



TRESTLE

AGENDA

[TRESTLE Annual Meeting and Course Transformation Institute](#)

October 20-22, 2016

University of Colorado Boulder (CU)

What is the TRESTLE story? What is the story on your campus? How do we continue what we have started?

Thursday, October 20

Optional Pre-Meeting Event: DBER Seminar in [Porter Biosciences Building](#) on CU Campus

3:00-4:00 The DBER Seminar is a CU forum for faculty, staff, researchers, and students interested in education research and course transformation to share their ideas and get feedback on their work. TRESTLE participants are welcome to attend. TRESTLE PI Andrea Greenhoot will give a brief overview of the project, and share findings from a prior KU project: *Team-Designed Improvement of Writing and Critical Thinking in Large Undergraduate Courses*.

TRESTLE Meeting and Dinner: [Millennium Harvest House](#), Millenium Room

5:00-6:00 Sign in, Appetizers/Drinks, Social and Networking
Objective: Connect with colleagues across campuses for collaboration, mentoring, or exchange of ideas.

6:00-8:00 Dinner
Welcome - Stephanie Chasteen (CU)
Presentation: What has TRESTLE accomplished to date? - Andrea Greenhoot (KU)

Initial Meeting of Interest Groups
Objective: Establish individual and interest group goals for meeting

Friday, October 21 [Kittredge Multipurpose Room \(1st Floor\)](#) on CU Campus

8:00-8:25 Breakfast

8:30-9:00 Meeting Overview and Goals, the CU Story
Stephanie Chasteen (CU), Kathy Perkins (CU)

9:00-11:00 TRESTLE Course Transformation Projects- Participants share design, methods and results of ongoing course transformation projects
Objective: Share and learn from course transformation work happening on each campus

9:00-10:20 Course Transformation Case Studies

Select 2 of 3, 35 min each. Presenters will facilitate an in-depth discussion of their course transformation process, outcomes, and next steps.

Choose from the following:

Case	Title	Presenter(s)	Institution
1 (Room A)	Implementing Interrupted Case Studies Across a Human Anatomy and Physiology Course Sequence	Janet Casagrande Ruth Heisler	University of Colorado Boulder
2 (Room B)	Generating Buy-In and Transforming an Introductory Molecular Biology Course	Mark Mort Brian Ackley Stefanie DeVito	University of Kansas
3 (Room D)	Transformation in Progress: An Intro Astronomy Course at UBC	Linda Strubbe	University of British Columbia

10:20-10:45 Large Group Discussion: Highlights and lessons learned from cases; burning questions addressed (Dea Greenhoot, KU, & Natalie Simper, QU)

10:45-11:00 Individual Reflection/Break- Identify ideas/strategies, take-aways, and ongoing questions about course transformation.

What are your questions about how to accomplish your course transformation or move it to the next level?

11:00-12:00 Poster Session (see Program for a list of posters)

Objective: Learn about course transformation projects from each campus

12:00-1:10 Lunch and Speaker

Anne-Barrie Hunter (CU)

Talking about Leaving Revisited: What Factors Currently Affect Students' Decisions to Switch from STEM Majors

1:25-2:15 Digging Deeper into Course Transformation: Interest Group and Large Group Discussion (George Rehrey, IU). With your interest group, synthesize ideas from the morning and be prepared to report out.

Objectives: Reflect on what you've heard/seen so far, consider application of ideas to your work, generate ideas and additional questions to share with the larger group. Bring forward burning questions generated in interest groups and address them.

- 2:15-2:30 Break
- 2:30-3:20 Workshop: It's Not Just About You (Caroline Bennett and Mark Mort, KU)
Objective: Identify ways to move the work beyond you (and your course) and make it sustainable
- 3:20-3:30 Break/Transition Time
- 3:30-4:35 Quick Hits- Examples of active learning strategies, activities, assignments, and assessments (see Program for list of Quick Hits)
Objective: Gather specific ideas you can use, including answers to some burning questions
- 4:35-4:45 Wrap-up
- 4:45-5:00 Transition to Fiske Planetarium (across street), Group photo
- [Fiske Planetarium](#)
- 5:00-6:00 Happy Hour Discussion: Reflection and Planning with Your Interest Group
Objective: Reflect on insights so far, apply ideas to local work
- 6:00 Dinner on your own

Saturday, October 22 CU Campus – Kittredge Multipurpose Room (1st Floor)

- 8:15-8:45 Breakfast
- 8:45-11:00 Mini-Workshops- choose one of three options in each of two rounds
Objective: Build expertise specific to your role
- 8:45-9:45 Mini-Workshop Round 1- Choose one of three options

Quick Summary of Workshop options (see Program for more details)

Round	Room A	Room B	Room D
1 8:45-9:45	PhET Interactive Simulations: Effective Classroom Use	Decoding the Disciplines: Making Expert Thinking Explicit	Support Structures for Embedded Experts: What Works
2 10:00-11:00	Addressing Bottlenecks in Computing and in STEM	Learning Assistants/Using Undergraduate Students in the Classroom	The Design and Use of Interactive "Tactivities" for Undergraduate Calculus

9:45-10:00 Break

10:00-11:00 Mini-Workshop Round 2- choose one of three options

11:00-11:30 Interest Group Wrap-Up

Objectives: Synthesize what you have learned and develop your work plan for after this meeting

11:30-12:45 Lunch, Group Presentations, and Goal Setting

Objective: Synthesize what we have learned through the meeting and set goals to continue the Network's activity

Saturday, October 22 Optional Post-Meeting Events @ Fiske Planetarium, CU Campus

1:00 Stars and Lasers show at Fiske Planetarium (\$10)

<http://www.colorado.edu/fiske/showsevents/laser-liquid-sky-shows/stars-and-lasers>

2:30 Full Dome Film at Fiske Planetarium, Habitat Earth (\$10)

<http://www.colorado.edu/fiske/showsevents/fulldome-films/fulldome-film-habitat-earth>