

Robert Seiser is an assistant professor of biology and chemistry at Roosevelt University in Chicago. He received his bachelor's degree from Lawrence University and his doctoral degree from Duke University, followed by postdoctoral training in research and science teaching at UW-Madison. His current teaching responsibilities include upper-level courses in cell biology and biochemistry and a new non-majors SENCER course in scientific method and practice. Bob serves on Roosevelt's committee on general education and on the biology majors panel for the Illinois Articulation Initiative. In the laboratory, he and his students use brewer's yeast as a model organism for cell biology research. Bob has been involved with SENCER as a team co-leader since 2005 and has presented his SENCER-related work in institutional, regional and national forums.

Robert M. Seiser, Ph.D.

a) Professional Preparation

Lawrence University, Appleton, WI	Biology/Chemistry	BA, 1996
Duke University, Durham, NC	Cell Biology	PhD, 2002
University of Wisconsin – Madison	Biochemistry	2002-2004

b) Appointments

2004-present	Assistant Professor of Biology and Chemistry, Roosevelt University
2003-2004	NIH-NRSA Postdoctoral Fellow, UW - Madison
2003-2004	Course Director, <i>Ways of Knowing Biology</i> , UW-Madison
2003-2004	Future Faculty Partner, UW Teaching Academy, UW-Madison
1999-2001	Preparing Future Faculty Fellow, Duke University

c) Recent Publications

Seiser RM and Wentz-Hunter K. Implementation of Civic Engagement Activities in Core Biology Majors Courses (poster). American Society for Cell Biology annual meeting (2007).

Seiser RM. Service-Learning in Science As a Way of Knowing. *Proceedings of the Roosevelt Mini-Conference on Teaching*, Roosevelt University (2007).

Seiser RM, Sundberg AE, Wollman BJ, Zobel-Thropp P, Baldwin K, Spector MD and Lycan DE. Ltv1 is required for efficient nuclear export of the ribosomal small subunit in *S. cerevisiae*. *Genetics* 174: 679–691 (2006)

d) Activities and Awards

Developed Biology 113, The Nature of Science, a non-majors course in scientific method and practice, Roosevelt University (online and classroom), 2008

Institutional team co-leader, Science Education for New Civic Engagements and Responsibilities (SENCER), 2005-2008

Revised lecture and laboratory sections for Roosevelt courses Molecular & Cellular Biology (300 level) and Cell Biology (300/400 level), 2004-2007

Received funds from McCormick-Tribune Service Learning Grant to support biology, chemistry and math curriculum reform, 2006-2007

Received implementation sub-award from National Center for Science and Civic Engagement, 2006

Member of Illinois Articulation Initiative biology major panel, 2005-2008

Member, American Society for Cell Biology, 1997-2008