Introduction to
Next Generation Science Standards

Tuesday, May 28, 2013 — Kellogg Hotel and Conference Center, East Lansing, Michigan

Agenda

7:00 a.m.  
Registration
Continental Breakfast

8:30 a.m.  
Welcome and Introductions
Barbara Markle, Assistant Dean,
Office of K-12 Outreach, College of Education, Michigan State University
Don Heller, Dean,
College of Education, Michigan State University
Joseph Krajcik, Director,
CREATE for STEM Institute, Michigan State University
Robby Cramer, Executive Director,
Michigan Science Teachers Association
Larry Casler, Executive Director,
Michigan Math and Science Centers Network

9:00 a.m.  
Setting the Context: Next Generation Science Standards Development
Stephen Pruitt, Vice President for Content, Research and Development,
Achieve, Inc

10:00 a.m.  
Break

10:15 a.m.  
Getting to Know the NGSS
Joseph Krajcik, Director,
CREATE for STEM Institute, Michigan State University
Stephen Pruitt, Vice President for Content, Research and Development,
Achieve, Inc

11:45 a.m.  
Planning for Afternoon Breakouts
Susan Codere Kelly, NGSS Project Coordinator,
Michigan Department of Education/Education Improvement and Innovation
12:00 p.m.  
**Lunch**  
Centennial, East Patio, and Surrounding Areas

12:45 p.m.  
**Breakout Session 1—A Closer Look at NGSS**

1. Grades K-2 NGSS  
Nancy Karre and Paul Drummond  
Room 105

2. Grades 3-5 NGSS  
Janet Scheetz, Mary Starr, Elizabeth Larwa  
Big Ten C

3. Grades 6-8 NGSS  
Robby Cramer, Jennifer Arnswald, Yonee Kuiphoff  
Big Ten A

4. HS Physics/Chemistry NGSS  
Laura Ritter, Kristin Mayer, Jennifer Grivins  
Lincoln Room

5. HS Biology NGSS  
Cheryl Hach, David Bydlowski  
Auditorium

6. HS Earth Systems Science NGSS  
Michael Gallagher, James Emmerling  
Room 104

7. NGSS for Administrators  
Megan Schrauben, Alycia Meriweather, Lawrence Pumford  
Big Ten B

8. NGSS for Teacher Preparation Programs  
Betty Crowder, Amelia Gotwals, Beth Kubitskey, Charles Dershimer, Deborah Peek-Brown  
Room 103

1:45 p.m.  
**Break**  
Centennial

2:00 p.m.  
**Breakout Session 2—Other Topics**

1. NGSS Transition Planning K-5  
Nancy Karre, Paul Drummond, Mary Starr, Liz Larwa, Beth Kubitskey  
Big Ten C

2. NGSS Transition Planning 6-12  
Robby Cramer, Laura Ritter, Alycia Meriweather, Kristin Mayer, Yonee Kuiphoff  
Big Ten A

3. K-12 Topic Progressions in NGSS  
Dave Bydlowski  
Room 105

4. Model Course Mapping Options for MS and HS  
Mike Gallagher, Jennifer Grivins, Lawrence Pumford  
Big Ten B

5. Engineering Embedded in K-12 NGSS  
Charles Dershimer, Larry Casler  
Auditorium

6. Career and College Readiness in NGSS  
Susan Codere Kelly, Melanie Cooper, Ryan Sweeder  
Room 104

7. All Standards/All Students  
Deborah Peek-Brown, Betty Crowder  
Room 103

8. Connections to / Alignment with CCSS  
Megan Schrauben, Jennifer Arnswald, Janet Sheetz  
Lincoln Room
3:00 p.m. Break

3:15 p.m. Summary and Next Steps—Panel Discussion, Q&A

Joseph Krajcik, Panel Moderator,
Director, CREATE for STEM Institute, Michigan State University

Stephen Pruitt, Vice President for Content, Research and Development,
Achieve, Inc

Linda Forward, Director,
Michigan Department of Education/Education Improvement and Innovation

Susan Codere Kelly, NGSS Project Coordinator,
Michigan Department of Education/Education Improvement and Innovation

Megan Schrauben, Integrated Education Consultant,
Michigan Department of Education/Education Improvement and Innovation

Robby Cramer, Executive Director,
Michigan Science Teachers Association

Larry Casler, Executive Director,
Michigan Math and Science Centers Network

Andrew Middlestead, Manager,
Michigan Department of Education/Office of Standards and Assessment

4:00 p.m. Adjourn—CEU sign out