THURSDAY, JULY 30
11:00 am - 2:00 pm  Attendee check-in
2:00 - 2:30 pm  Welcome and meeting introduction
2:30 - 3:30 pm  Preparing students for careers in industry
Jennifer Fretland, Eli Lilly and Company
3:30 - 4:30 pm  Preparing students for the health professions
Bruce Horazdovsky, Mayo Clinic College of Medicine
4:45 - 5:45 pm  Education plan discussion: What are your goals?
6:00 - 7:00 pm  On-site dinner
7:15 - 8:15 pm  Keynote Speaker
Tuajuanda Jordan, St. Mary’s College of Maryland
8:30 - 10:00 pm  Reception

FRIDAY, JULY 31
7:15 - 8:30 am  Breakfast
8:45 - 9:45 am  Plenary I
Core concepts in biochemistry and molecular biology
Ellis Bell, University of Richmond
10:00 - 11:45 am  Concurrent sessions I
Using threshold concepts to guide changes in the biochemistry classroom
Jennifer Loertscher, Seattle University
Quantitative methods in BMB: current and future trends
Johan Paulsson, Harvard University Medical School
12:00 - 1:00 pm  Lunch
FRIDAY, JULY 31 CONTINUED

1:15 - 2:45 pm  Concurrent sessions II
Lab exercises in genomics
Christopher Shaffer, Washington University in St. Louis

Case studies in the BMB classroom
Annie Prud'homme-Généreux, Quest University Canada

3:00 - 4:00 pm  Plenary II
Changing the norm: a culture of engaged learning
William LaCourse, University of Maryland, Baltimore County

4:00 - 5:15 pm  Break and poster set-up

5:15 - 6:00 pm  Theater Delta

6:15 - 7:15 pm  On-site dinner

7:30 - 10:00 pm  Poster session and networking

SATURDAY, AUGUST 1

7:15 - 8:15 am  Breakfast

8:30 - 9:30 am  Concurrent sessions III
Synthetic biology for classroom and independent undergraduate research
Todd Eckdahl, Missouri Western State University

Molecular modeling
Timothy Herman and Margaret Franzen, Milwaukee School of Engineering

9:45 - 10:45 am  Plenary III
Blended learning in the biochemistry classroom
Michael Cennamo, Columbia University

11:00 - 11:45 am  Developing an action plan

12:00 - 1:00 pm  Lunch
SPECIAL SYMPOSIA

SATURDAY, AUGUST 1 CONTINUED

1:15 - 3:30 pm
Concurrent sessions IV
Hands-On Opportunities to Promote Engagement in Science (HOPES) workshop
Regina Stevens-Truss, Kalamazoo College

1:15 - 2:15 pm
Discipline-Based Education Research (DBER)
Martina Rosenberg, University of New Mexico

2:30 - 3:30 pm
Assessing new learning initiatives
Joseph Provost, University of San Diego

3:30 - 4:00 pm
Break

4:00 - 5:45 pm
Concurrent sessions V
Grant funding
Suzanne Barbour, National Science Foundation
Transforming undergraduate education through broader impacts
Susan Renoe, University of Missouri

6:00 - 9:00 pm
Off-site dinner and networking

SUNDAY, AUGUST 2

7:15 - 8:15 am
Breakfast

8:30 - 9:30 am
Finishing action plans: Where do we go next?

9:30 - 11:00 am
Sharing action plans

11:00 am
Box lunch and departures