NIMBioS/SCMB Workshop on Quantitative Education in Life Science Graduate Programs: Draft Schedule

Monday, March 16
8:00am – 9:00am   Breakfast available at NIMBioS
9:00am – 9:15am   Introduction of workshop objectives and participants – Lou Gross (UTK)
9:15am – 9:45am   “Prioritizing quantitative concepts and skills - results from analysis of suggested readings from biomedical science faculty – Lou Gross (UTK)
9:45am – 10:15am "Teaching quantitative methods to biologists: hands-on approaches at the University of Chicago” – Stefano Allesina (U. Chicago)
10:15am – 10:30am Coffee break
10:30am – 11:00am “When good theory is not good enough: practical and problem-centric approaches for developing PhD training programs in quantitative Biosciences” – Joshua Weitz (GA Tech)
11:00am – 11:30am “A flexible graduate training program to build hard and soft skills: integrating informatics and ecology” – Kiona Ogle (NAU)
11:30am – 12:00pm “Reflections on graduate education from two decades of working at the National Academies” – Jay Labov (National Academies)
12:00pm – 12:05pm Group photo
12:05pm – 1:00pm Lunch
1:00pm – 1:30pm   "Experimenting with graduate course formats for statistics and programming” – Nathalie Vladis (Harvard Medical School)
1:30pm – 2:30pm   Breakout sessions 1 – 4
2:30pm – 3:00pm   Coffee break and session reports
3:00pm – 4:30pm   Breakout sessions 1 – 4
4:30pm – 5:00pm   Session reports and summary
5:00pm            Reception
6:00pm            Dinner on your own

Tuesday, March 17
8:00am – 9:00am   Breakfast available at NIMBioS
9:00am – 9:30am   Presentation by Kenneth Gibbs (NIGMS)
9:30am – 10:30am  Breakout sessions 5 – 8
10:30am – 11:00am Coffee break and session reports
11:00am – 12:00pm Breakout sessions 5 – 8
12:00pm – 12:30pm Session reports and breakout topic evaluations
12:30pm – 1:30pm  Lunch
1:30pm – 3:00pm   Breakout sessions 9 – 12
3:00pm – 3:30pm   Coffee break and session reports
3:30pm – 5:00pm   Breakout sessions 9 – 12
5:00pm – 5:30pm   Session reports and summary
5:30pm            Dinner on your own

Wednesday, March 18
8:00am – 9:00am  Breakfast available at NIMBioS
9:00am – 10:00am Organization of report and consensus on topics to include
10:00am – 10:15am Break
10:15am – 11:30am Synthesis sessions for each report session
11:30am – 12:30pm Final wrap up
12:30pm           Box lunch available