

## June 2015 New Faculty Workshop – Draft Schedule

### Monday, June 22

- 11:00 AM – 5:00 PM Workshop Registration  
Holiday Inn – College Park, MD  
Grand Ballroom Foyer
- 1:30-3:00 PM Workshop  
Effective Grant Proposal Writing and Grant Opportunities with Research Corporation  
Richard Weiner, Program Officer, Research Corporation for Science Advancement  
[rweiner@rescorp.org](mailto:rweiner@rescorp.org)  
Grand Ballroom AB
- 3:00-4:30 PM Workshop  
Grant Opportunities at the National Science Foundation  
Joyce Evans, Division of Undergraduate Education, [jevans@nsf.gov](mailto:jevans@nsf.gov)  
Kevin Lee, Division of Undergraduate Education, [klee@nsf.gov](mailto:klee@nsf.gov)  
Kathleen McCloud, Division of Physics, [kmcloud@nsf.gov](mailto:kmcloud@nsf.gov)  
James Neff, Division of Astronomical Sciences, [jneff@nsf.gov](mailto:jneff@nsf.gov)  
Guebre Tessema, Division of Materials Research, [gtessema@nsf.gov](mailto:gtessema@nsf.gov)  
Grand Ballroom AB
- 4:30-5:00 PM Break
- 5:00-5:15 PM Opening Remarks  
**Welcome and Introductions**  
Robert Hilborn, Associate Executive Officer, AAPT, Chair, Physics and  
Astronomy New Faculty Workshop  
Beth Cunningham, Executive Officer, AAPT  
TBD, AIP  
James Taylor, Deputy Executive Officer, APS  
Kevin Marvel, Executive Officer AAS  
Grand Ballroom AB
- 5:15-6:15 PM Large Group Session  
Learner-Centered Teaching in Physics and Astronomy  
Edward Prather, University of Arizona  
Grand Ballroom AB
- 6:15-7:15 PM Dinner  
Grand Ballroom ??
- 7:15-8:15 PM Large Group Session  
Think-Pair-Share Practical Details  
Edward Prather, University of Arizona

### Tuesday, June 23

- 6:30-7:30 AM Breakfast – Holiday Inn – College Park  
Moose Creek Steak House
- 7:45 AM Shuttle Bus Leaves (On Time) for the American Center for Physics

8:20 AM Introductions and Marching Orders  
Robert Hilborn, AAPT,

8:30 – 9:30 AM Large Group Session Conference Room A

Interactive Lecture Demonstrations  
David Sokoloff, University of Oregon  
Ron Thornton, Tufts University

9:30 – 10:15 AM Small Group Sessions

Interactive Engagement in Upper-Level Courses (I) Conference Room A  
Corinne Manogue, Oregon State University

Real-Time Physics/ILD (II) Conference Room B  
David Sokoloff, University of Oregon and Ron Thornton, Tufts

Periscope: A View of Student Interactions (III) Conference Room C  
Renee Michelle Goertzen, American Physical Society

10:15-10:45 AM Break ACP Rotunda

10:45-11:30 AM Small Group Sessions

Interactive Engagement in Upper-Level Courses (II) Conference Room A  
Corinne Manogue, Oregon State University

Real-Time Physics/ILD (III) Conference Room B  
David Sokoloff, University of Oregon and Ron Thornton, Tufts

Periscope: A View of Student Interactions (I) Conference Room C  
Renee Michelle Goertzen, American Physical Society

11:30-12:15 PM

Interactive Engagement in Upper-Level Courses (III) Conference Room A  
Corinne Manogue, Oregon State University

Real-Time Physics/ILD (I) Conference Room B  
David Sokoloff, University of Oregon and Ron Thornton, Tufts

Periscope: A View of Student Interactions (II) Conference Room C  
Renee Michelle Goertzen, American Physical Society

12:15-1:15 PM Group Photo and Lunch ACP Cafeteria

1:15-2:15 PM Large Group Session Conference Room A

PhysPort: Teaching, Evaluation and Assessment Resources  
Sarah (“Sam”) McKagan, Seattle Pacific University

