

## **SBI Faculty Meeting**

April 18, 2012

Attendees: Mark Bowick, Heather Coleman, Scott Erdman, Eric Finkelstein, Martin Forstner, Kate Lewis, Karen Low, Lisa Manning, Cristina Marchetti, Pat Mather, Mat Maye, Liviu Movileanu, Dacheng Ren, Karen Ruhlandt, Erin Stebbins.

### **iBRID IGERT (Marchetti)**

- Cristina introduced Erin Stebbins, IGERT Program Coordinator. Erin is located in 307 Physics Bldg. Welcome Erin!
- Recruitment:           Class of 6 students  
Currently the program has 2 acceptances (BMCE, Chemistry), 1 outstanding (BMCE) and 1 possible candidate (Biology). Based on the timing of the award and the limited time span to advertise and get the word out - the program may look to 2<sup>nd</sup> year students currently at SU or possibly incoming students in Physics, Biology, and Chemical Engineering. Program may need to be more flexible with incoming student selection and in the future selecting 2nd year physics students.
- IGERT Participant Meeting: Wednesday April 25 from 2:00 to 3:00 pm in room 204 Physics Bldg
- External Advisory Board Meeting is being planned: (Web Meeting, Uli Wiesner is in Australia)
- Annual Report due June 2, 2012 which will include program development
- Website- course and textbook information will be added along with promotional materials; flyers and slides for faculty to use within their network of colleagues.
- Recruiting Day and program suggestions:
  1. Increase the length of stay to 2-3 days
  2. More structured activities including a trip to downtown
  3. Tighter organization between departments
  4. More diversity in research projects
  5. Students need to meet with department and IGERT advisors equally

### **Interactive Biomaterials REU (Hasenwinkel)**

- Applicant Pool: Very strong, received 178 applications, made 14 offers, and received 11 acceptances (as of Friday 4/20).
- REU Program

- 1st week: Welcome Day, EHO training, faculty research presentations and ethics seminar.
- Friday weekly meetings: student presentations, professional development, career mentoring (seminars on careers in academia, industry) and lab and equipment techniques, IGERT and “how to give a presentation”
- Team up with chemistry and biology reu students for shared activities and seminars. (20 Chemistry, 8 Biology, 12 SBI, and possibly LSAMP)
- Potential activities include kickball, volleyball games, movie night, 1destination (TBD) bus trip, bowling, etc.
- Star Wars movie- special presentation suggest by Karin Ruhlandt a SU alum contributed to the making of the movie which included sounds produced by hoods in Bowne Hall.
- LSAMP program has 3 students who might be good candidates for faculty research projects. Please contact Julie if interested.
- Combined research poster session

#### **NEW .... HHMI Investigator Competition (Mather)**

Program Announcement -- see link: <http://www.hhmi.org/research/competitions/>

#### **SBI Sustainable Budget (Mather and Marchetti)**

- SBI reached its 5-year mark and has received a continued commitment for the next 3 years from LC Smith College of Engineering, A&S and the Provost office.
- Significant support will be from LCS (engineering and computer science), given that the faculty residing in SBI's Central Research Facilities are from LCS. Facilities surcharge-costing model is developed and implemented; until it is rolled out the Provost will provide support during 2012-2013.

#### **Graduate Course Offerings 2012-13 (All)**

The following biomaterials-related courses will be listed on the SBI and IGERT websites

<b>BIO/CHE 600</b>	Physical Cell Biology	Forstner/Pepling	MW	2:15-3:35
<b>BEN 600</b>	Ethical Issues in Eng Research	Radcliffe	MW	12:45- 2:05
<b>BEN 665</b>	Biomechanics	Henderson	MWF	10:35-11:30
<b>BEN 768</b>	Surfaces of Biomaterials	Gilbert	TBD	
<b>CHEM 600</b>	Perspectives in Biochemistry	Borer	MWF	9:30-10:25
<b>CHEM 674</b>	Structural & Physical Biochemistry	Dabrowiak	T, TH	9:30-10:50
<b>BIO 600</b>	Principles of Toxicology	Hewett	MWF	9:30-10:25
<b>BIO 600</b>	Developmental Neuroscience	Lewis	T,TH	2:00- 3:20

<b>BIO 565</b>	Cellular Physiology	Sweet	T, TH 2:00-3:20
<b>BIO 575</b>	Bio/Chem I	Chen	MWF 9:30-10:25
<b>PHY 531</b>	Thermodynamics & Statistical Mechanics	Marchetti	T, TH 2:00-3:20

### **SBI Website (Mather; Handout) ~ Feedback and Brainstorming**

See attachment

- Suggestions:
  - Scrolling images on main header
  - Add “People” to menu item which will include faculty, postdocs, students and staff
  - Equipment inventory- please send descriptions and/or pictures of equipment in your labs
  - Intranet- schedules, event dates, safety information

### **Advisory Board Update (Mather)**

See attachment

- Soft Matter suggestion from Mark Bowick was Thomas Halsey from Exxon
- Perhaps need more representation from the sciences

### **Monthly SBI Faculty Seminars**

- Monthly faculty seminars  
Volunteers include Gitsov, Lewis, Ren, Manning, Maye, Marchetti, and Movileanu. Including postdoctoral researchers was suggested after the meeting, with multiple benefits being cited, including training.

### **New Business**

- Biotechnology Symposium needs posters by April 24
- Liviu Movileanu will be serving on a NSF panel concerning the future of NSF-supported Biomaterials research, June 19-20. Please send to Liviu web-links or information describing areas that you consider worthy of NSF support.