

# 2017

Program in the  
Edward F. Reidy, Jr.  
Interactive Lecture Series

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## Assessing Student Learning of the Next Generation Science Standards

Portsmouth Harbor Events and Conference Center

100 Deer Street, Portsmouth, NH 03801

September 28-29, 2017

#RILS2017 @NCIEA1

### Thursday, September 28<sup>th</sup>

8:00 AM **Breakfast available**

8:30 AM **Welcome and Introduction to RILS**  
PRESENTER: Scott Marion (Center for Assessment)

9:00 AM **Jumping into the NGSS**  
This session provides an overview of the structure of the NGSS and illustrating what three dimensional learning looks like within the classroom.  
PRESENTERS: William Penuel (University of Colorado Boulder), TJ Smolek (Michigan Department of Education)

9:45 AM **Stretch Break**

9:50 AM **Specifying the Domain of the NGSS for Assessment**  
Translating the NGSS into a working assessment blueprint involves a number of decisions, decisions that can ultimately lead to very different assessments. In this session members of several states will present their particular approaches to operationalizing the NGSS as the target of assessment.  
PRESENTER & FACILITATOR: Brian Gong (Center for Assessment)  
PRESENTERS: Kevin King (WestEd), April McCrae (Delaware Department of Education), Kathleen Scalise (University of Oregon)

11:05 AM **Break**

- 11:20 AM **Score Reports & Subclaims**  
 This session explores ways in which summative assessment results can be reported, with emphasis on subscores and the subclaims that support them.  
 PRESENTER & FACILITATOR: Nathan Dadey (Center for Assessment)  
 PANELISTS: Jon Cohen (American Institutes for Research), Kevin King (WestEd), TJ Smolek (Michigan Department of Education)
- 12:30 PM **Lunch**
- 1:30 PM **Item Walk**  
 The “item walk” will provide attendees with the opportunity to examine example items from multiple assessment programs, to both illustrate and explore the challenges of three dimensional item and task design.  
 FACILITATORS: Scott Marion and Nathan Dadey (Center for Assessment)  
 PRESENTERS: Jon Cohen (AIR), Christopher Harris (SRI), Kevin King (WestEd), Kathleen Scalise (University of Oregon), Bill Penuel (University of Colorado Boulder) Karen Whisler (Measured Progress)
- 3:00 PM **Break**
- 3:15 PM **The Alignment Challenge**  
 This session explores how we can adjust, or develop new, alignment methods and criteria to fairly evaluate how well the test embodies the NGSS, while at the same time, minimizing unintended negative consequences.  
 FACILITATOR: Jeri Thompson (Center for Assessment)  
 PRESENTERS: Aneesha Badrinarayan (Achieve), Sara Christopherson (WebbAlign), Christopher Harris, (SRI)  
 PANELISTS: Sean Elkins (Kentucky Department of Education), April McCrae (Delaware Department of Education), Jan Sibley (Louisiana Department of Education), TJ Smolek (Michigan Department of Education)
- 4:55 PM **Closing Reflections for Day 1**  
 PRESENTER: Brian Gong (Center for Assessment)
- 5:00 PM **Adjourn for Day One**
- 5:30 PM **Reception**  
 Join us for light hors d'oeuvres and drinks as we get to know one another and reflect on the day's discussions.

## Friday, September 29<sup>th</sup>

- 7:30 AM **Breakfast and “Breakfast Table Discussions”**  
Join colleagues for optional breakfast discussions about issues of interest that extend beyond the NGSS, such as ESSA accountability systems, innovative assessment pilots, capacity-building for NGSS implementation, and other potential topics of mutual interest.  
FACILITATORS: Center for Assessment Associates  
TOPICS: To be posted by September 28
- 8:30 PM **Technical Issues in Summative Assessment**  
This session looks under the hood at some key technical issues, including: measurement models, equating, and standard setting.  
FACILITATOR: Erika Landl (Center for Assessment)  
PRESENTERS: Leslie Keng, Joseph Martineau (Center for Assessment)  
PANELISTS: Jon Cohen (AIR), Kathleen Scalise (University of Oregon)
- 9:30 AM **Systems of Assessment**  
The National Research Council’s report, *Developing Assessments for the Next Generation Science Standards* stressed the importance of a system of assessments to support the learning and assessment of the NGSS. This session examines the challenges and opportunities to the design and implementation of science assessment systems.  
PRESENTERS & FACILITATORS: William Penuel (University of Colorado Boulder), Scott Marion (Center for Assessment)  
PANELISTS: April McCrae (Delaware Department of Education), Sean Elkins (Kentucky Department of Education)
- 10:30 AM **Break**
- 10:45 AM **Addressing Current and Future Challenges**  
This interactive session provides participants with the opportunity to collaborate with one another in small groups on near- and long-term challenges of NGSS assessment. Group topics will be created based on attendee online submissions at the end of day one.  
FACILITATORS: Center for Assessment Associates.
- 12:00 PM **Closing Reflections**  
PRESENTER: Chris Domaleski (Center for Assessment)
- 12:15 PM **Lunch and Adjourn**