2:15-3:15 PM Small Group Work Conference Rooms A, B, C

Preparing Think-Pair-Share (Peer Instruction) Materials

3:15-3:45 PM Break ACP Rotunda

3:45- 4:45 PM	Large Group Session Just-in-Time Teaching Andy Gavrin, Indiana University-Purdue University-Indianapolis	Conference Room A
4:45-5:45 PM	Large Group Session Problem Solving Ken Heller, University of Minnesota	Conference Room A
5:45 PM	Shuttle Bus to the hotel	
6:30-7:30 PM	Dinner	Grand Ballroom ??
7:30-8:30 PM	Faculty Online Learning Community group meeting Andy Rundquist, Hamline University	Grand Ballroom ??

**Wednesday, June 24**

6:30-7:30 AM	Breakfast – Holiday Inn – College Park	Moose Creek Steak House
7:45 AM	Shuttle Bus Leaves (On Time) for the American Center for Physics	
8:20-10:00 AM	Large Group Session Research in Physics Education: A Resource for Improving Student Learning Lillian C. McDermott and Peter Shaffer, University of Washington	Conference Room A
10:00-10:30 AM	Break	ACP Rotunda
10:30-11:15	Small Group Sessions	
	Digital Libraries (I) Bruce Mason, University of Oklahoma	Conference Room A
	PhET Simulations (II) Kathy Perkins, University of Colorado-Boulder	Conference Room B
	Problem Solving (III) Ken Heller, University of Minnesota	Conference Room C
11:15-Noon	Small Group Sessions	
	Digital Libraries (II) Bruce Mason, University of Oklahoma	Conference Room A
	PhET Simulations (III) Kathy Perkins, University of Colorado-Boulder	Conference Room B
	Problem Solving (I) Ken Heller, University of Minnesota	Conference Room C
Noon-1:00 PM	Lunch	ACP Cafeteria

1:00-1:45 PM Small Group Sessions

Digital Libraries (III) Bruce Mason, University of Oklahoma	Conference Room A
PhET Simulations (I) Kathy Perkins, University of Colorado-Boulder	Conference Room B
Problem Solving (II) Ken Heller, University of Minnesota	Conference Room C

1:45-2:45 PM Large Group Session Teaching for Retention and Diversity James H. Stith, American Institute of Physics (retired)	Conference Room A
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2:45-3:30 PM Small Group Sessions Physlets, Open Source Physics, and Easy-Java Scripts Mario Belloni, Davidson College	Conference Room C
Tenure Matters Robert Hilborn, AAPT Steve Turley, Brigham Young University	Fifth Floor Conference Room
Lecture Tutorials Ed Prather and Gina Brissenden, University of Arizona	Conference Room A
Advanced Laboratories John Essick, Reed College	Conference Room B

3:30-4:00 PM Break	ACP Rotunda
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4:00-4:45 PM Small Group Sessions Repeat from 2:45-3:30 PM	
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4:45-5:30 PM Small Group Sessions Repeat from 2:45-3:30 PM	
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5:30-6:30 PM Small Group Sessions Present Think-Pair-Share (Peer Instruction) Materials	
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6:30 PM Bus to the hotel

6:45-7:30 PM Dinner	Grand Ballroom ??
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7:30-8:00 PM Large Group Session AIP Career Pathways Project Kendra Redmond, American Institute of Physics	Grand Ballroom ??
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**Thursday, June 25**

6:30-7:45 AM Breakfast – Holiday Inn – College Park	Moose Creek Steak House
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Hotel Checkout – before noon

8:15-9:15 AM      Large Group Session      Grand Ballroom AB  
Time Management  
Tim Slater, University of Wyoming

9:15-10:45 AM      Large Group Session      Grand Ballroom AB  
Mentoring  
Eric Hooper, University of Wisconsin

10:45-11:00 AM      Break      Grand Ballroom Foyer

11:00-11:30 AM      Large Group Session      Grand Ballroom AB  
Final Words, Evaluation Procedures, and Adjourn  
Robert Hilborn, AAPT