FORUM SESSION SUMMARY

EMPHASIZING BOTANY ACROSS THE CURRICULUM
Teaching the ‘Tree of life’ for plants (Session 2-1)
What are the essential topics about evolution that undergraduates need to understand?: A focus on plant biology (Session 5-1)
Promoting botany beyond undergraduate curriculum requirements (Session 4-1)

DESIGNING INVESTIGATIVE LABORATORIES
Enhancing botany experiences in ecology and evolution laboratories (Session 1-1)

ENGAGING UNDERGRADUATES IN RESEARCH
NSF funding opportunities that support undergraduate research (Session 4-2)
Running NSF Research Experience for Undergraduates (REU) site programs (Session 3-1)
Integrating research and teaching: Using the classroom to feed your scholarship (Session 5-3)

DEVELOPING EFFECTIVE TEACHING AND MENTORING SKILLS
Best practices and biggest challenges in the botanical classroom and lab (Session 5-2)

SUPPORTING EFFECTIVE TEACHING AND LEARNING
Making the most of NSF Division of Undergraduate Education funding opportunities (Session 2-2)
Approaches to teaching botany to non-majors (Session 1-2)
Attracting botany graduate students to smaller schools (Session 2-3)
Facilitating interaction in large lecture courses (Session 3-2)

REACHING OUT BEYOND THE IVORY TOWERS
Where’s botany in the news? Strategies for linking up with the media (Session 3-3)
The SIU SYSTEM: A model program for supporting youth with disabilities in science (Session 1-3)