

2006-2007 Graduate Seminar
Department of Chemistry, University of Rochester

Purpose: The first-year graduate seminar is designed to provide beginning students with practical knowledge to be successful in graduate school and, simultaneously, an intellectual foundation to productively integrate the various components of their doctoral degree program. The seminars will explore a range of topics related to learning and will connect these topics to the graduate experience.

Student Leaders:

Sarah Bowman	Katie Leach
Mary Lenczewski	Ting Li
John Malona	Mike Quinlan
Sally Rocks	

Learning Specialists:

Catherine Perez	Lydia Tien
Joe Dinnocenzo	Jim Farrar
Pat Holland	Jack Kampmeier
Brad Nilsson	

Faculty:

Syllabus:

<u>Date</u>	<u>Topic</u>
September 1	Introduction / Orientation
September 6	Teaching I / Nuts & Bolts
September 25	Teaching II / Cognitive apprenticeship I
October 9	Choosing a Research Adviser
October 23	Mid-semester Check / Motivation
November 6	Problem Solving & Teamwork
November 20	Reciprocal Questioning; Metacognition
December 4	First Semester Wrap-up; Integration of Ideas
January	Looking Back and Looking Ahead
February	Starting Research /Cognitive apprenticeship II
March	Critically Reading the Literature
April	Second Semester Wrap-up
Late summer '07	Research Progress Discussion

Time/Location: 1:00 – 2:30 p.m.; Gamble Room (Rush Rhees)