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a) Professional Preparation

Lawrence University	Appleton, WI	Biochemistry	B.A.	1996
Duke University,	Durham, NC	Cell & Molecular Biology	Ph.D.	2002
University of Wisconsin	Madison, WI	Biochemistry	Postdoc	2004

b) Appointments

2010-present	Associate Professor of Biology and Chemistry, Roosevelt University
2015-present	Director of Schaumburg Campus Academic Partnerships, College of Arts & Sciences, Roosevelt University
2013-present	Coordinator of Graduate Studies, Department of Biological, Chemical and Physical Science, Roosevelt University
2013-present	Regional Co-director, SENCER Center for Innovation-Midwest, National Center for Science and Civic Engagement
2016	SENCER Visiting Scientist, National Center for Science and Civic Engagement
2012-2015	Assistant Chair, Department of Biological, Chemical and Physical Science, Roosevelt University
2008-2013	Program coordinator and co-PD, NIH Bridges to the Baccalaureate (Roosevelt University-Elgin Community College)
2004-2010	Assistant Professor of Biology and Chemistry, Roosevelt University
2003-2004	Course Director, *Ways of Knowing Biology*, UW - Madison

c) Products

1. Jacobs K and Seiser RM, 2018. A SENCER-based Biology Teaching Manual with Application for Secondary and Higher Education (poster). National Association of Biology Teachers Annual Meeting, San Diego, CA.
2. Seiser RM, Pelzel H, Sieg RD and Jacobs K, 2018. Working Toward a SENCER-based Biology Teaching Manual (workshop). SENCER Summer Institute, Santa Clara, CA.
3. Labov J and Seiser RM, 2017. Civic Engagement and Graduate Education (workshops). SENCER Summer Institute, Stony Brook, NY. http://sencer.net/wp-content/uploads/2017/07/SSI2017ProgramBook.pdf
4. Seiser RM, McKinley V and Bruce K, 2017. The RU-NECSS Graduate Biology Cohort: A partnership to enhance teacher training and build multi-level STEM education pathways (presentation). IL State Academy of Science Annual Meeting, Palatine, IL. http://ilacadofsci.com/wp-content/uploads/2017/04/ISASTransactionsSupplement2017.pdf
5. Seiser RM, 2014. The 15-week PhD: Formal Research Methods Training Through Laboratory Investigations of Yeast Cell Physiology (poster). Yeast Genetics and Molecular Biology Meeting, Seattle, WA.
6. Seiser RM and McHugh-Kurtz V, 2013. Engaging Students in Biomedical Science Through the Health Disparities Project (presentation). SENCER Summer Institute, Santa Clara, CA.

7. Seiser RM and Watson C, 2010. Science and Social Justice: Initiatives at Roosevelt University (poster). NIGMS MORE Meeting, Chicago, IL.
8. Fassio C, Schofield B, Seiser RM, Johnson AW and Lycan DE, 2010. Dominant Mutations in the Late 40S Biogenesis Factor Ltv1 Affect Cytoplasmic Maturation of the Small Ribosomal Subunit in *Saccharomyces cerevisiae. Genetics* 185:199-209.
9. Seiser RM and Wentz-Hunter K, 2009. Mission in Progress: Social Justice in the Biology Curriculum at Roosevelt University (poster). Campus Compact Summit on Service-Learning in STEM, Ithaca, NY.
10. Seiser RM and Wentz-Hunter K, 2007. Implementation of Civic Engagement Activities in Core Biology Majors Courses (poster). American Society for Cell Biology annual meeting, San Francisco, CA.
11. Seiser RM, Sundberg AE, Wollman BJ, Zobel-Thropp P, Baldwin K, Spector MD and Lycan DE, 2006. Ltv1 is required for efficient nuclear export of the ribosomal small subunit in *S. cerevisiae*. *Genetics* 174: 679–691.

d) Activities

1. Active participant in strategic planning and outreach activities for SENCER and the National Center for Science and Civic Engagement, including site visit consultations, conference organization, and advisory board and *ad hoc* committee service.

2. Administered regional sub-awards for SENCER alumni in the Midwest region. These sub-awards supported curricular initiatives with civic engagement objectives, such as class trips to service learning practice sites, guest lectures with community partners and curricular materials development. Twelve awards were granted in 2016-2017.

3. Developed partnerships with Illinois High School District 211, Illinois Campus Compact, Illinois Biotechnology Industry Organization (iBIO) and William Rainey Harper College to promote teacher training in civic engagement, increase civic awareness in the biotechnology industry and improve student career preparation.

4. Designed and implemented the Health Disparities Project with student participants in ECC-RU Bridges to the Baccalaureate program (National Institutes of Health GM083900). This project allowed underrepresented science students to investigate and act on an area of public health in which a local population was disproportionately affected.

5. Revised and expanded graduate program offerings in the department of Biological, Chemical and Physical Sciences at Roosevelt University. Developed Biotechnology Management concentration and course activities on ethics, public health and disparities in access and benefits of biotechnology innovation. This work continues with examination of graduate student involvement in civic engagement work during masters training.

6. Instructor and course developer in Cell Biology, Research Methods, Experimental Methods in Biochemistry & Biotechnology, Molecular Cell Biology and The Nature of Science.