

# Summer Teaching as Research Institute for Post-docs in Engineering (STRIPE)

## Through the Teaching Institute for Graduate Research Education (TIGER)

This summer the Teaching Institute for Graduate Education Research (TIGER) will hold the fourth annual Summer Teaching as Research Institute for Post-docs in Engineering (STRIPE) workshop. STRIPE is a one-week summer institute for postdoctoral fellows in the Science, Technology, Engineering and Math (STEM) fields in which they will apply engineering principles of design, build, test and iterate to specific course curriculum development while using relevant literature and techniques. The 4-hour per day, 5-day workshop will include educational research techniques, CIRTL topics, and seminal engineering education research findings. Participants will complete a genuine teaching and learning experience to discuss in their faculty job interviews. All STEM fields are welcome.

**If you know of other post-docs in your lab interested in teaching at the college level, help them become aware of this opportunity!**

- We will spend one week in beautiful Boulder, Colorado! Help with housing can be coordinated. Participants are responsible for travel and housing expenses.
- Summer 2016: June 13 – June 17, Monday through Friday, from 12:30 – 4:30 pm MDT in the Active Learning Center, ITLL 1B50.
- Open to post-docs and brand new faculty in any STEM field at any institution with or without prior significant teaching experience
- Workshop leaders: Professors Jean Hertzberg and Clayton Lewis of the University of Colorado
- Deadline to sign up: May 23<sup>rd</sup>, 2016



### Learning Objectives:

1. Participants will be able to apply new teaching techniques, including active learning approaches.
2. Participants will be able to apply their disciplinary techniques to help students improve their learning.
3. Participants will be able to apply their disciplinary techniques to improving their own teaching.

### Lecture & Activity Topics:

- Learning objectives
- Assessments
- Active learning techniques
- Elective topics TBD, such as
  - Team management
  - Conflict resolution
  - Academic Job Search

Registration is required, but free!

For more information visit our website:

<http://cirtl.colorado.edu/>



TIGER STRIPE

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