Appendix 2. Workshop Agendas

Workshop 1: October 18–20, 2016, in Rockville, MD

Plant Science Research Network
Postgraduate Training Strategic Retreat

Location  Hilton, Washington DC / Rockville Hotel and Executive Meeting Center
1750 Rockville Pike, Rockville, MD 20852-1699

Objective  To identify recommendations for action by the PSRN and broader plant science community to enable the potential of the plant sciences through postgraduate training and cyberinfrastructure.

Tuesday, October 18, 2016

12:30 pm  Registration  PSRN Staff

1:00 pm  Kick-off: Welcome and Stage Setting
Opening Remarks  David Stern

Table Introduction and Discussion
What do we mean by Plant Science?

Keynote Address
How entrepreneurship may shape the future of plant science research.
Jacqueline Heard (CiBO Technologies, Chief Strategy Officer)

Enabling the Plant Sciences: Training and Cyberinfrastructure
Discussion of the overarching synergies between postgraduate training and cyberinfrastructure. What is the key underlying question associated with that synergistic space?

3:15 pm  Coffee Break

3:30 pm  Scenario Planning and PSRN 2035 Scenarios  Susan Stickley
Presentation to introduce participants to both the scenario thinking methodology and the PSRN scenarios.

Early Indicators
Discussion of the early indicators that participants identified associated with the PSRN scenarios.

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Wednesday, October 19, 2016

8:30 am  Stage Setting and Morning Reflections

Stretching Our Thinking on the Future of Postgraduate Training

Conversations with three provocateurs on how this challenging and changing world can transform the role and model of postgraduate training.

Provocative Speakers
Adrian Taylor (Consultant, 4Sing: Foresight and Strategy for Security and Sustainability in Governance)

Jeff Hancock (Professor of Communications, Stanford University)

Isha Ray (Professor of Energy and Resources, UC Berkeley)

Panel Moderator
David Stern (Professor, President, Boyce Thompson Institute)

10:30 am  Break

10:45 am  Scenario Deep Dive

Breakout Groups

Exploration of the strategic implications of the PSRN scenarios on the future of postgraduate training in the plant sciences.

12:15 pm  Lunch

1:00 pm  Scenario Deep Dive

(Continued)

Breakout Groups

Sharing Insights

Breakout groups present their discussion highlights and strategic recommendations for action in plant science postgraduate training.
Robust Strategies
Identification of strategies that work well across the full set of PSRN scenarios.

3:15 pm  Break

3:30 pm  Deeper Exploration of Learnings: Competencies of the Future
Based on our strategic exploration of the PSRN scenarios, what will be the key competencies of scientists? How should this inform strategies in cyberinfrastructure?

Changing Legacy Practices
What needs to be addressed in the plant science community culture and practices to create the future we desire?

Next Steps, Closing Remarks  
David Stern

5:00 pm  Adjourn for Evening

Thursday, October 20, 2016

9:00 am  Morning Reflections, Prep for Presenting Strategies and Recommendations
Opportunity to review and refine learnings and content to share back.

10:00 am  Break

10:15 am  Sharing Our Insights
Groups share recommendations from their postgraduate training and cyberinfrastructure sessions.

Enabling the Plant Sciences: Exploring the Shared Space
What are the critical learnings in the shared space of cyberinfrastructure and postgraduate training that enable plant science research? Which insights can be applied to other sciences?

12:15 pm  Working Lunch
Discussion of takeaways for action and the critical next steps to create momentum and progress forward. PSRN's role in progressing the agenda.

1:00 pm  Our Path Forward
Compilation of critical next steps moving forward.

1:45 pm  Closing Remarks  
David Stern

2:00 pm  Adjourn
Workshop 2: September 19–21, 2017, in Baltimore, MD

Plant Science Research Network
Workshop to Address Postgraduate Training in the Plant Sciences

Location
The Westin Baltimore Washington Airport – BWI, Salon 2
1110 Old Elkridge Landing Road, Linthicum Heights, MD 21090

Pre-work assignment
Thoughtfully read *Imagining Science in 2035* (bit.ly/ImaginingScience)
Come with an early indicator for each of the four scenarios.

Tuesday, September 19, 2017

6:00 pm  Registration
6:45 pm  Welcome Remarks
Keynote Speakers and Provocative Conversations
Maria Wheeler-Dubas, Ph.D. (Phipps Conservatory and Botanical Gardens)
Sarah Davidson Evanega, Ph.D. (Cornell University)
Panel Moderator: David Stern (Boyce Thompson Institute)
9:30 pm  Adjourn for Evening

Wednesday, September 20, 2107

8:30 am  Kick-off: Welcome, Introductions, Stage Setting  
*David Stern*
Opening Remarks
Table Warm-up: What Do We Mean by Plant Science?
9:15 am  Scenario Planning and PSRN 2035 Scenarios  
*Susan Stickley*
9:45 am  Early Indicators
10:30 am  Break
10:45 am  Scenario Deep Dive
12:15 pm  Lunch
1:00 pm  Scenario Deep Dive, cont.
1:45 pm  Sharing Insights
2:15 pm  Robust Strategies
3:15 pm  Break
3:30 pm  Deeper Exploration of Learnings: Competencies of the Future
4:20 pm  Our Strategic Planning Process and Earlier Findings
         Changing Legacy Practices

5:00 pm  Adjourn for Evening

Friday, September 21, 2017

8:30 am  Morning Reflections

9:15 am  Comparing the Results
         What's Consistent? What's New? What Assumptions May Be at Play?

10:15 am  Break

10:30 am  Robust Strategies Taking Forward – Closing on the Final Content

11:45 am  Enabling the Plant Sciences: What Have We Learned?

12:15 pm  Working Lunch

1:00 pm  Our Path Forward

1:45 pm  Closing Remarks  
         David Stern

2:00 pm  Adjourn