Building a Life Sciences Education Community of Practice for:

- Reforming Life Sciences Education
- Developing and Using Core Concepts and Competencies
- Using Innovations in Student Centered Learning
- Aligning Teaching and Assessment
- Facilitating Educational Research Collaborations
- Publishing and Funding Educational Research

DEADLINES
Abstract: March 3
Housing: May 23
Advance Registration: May 23

LOCATION & DATE
College of the Atlantic
Bar Harbor, Maine
June 23-27, 2014

the-aps.org/ITL
PURPOSE OF WORKSHOP:
The American Physiological Society (APS) Institute on Teaching and Learning (ITL) will engage educators (community/4-year college through professional school) in interactive sessions on best practices in teaching, learning, and assessment. Whether you are an experienced educator or new to teaching, it will challenge you to gain skills in designing and implementing educational research in your classroom and in learning how to share your findings with colleagues.

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From it's Native American heritage to the Gulf of Maine's unique ecosystems and species, Bar Harbor, Maine has something for everyone. Whale watching, boating, kayaking, rock climbing, pubs and breweries, fine dining, and shopping only name a few activities in this quaint town. View Maine's most scenic vistas at Acadia National Park. Here you can also visit the museum, tour the island lighthouses, browse the art galleries, or observe lobsters and their babies at the hatchery.

Bar Harbor, Maine is easily accessible via the Bangor Airport. Temperatures in this area during June usually range from the low 70's to low 80's making the outdoors ideal for all types of activities. For more information on Bar Harbor, please visit www.barharborinfo.com.

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PRELIMINARY PROGRAM:

Keynote Lecture
Speaker: Trish Schulte
Reform in Physiology Education

Plenary I
Developing and Using Core Concepts: Conceptual Change, Misconceptions, and Assessment
Speaker: Jenny McFarland

Workshop I: Using Core Concepts • Jenny McFarland
Workshop II: Case-based Learning • William Cliff

Plenary II
Implementing and Assessing Core Competencies in the Classroom
Speaker: Dee Silverthorn

Workshop III: Using Core Competencies • Dee Silverthorn
Workshop IV: Transforming Cookbook Labs into Inquiry Labs
Margaret Shain

Plenary III
Designing Educational Research
Speaker: Marilla Svinicki

Workshop V: Research Design–Intermediate • Marilla Svinicki
Workshop VI: Research Design–Basic • Michelle Smith

Plenary IV
Student Centered Learning: Practical Models
Speakers: Barbara Goodman and Chaya Gopalan

Workshop VII: Designing Good Clicker Questions • Joel Michael
Workshop VIII: Best Practices for Undergraduate Research Experiences • Kirsten Zimbardi

Plenary V
Aligning Teaching and Assessment: Blooming Questions
Speaker: Mary Pat Wenderoth

Workshop IX: Blooming Questions • Mary Pat Wenderoth
Workshop X: Using Statistics • Douglas Curran-Everett

Plenary VI
Publishing Your Educational Research
Panelists: Robert Carroll and Jean Cardinale

Workshop XI: Research Collaborations I • Open Discussions
Workshop XII: Research Collaborations II • Open Discussions

Plenary VII
Funding for Educational Research: Perspectives from Funding Agencies and Principal Investigators
Panelists: Kate Denniston, Others TBD

Plenary VIII
Where Do We Go from Here? Next Steps in Collaboration and Community Building
Open Discussion

For more information or to register, visit: the-aps.org/ITL or scan this code