SynBERC onsite review and retreat - Training Group schedule

Wednesday, February 21

morning	Students arrive at Berkeley West Biocenter (BWB)	
12:30-1:30	Lunch with SynBERC PIs	BWB 154
1:30-2:00	Introductions, overview of SynBERC by SLC	
2:00-3:30	Round-robin science session (proposed) - What are people working on? - How do those projects relate to SynBERC testbeds? - Where is there research overlap, projects of mutual interest? - What parts, devices, or chassis are most needed? - What are the roadblocks to developing those components? - What projects would we most important for SynBERC in the next six months?	
3:30-3:45	Break	
3:45-4:30	SynBERC discussion: SWOT Strengths, Weaknesses, Opportunities, Threats	
4:30-5:00	TBD	
5:30-6:00	Transportation to Woodfin Suites	shuttles at lobby
6:30-7:30	Dinner (possible short talk on goals of review/retreat?)	Sierra/Yosemite

Thursday, February 22

7:10	Van pickup participants from Woodfin Suites	Hotel lobby
7:30	Group continental breakfast	BWB 154
	Discussion on standards See http://openwetware.org/wiki/Synthetic_Biology:BioBricks/Standardization for previous discussion in this area	
	Refer to http://openwetware.org/wiki/SynBERC:Training_group/2007_site_visit#Thurs.2C_Feb_22.2C_morning:_Di for up-to-date agenda	
8:00-8:45	Parts	
8:45-9:30	Devices	
9:30-10:15	Chassis	
10:15-10:30	Break	
10:30-11:15	Human Practices	
11:15-12:00	Testbeds	
12:00-12:30	Putting it together: topics to bubble up to tomorrow's session	
12:30-1:30	Group lunch	Main Lobby
1:30-1:45	Poster set-up	Second floor lobby
1:45-2:30	Training Group - browse others' posters	
2:30-3:30	Training Group Poster Session with NSF, SynBERC PIs	

3:30-4:00	Break / poster break-down	BWB 154
4:00-4:30	SLC Meeting, including SWOT analysis (closed session)	BWB 120
5:00	Transportation of students to Woodfin Suites	Main lobby
Evening	Informal dinner (students self-organize)	

Friday, February 23

9:30	Van pickup participants from Woodfin Suites	Hotel lobby
10:00-noon	Implications and Applications of Synthetic Biology: Panel Discussion in conjunction with UC Berkeley Professor Jay Keasling Guest panelists George Church and Drew Endy	BWB 120
12:15	PIs and Training Group: Transport to UC Berkeley Faculty Club	Lobby
12:45-1:30	Lunch at Faculty Club	Seaborg Room
1:30-1:45	Review agenda for retreat - suggestions, changes	Heyns Room
1:45-2:30	NSF review debriefing: - High points, low points, action items	Heyns Room
2:30-5:00	The Next Six Months - Review and revise current milestones and timelines - What are the practical roadblocks? Needs? - Admin critical next steps - TBD	
5:00-6:00	Reception	Bowker/O'Neill Rooms
6:30	Dinner	Seaborg Room
7:00	Roy Curtiss: Genetic Design and Manipulation of Salmonella for Delivery of Protective Antigens, DNA and Bioactive Molecules to Infected/Immunized Animal Hosts Followed by discussion on therapeutical devices / related to Testbed 1	
~8:30	Transportation to Woodfin Suites Hotel	Lobby

Saturday, February 24

8:15	Transportation from Woodfin Suites to Faculty Club	Hotel lobby
8:30-9:00	Group continental breakfast	Heyns Room
9:00-10:45	Standards Report from Training Group Session *suggested topics:*	

	Parts - Where should part-part junctions be located? - Promoter boundaries are not fixed currently Devices - Under what operating conditions should devices be characterized? - What are the common signal carriers for transcripion-based devices translation-based devices post-translational devices What are good reporters for characterization? Chassis - What strains of E. coli should we use? - What strains of yeast? - What would an ideal chassis look like? Testbed systems Standards - Critical next steps	
10:45-11:00	Break	
11:00-12:30	<u>Human practices</u> Report from Training Group Session *suggested topics:* - What is the SynBERC "Human Practices" approach? - How is it different from a standard ELSI (Ethical, Legal, and Social Implications) model? - What should collaboration look like among biology, ethics, and the human sciences? - What are the ethical/safety/security challenges specific to synthetic biology to which we should be attending? Human Practices - Critical next steps	
12:30-1:30	Lunch	Seaborg Room
1:30-3:30	Small-molecule biosynthesis / related to Testbed 2 *suggested topics TBA*	Heyns Room
3:30-3:45	Break	
3:45-5:00	Suggested topic: Coalescence - Discuss ways individual labs organize/integrate effort - Communication modes to ensure project integration - Project approval mechanisms and other administrative trivia	
5:00-5:30	<u>Wrap-up</u> Review assignments, action items	
5:45	Transportation to Woodfin Suites	