

## SITEP Retreat – U01 grant – June 10, 2014

### **Tentative Schedule:**

- 10-10:15      Overview of Program (David, Joyce, Markus)  
Overview of larger U01 Modeling Program
- 10:30 -        Spider silk block copolymers – structure-function, structural hierarchy, materials formation  
Team: Lena (lead), Matt, Tristan  
30 min presentation, 30 min discussions
- 11:30         Collagen designs, assembly, structure-function, structural hierarchy, materials formation  
Team: Shu-wei (lead), Bo  
30 min presentation, 30 min discussions
- 12:30 -        Lunch break, discussions, planning for teams
- 1:00 -         Silk-elastin systems – genetic designs, structure-function, alloys, fiber spinning  
Team: Anna (lead), Wenwen, Nicholas  
30 min presentation, 30 min discussion
- 2:00 -         New initiatives (15 minutes each for presentation/discussion)  
Composite Materials – cocoon structures, mechanics, modeling [Zhao, Chiara]  
Mineralization of Fibrous proteins – interfaces, materials, disease states [Davoud, Shun]
- 2:30 -         Final discussions, planning, changes to monthly team meetings.