



Schedule of Events

WEDNESDAY, MARCH 3

11:00 am-5:30 pm

Concourse
Registration

1:00-2:30 pm

Jefferson West

Developing Measurable Impacts and Indicators for the NSF ISE Online Project Monitoring System

Sue Allen, Program Director, Division of Research on Learning in Formal and Informal Settings (DRL), NSF; Leslie Goodyear, Program Director, DRL, NSF; Gary Silverstein, John Wells, Westat

This session is intended for PIs, evaluators, and other staff members from NSF ISE projects that submitted baseline data into the Online Project Monitoring System (OPMS) in the fall of 2009. In spring 2010, many of these projects will be asked to use the OPMS to submit information on their anticipated impacts, indicators, and corresponding study designs. The session will provide an overview of ISE impacts and indicators and allow projects an opportunity to talk with NSF and Westat about how best to use the OPMS to describe what their projects are designed to accomplish.

Jefferson East

Managing Your NSF Grant: Financial Practices and Reporting

Pamela Hawkins, Team Leader for Education and Human Resources, Division of Grants and Agreements (DGA), NSF; Kim Bub, DRL Grant and Agreement Specialist, DGA, NSF

Sound financial practices and reporting are crucial to effective grant management. This workshop, led by staff from NSF's Office of Budget, Finance, and Award Management, Division of Grants and Agreements, focuses on NSF financial requirements and strategies and tools to help make managing a grant effective and (relatively) painless.

2:30-4:00 pm

Jefferson West

Developing Measurable Impacts and Indicators for the NSF ISE Online Project Monitoring System

(Repeat of earlier workshop)

Jefferson East

Managing Your NSF Grant: Financial Practices and Reporting

(repeat of earlier workshop)



5:45-7:00 pm

Concourse

Informal welcoming reception
Dinner on your own

THURSDAY, MARCH 4

8:00 am-4:30 pm

Concourse

Registration

8:00-8:45 am

International Ballroom

Continental breakfast

9:00-10:15am

International Ballroom

Welcome

Wendy Pollock, Principal Investigator/Director, Center for Advancement of Informal Science Education; Al DeSena, Program Director, Informal Science Education, DRL, NSF

NSF Investments in Informal Learning: Advancing Knowledge and Practice, Building Capacity

David Ucko, Division Director (Acting), DRL, NSF

Word from the White House

Tom Kalil, Deputy Director for Policy, Office of Science and Technology Policy, The White House

Informal Science Education: Who Are We, and Where Did We Come From?

Bruce V. Lewenstein, Professor, Departments of Communication and of Science & Technology Studies, Cornell University.

10:15-10:45 am

Concourse/Cabinet Room

Break

During all breaks and Friday breakfast, project materials will be on display in the Cabinet Room, and you can post discussion topics in the Connections Lounge just outside. There will be time Friday afternoon for discussion groups to meet and propose next steps.



10:45am-12:00 noon

International Ballroom

The Case for Informal Science Education—Overview

- Infrastructure Inquiry Group—John Falk, CAISE Co-PI, Sea Grant Professor of Free Choice Learning, Oregon State University; Carlos Manjarrez, Associate Deputy Director, Research and Statistics, Institute of Museum and Library Services
- Policy Study Inquiry Group—Saskia Traill, Co-Chair of CAISE Inquiry Group, Director of Policy, After-School Corporation
- Learning Inquiry Group—Kevin Crowley, CAISE Co-PI, Director, University of Pittsburgh Center for Learning in Out-of-School Environments

12:00-1:30 pm

International Ballroom

Lunch

Adventures of an Informal Science Educator

Neil deGrasse Tyson, Director, American Museum of Natural History's Hayden Planetarium, and host of *NOVA ScienceNOW*

1:30-2:00 pm

Concourse/Cabinet Room

Browse project materials, post proposed discussion topics

2:00-4:30 pm

Jefferson East, Jefferson West, Lincoln East, Lincoln West, Monroe, Georgetown East

The Case for Informal Science Education—Break-out Discussions

Sheila Grinell, Consultant to Science-Based Cultural Institutions (moderator), with Sam Dean, Exploratorium; Janis Dickinson, Cornell Lab of Ornithology; Laura Huerta Migus, Association of Science-Technology Centers; Scott Randol, Lawrence Hall of Science; Carey Tisdal, Tisdal Consulting; and Ellen Wahl, Independent Consultant

5:30 pm-7:00 pm

Carnegie Institution for Science, 1530 P Street, NW

Kick-off Celebration in honor of new publication *Surrounded by Science*

Hosted by the National Research Council's Board on Science Education

Dinner on your own



FRIDAY, MARCH 5

8:00-9:00 am

International Ballroom
Continental breakfast

9:00- 10:00 am

International Ballroom

Making the Case for Informal Science Education— Synthesis and Reflection

Sheila Grinell (moderator) with Rick Borchelt, U.S. Department of Agriculture; Richard Hudson, Dragonfly/Twin Cities Public Television; Julie Johnson, Science Museum of Minnesota; Erik Peterson, Afterschool Alliance; Bonnie Sachatello-Sawyer, Hopa Mountain; Rob Semper, Exploratorium; and Wendy Wheeler, Innovation Center for Community and Youth Development

10:00-10:30 am

Concourse/Cabinet Room
Break

10:30 -11:45 am

International Ballroom

Hot Topics in Informal Science Education—Lightning Presentations

Al DeSena (moderator)

Pathways to STEM careers

Jon D. Miller, Michigan State University

Connecting the public with the research community

Dennis Schatz, Pacific Science Center

Informal science education opportunities in civil engineering

Robert Reitherman, CUREE, Consortium of Universities for Research in Earthquake Engineering, and Denis Mulligan, Golden Gate Bridge, Highway, and Transportation District

Public engagement with science-based issues

Ellen McCallie, Carnegie Museum of Natural History, CAISE Public Engagement with Science Inquiry Group

Public participation in scientific research

Rick Bonney, Cornell Lab of Ornithology, CAISE Public Participation in Scientific Research Inquiry Group

Older adults and informal science education

Kali Lightfoot, National Resource Center, Osher Lifelong Learning Institute



Collaborations between informal science education and K-12

Bronwyn Bevan, Center for Informal Learning and Schools, Exploratorium, CAISE Formal/ Informal Collaborations Inquiry Group

Inclusion, disabilities, and informal science learning

Christine Reich, Museum of Science, Boston, CAISE Access Inquiry Group

Serious games

Robert Hone, Red Hill Studios

Science learning through media creation

Sue Ellen McCann, KQED, Inc. Public Media

Public attitudes toward climate science

Edward Maibach, Center for Climate Change Communication, George Mason University

12:00-1:30 pm

International Ballroom

Lunch

How Federal Agencies Are Working with the ISE Community

Speakers:

Barbara Alving, Director, National Center for Research Resources, National Institutes of Health

Richard W. Spinrad, Assistant Administrator for Oceanic and Atmospheric Research, National Oceanic and Atmospheric Administration

Joyce Leavitt Winterton, Associate Administrator for Education, National Aeronautics and Space Administration

1:30-2:45 pm

Lincoln East, Lincoln West, Jefferson West, International Ballroom

Connections Roundtable Discussions

Groups formed in Connections Lounge will meet in assigned rooms

Jefferson East

Networking Around Evaluation

Leslie Goodyear, Program Director, DRL, NSF

This session is intended for evaluators and PIs interested in evaluation to openly share their successes and challenges in evaluating ISE projects. If you want to network with and learn from others who conduct evaluations in the ISE field, this is the session for you.

2:45-3:00 pm

International Ballroom

Closing Remarks—And What's Next



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