

Roseanne Rostock

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Education

- 2008-2014 University of Pennsylvania Graduate School of Education, Philadelphia, PA
- EdD, Teaching, Learning and Teacher Education
 - Dissertation Title: *Developing a Workable Teacher Identity: Building and Negotiating Identity within a Professional Network*
 - Dissertation Committee: Susan Yoon, University of Pennsylvania (Chair); Janine Remillard, University of Pennsylvania; Diane Wood, Towson University
- 1994-1995 Boston University, Boston, MA
- MAT, physics education
 - Massachusetts Teaching Certification, Physics, grades 9-12
 - Pennsylvania Teaching Certification, Physics, grades 7-12
- 1990-1994 Lehigh University, Bethlehem, PA
- BS, physics; minor in science journalism
 - Lehigh University Trustees Scholar, *summa cum laude*

Experience

- 2014 – present Senior Program Officer, Teacher Development.
Knowles Science Teaching Foundation, Moorestown, NJ
- Oversee a team of Teacher Developers, consultants, resource teachers and Senior Fellows to plan, enact and evaluate the KSTF Teaching Fellowship Program.
 - Implement, study and refine a professional development program for KSTF Teaching Fellows to explore professional community and develop skills and dispositions for teacher leadership.
 - Work with Director of Teaching Fellowships, other SPOs and KSTF staff members to support practitioner inquiry across the Fellowship Program and to develop and maintain a robust and effective online community
 - Work with other SPOs to ensure continuity of standards, procedures and Fellows' experience and to provide a developmental learning trajectory across years of the Teaching Fellows Program, and building to the Senior Fellows Program
 - Work with the Director of Teaching Fellowships and other SPOs to plan, enact and evaluate the Teaching Fellows selection process
- 2005-2014 Teacher Developer. Knowles Science Teaching Foundation, Moorestown, NJ
- Develop, implement and evaluate a professional community of KSTF Teaching Fellows
 - Work collaboratively with other Teacher Developers to design, implement and evaluate a comprehensive and cohesive professional development experience for beginning high school STEM teachers
 - Support the development of a professional community among cohorts of up to 35 beginning teachers, including both in-person and online engagement
 - Support beginning teachers in engaging in collaborative inquiry into their own teaching practice and in developing their knowledge, dispositions and skills for teacher leadership

- Work with other Teacher Developers and KSTF staff in the annual selection process for Teaching Fellows
- Work with the program staff and external partners to enhance the foundation's capacity to positively impact the profession of secondary STEM teaching
 - Seek out new ways of networking with external partners, including teachers, teacher educators and other educational leaders
 - Increase KSTF's brand recognition by presenting at a variety of conferences and events as a representative of the program
 - Collaborate with other Teacher Developers and members of the leadership team to reflect on and refine multiple aspects of our work

2003-2005

Teacher. Charter High School for Architecture and Design, Philadelphia, PA

- Taught physics and mathematics.
- Developed after-school mathematics SAT prep course.
- Served as faculty representative on school-wide Vision Committee with board members, administration, teachers, parents and students.

2000-2002

Teacher Developer for Science and English. US Peace Corps, Naga City, Philippines

- Planned and implemented professional development for Filipino science and English teachers to develop their teaching practice, with a focus on questioning, critical thinking skills, physics content knowledge and science teaching methods. Provided follow-up support to individual teachers through conferencing and classroom visits.
- Developed curriculum materials integrating environmental education into the Philippines Year 1 High School English courses.

1995-2000

Science Teacher. Brighton High School, Boston, MA

- Taught physics, physical science and integrated science
- Mentored after-school engineering club
- Facilitated common planning time meetings for small teacher learning community (1999-2000)
- Served on Instructional Leadership team to support whole-school initiatives within small learning communities and common planning time.

Conference Presentations

Galosy, J., Portnoy, D., **Rostock, R.**, Vissa, J. & Wolfe, Z. (2014). Teacher leadership and beginning STEM teachers: Inroads, barriers, and new directions. Presentation at the Ethnography in Education Research Forum, Philadelphia, PA.

Rostock, R. (2013). Building and negotiating a workable teacher identity within and across professional discourses (Data analysis session). Presentation at the Ethnography in Education Research Forum, Philadelphia, PA.

Gillespie, N., Galosy, J., **Rostock, R.** & Wolfe, Z. (2012). Supporting and retaining high quality secondary science teachers: Evidence from the Knowles Science Teaching Foundation. Paper presented at the National Association for Research in Science Teaching Conference, Indianapolis, IN.

Rostock, R., Mossgrove, J., Johnson, K., Vase, A. & Randall, M. (2011). Teachers and teacher developers learning together: A nested inquiry approach to lesson study. Presentation at the Ethnography in Education Research Forum, Philadelphia, PA.

Andrus, S., Bialka, C., Maloney, T. & **Rostock, R.** (2010). Learning and decision-making: How new teachers in Teach For America navigate the process of learning to teach

mathematics. Paper presented at the American Educational Research Association Meeting, Denver, CO.

Buskirk, H., Echols, R., Gillespie, N., Murphy, S. & **Rostock, R.** (2010). Moving beyond retention: Setting the stage for the next generation of teacher leaders. Presentation at the National Science Teachers Association Meeting, Philadelphia, PA.

Andrus, S., Bialka, C., Maloney, T. & **Rostock, R.** (2009). Learning in practice: The complexities of being a Teach For America math teacher. Paper presented at the American Anthropological Association Meeting, Philadelphia, PA.

Rostock, R. (2009). Supporting and retaining high-quality science and mathematics teachers: Research, programs and results. Invited presentation at the American Association of Physics Teachers Summer Meeting, Ann Arbor, MI.

Mossgrove, J., **Rostock, R.**, Rulli, C. & Metzger, C (2009). A modified approach to lesson study for secondary mathematics and science teachers. Presentation at the Chicago Lesson Study Conference, Chicago, IL.

Professional Service

Reviewer for Journal Manuscripts:

- Journal of Teacher Education (2011- 2014)
- Perspectives on Urban Education (2014)

Reviewer for Conference Proposals:

- American Educational Research Association (2014)
- Ethnography in Education Research Forum (2011-2013)
- National Association for Research in Science Teaching Conference (2012)