director of *Organic Reactions, Inc.*, and of *Organic Syntheses, Inc.*, and is a consultant for several companies.

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