



2007-2008 POCC Lecture Series

Date and Time: October 24th, 2007, 8:00PM (Wednesday)

Speaker: Prof Phil S. Baran, Scripps Research Institute

Title: *The Catalytic Cycle of Discovery in Total Synthesis*

Room: Room 102 (Big Auditorium), Chemistry Building
University of Pennsylvania

Prof. Baran was born in Denville NJ. He graduated simultaneously from Mt Dora High School and Lake Sunter Community College (AA degree with honors) in 1995. In 1997 he received his BS degree from NYU with Prof. Schuster and in 2001 he obtained his Ph.D. degree from Scripps Research Institute with Prof. Nicolau. After postdoctoral studies at Harvard University with Prof. Corey in 2003, he joined the faculty at the Scripps Institute as an Assistant Professor in chemistry, and in 2006 he became Associate Professor (with tenure). He has received many awards including the Alfred P Sloan Fellow, the Pfizer Award for creativity in organic chemistry, an NSF Career Award and the BMS unrestricted "Freedom to Discover" Grant which runs through 2010.

Abstract: Many would argue that the field of organic synthesis has made such phenomenal advances over the past five decades that given unlimited resources, the synthesis of almost any molecule is now possible. As such, total synthesis is becoming increasingly focused on preparing natural products in the most innovative and efficient manner possible. Selected studies from our lab will be presented on the total synthesis of complex heterocyclic natural products (see Figure for selected targets).

For references and further info, see:
<http://www.scripps.edu/chem/baran>

