Midwest and Great Plains Regional Network Conference

June 5-7, 2015
Washington University, St. Louis, MO

Friday, June 5

9:00-10:00  Registration and poster setup  Seigle 304
10:00-11:15 Opening Session  Seigle L006

Welcome and Overview
Karen Klyczek, University of Wisconsin-River Falls

Keynote address I
Fostering Reform in Undergraduate STEM Education: Thinking and Working Systemically
Ann Austin, Michigan State University and National Science Foundation

11:30-12:30  Concurrent Introductory Sessions

Identifying STEM Teaching Strengths in the Network  Seigle L003, L002
Steven Matzer, Augustana College
Sharon Klavins, University of Wisconsin-River Falls

Organizational change in higher education: nature of the challenge and ways to support change  Seigle L004
Jo Anne Powell Coffman, Iowa State University
Taylor Allen, Oberlin College

12:30-1:30  Lunch  Umrath Lounge

1:30-2:00  Introduction to Team Work Sessions and Creative Problem Solving  Seigle L006
Kathy Miller, Washington University
Taylor Allen, Oberlin College

2:00-3:30  Team work session I  Seigle L002, L003, L004, 205, 305
Assessing the situation, Exploring the vision

4:00-5:30  Poster Session and Reception  Seigle 304
Posters by Cohort 1 teams and New teams

5:30-6:30  Dinner  Umrath Lounge

6:30-8:00  Team Work Session II  Seigle L002, L003, L004, 205, 305
Formulating the challenge, Exploring the solution
Saturday, June 6

Breakfast at the Crowne Plaza Hotel

8:30-9:30 Keynote Address II
Navigating from Vision to Change: Tools to help biology departments align curriculum with the core concepts of biology
Sara Brownell, Arizona State University

9:45-11:00 Breakout Sessions I

1. Strategies for Incorporating Evidence-Based Active Learning in Your Classroom and Department
   Stephanie Gardner, Purdue University
   Elena Bray-Speth, St Louis University
   Sharon Klavins, University of Wisconsin-Platteville
   Mary Phillips, Tulsa Community College

2. Mentoring and Peer Feedback to Improve STEM Teaching
   Douglas Chalker, Washington University
   Kathryn Miller, Washington University

3. Using students' writing to promote V&C competencies
   Paul Arriola, Elmhurst College
   Michael Kelrick, Truman State University

4. Personal genomics in the classroom
   Bryant McAllister, University of Iowa
   Eve Mellgren, Elmhurst College

11:00-11:15 Break

11:15-12:45 Team Work Session III
Formulating the solution, Exploring acceptance

12:45-1:45 Lunch
Umrah Lounge

2:00-3:15 Breakout Sessions II

5. Engaging students so that all can learn
   Caroline Breitenberger, The Ohio State University
   Stephanie Gardner, Purdue University
   Michael Kelrick, Truman State College

6. Maintaining momentum: How to avoid losing progress
   Paul Arriola and Eve Mellgren, Elmhurst College

7. Incorporating research experiences into the curriculum
   Douglas Chalker, Washington University
   Mary Phillips, Tulsa Community College
   Joshua Smith, Missouri State University

   Betsy Desy, Southwest Minnesota State University
   Taylor Allen, Oberlin College
3:15 - 3:30  Break

3:30-4:30  **Curriculum Alignment and Assessment**  Seigle L006
  Summarize dinner and lunch discussions

  **Stories of Change from Cohort 1**
  Elmhurst College, Eve Mellgren and Paul Arriola
  Tulsa Community College, Mary Phillips

  **PULSE Resources for Departmental Transformation**

4:30-4:45  Break

4:45-6:00  **Team Work Session IV**  Seigle L002, L003, L004, 205, 305
  Timeline for plans, submit plans

Evening  Dinner - on your own

**Sunday, June 7**

Breakfast at the Crowne Plaza Hotel

8:30-9:30  **Peer review of departmental action plans**  Seigle 304

9:30-10:15  **Reports from Sub-regional network hubs**  Seigle L006

10:15-10:30  Break

10:30-11:45  **Strategies for Enhancing the Network**  Seigle L002, L003, 303, 305, 205, 306

11:45-12:15  **Report out**  Seigle L006

12:15-1:00  Lunch  Seigle 304

1:00-1:30  **Recap, Wrap up**  Seigle L006

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