

(Note: non-member does not include membership dues)

- Guest/Partner registration (meals provided)..... \$250.00 _____
- One day (Circle ONLY one: Monday, Tuesday, Wednesday)..... \$140.00 _____
- Awards banquet only..... \$ 50.00 _____

Pre-Conference Research and Training Workshops:

Workshop #1: Research into Practice: Practice Informing Research for Equity Scholarship and Teaching

Cost Free **Enclosed** _____

Strand: Equity And Ethics Committee

Abstract:

The pre-conference workshop will emphasize opportunities available to scholars of color and scholars who do research involving issues of equity and how to develop relationships so that equity research that influences practice can be accomplished. Each panelist may offer some specific advice about teaching and conducting equity research, how to make connections in order to conduct research, how their research informs practice, or what particular practices are outgrowths of their research and vice versa. The panel will field questions from the audience relevant to the challenges and opportunities as equity scholars and scholars of color for doing research in science education. Attendees will work in small groups to outline personal or individual plans of research that they may continue to develop after the NARST conference. Breakout groups and work sessions will be lead by facilitators and panelists representing a range of expertise.

Presenters:

- Felicia Moore Mensah, Teachers College, Colombia University
- Melody Russell, Auburn University
- Jomo Mutegi, Sankore Institute
- Blakely Tsurusaki, Washington State University
- Gillian Bayne, Lehman College
- Rowhea Elmesky, Washington University-St. Louis
- Wilbert Butler, Tallahassee Community College
- Nate Carnes, University of South Carolina
- Mary Atwater, University of Georgia
- Sumi Hagiwara, Montclair State University

Workshop #2: "It's electric!"- E-Portfolios as evidence of teacher growth: Examining a growing trend in both research and practice in science teacher education

Cost Free **Enclosed** _____

Strand: Research Committee

Abstract:

This workshop invites participants to learn about and share experiences, as well as theoretical and methodological lenses for developing and assessing e-portfolios with pre- and in-service science teachers. Participants will discuss challenges and benefits of engaging teachers in developing e-portfolios, including practical issues, such as technological requirements/challenges, as well as pedagogical concerns about how to support teachers to engage in research on their own practice and learn to document and reflect on evidence of their growth. Participants will be asked to engage in discussion around how to assess growth in areas such as science content knowledge, pedagogical practice, and social interactions with peers, students, and the community. Participants are encouraged to bring examples of rubrics, course syllabi, sample portfolios, and suggestions for continued research on e-portfolios. Stemming from their own research on the implementation of e-portfolios with pre- and in-service teachers in three different programs, facilitators will engage participants in discussions around how research into practice, as documented via e-portfolios, informs learning about teaching for both science teacher educators and the science teachers in their programs.

Presenters:

- Sonya Martin, Drexel University
- Christina Siry, University of Luxembourg
- Rachel Ruggirello, Science Outreach, Washington University
- Constance Blasie, PennSTL, University of Pennsylvania
- Jane Horowitz, PennSTL, University of Pennsylvania
- Yushaneen Wilson, PennSTL, University of Pennsylvania

Workshop #3: Writing a Competitive Proposal for the National Science Foundation's (NSF) Division of Research on Learning in formal and Informal Settings (DRL): Strategies and Tips for Novice and Seasoned Proposers

Cost Free **Enclosed** _____

Strand: Research Committee

Abstract:

This pre-conference workshop is designed for experienced and new researchers who are interested in developing competitive proposals for NSF funding. Its specific focus is on the the program solicitations for REESE, DR-K12, and CAREER awards within the Division of Research on Learning, but the workshop may also be useful for researchers who are interested in other NSF solicitations. The first part of the workshop will be led by NSF Program Directors and focus on NSF's context for research and provide information on expectations for competitive proposals and the merit review process. The second part of the workshop will be led by researchers who have had successful NSF proposals and who will provide their insights into the organization and grant-writing process, supplying their own "sanitized" proposals as exemplars. The last portion of the workshop will provide some time for participants to talk about their own research ideas. The entire workshop is intended to be informative and interactive.

Presenters:

- Janice Earle, National Science Foundation
- Sharon Lynch, National Science Foundation
- Gavin Fulmer, National Science Foundation
- Charles W. Anderson, Michigan State University
- Heidi Carlone, The University of North Carolina at Greensboro
- Okhee Lee, University of Miami

Workshop #: 4 Developing High Quality Reviews for the Journal of Research in Science Teaching
Strand: Research Committee

Free _____

Abstract:

The purpose of this preconference workshop is to provide professional development for JRST reviewers. It will also provide valuable information to new researchers on what reviewers look for in a manuscript and how to prepare a manuscript for publication. During this 4-hour workshop we will work with reviewers to develop knowledge and skills for preparing high quality reviews for JRST, foster conversation on expectations for and purposes of reviews, and discuss how to handle common reviewer problems and questions. This session welcomes returning reviewers as well as those who are new to academia and are interested in submitting to and getting published in JRST or anyone who would like to become a reviewer for the Journal. JRST Editors and Associate Editors will facilitate the session.

Presenters:

Joseph Krajcik, University of Michigan
Angela Calabrese Barton, Michigan State University

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Total Pre-Conference Workshop Fees: \$ _____

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12100 Sunset Hills Road
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Or fax to: (703) 435-4390

For your information and attention:

All room arrangements should be made directly with the hotel by phone or via the NARST website link to the hotel.

Special NARST group rates for room reservation: \$199.00 (USD)

The cut-off date for the NARST group rate is **February 27, 2010**

Please contact the ***Philadelphia Downtown Marriott*** directly at (800) 266-9432 for room reservations.