Name

Sarah Reisman

Biography and research interests (5 to 15 lines)

Professor Sarah Reisman earned a BA in Chemistry from Connecticut College in New London, CT and her Ph.D. in chemistry from Yale University, conducting research with Prof. John L. Wood in the area of natural product total synthesis. As an NIH post-doctoral fellow, Sarah pursued studies in the field of asymmetric catalysis working with Prof. Eric Jacobsen at Harvard University. In 2008, Sarah joined the faculty at the California Institute of Technology where she is now the Bren Professor of Chemistry. Research in the Reisman laboratory seeks to advance the science of chemical synthesis, through synergistic contributions in both strategy design for natural product synthesis and reaction development. Reisman is recognized as a leader in the area of natural product synthesis, where her group has contributed new strategy-driven approaches to structurally complex, highly oxidized natural products. In addition, Reisman has made impactful contributions to the rapidly advancing field of Ni-catalysis, with an emphasis on asymmetric reductive cross-coupling reactions. Reisman is an editorial board member at Organic Syntheses and an associate editor for the Journal of the American Chemical Society. Reisman has been recognized with a number of awards for teaching and research, including an Alfred P. Sloan Research Fellowship, a Cottrell Scholar Award, the Arthur C. Cope Scholar Award, the Tetrahedron Young Investigator Award, the ACS Elias J. Corey Award, and the Mukaiyama Award.





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