

# SIGBio Review



- **Chair: Aidong Zhang**
- **Vice Chair: Tekin Ozsoyoglu**
- **Secretary - Treasurer: Armin R. Mikler**

# SIGBIO and Its Conference

## ■ *History of SIGBio and Member Benefits*

Original name: SIGBioinformatics → SIGBCB (proposed) -> SIGBio

Member benefits: reduced registration fee, student travel support, proceedings in ACM DL, SIGBio Newsletter (three times per year), members email list, SIGBio website

## ■ *ACM International Conference on Bioinformatics, Computational Biology, and Biomedical Informatics (ACM-BCB)*

Success in quality of papers, activities and events, and community building

	Attendees	Submission	Accepted (R)	Short Papers	Posters	workshops	Tutorials	H-talks	Forums	Demos	Symp.
2010	196	164	37	27	29	3	2				
2011	202	156	30	34	43	3	2				
2012	187	159	33	31	43	5	5	9	2		
2013	276	148	43	28	62	7	5	11	2	5	1

# Special Programs (1)

## ■ *Women in Bioinformatics Forum*

A special annual forum in BCB conferences, which features a set of presentations of both female faculty members and PhD students. This was first sponsored by the National Science Foundation in BCB2011 conference. The purpose of this program is to encourage female students to get involved in the bioinformatics research.

## ■ *PhD Students Forum*

The PhD students Forum was first held in BCB2012 which featured the poster presentations of 23 PhD students from various universities. This forum provided a platform for PhD students to network, practice presentation skills and exchange their ideas and research experiences. The second PhD students Forum was held in BCB2013 with 30 PhD students.

# Special Programs (2)

## ■ *Health Informatics Symposium*

The Health Informatics Symposium was added to BCB2013 as a step to include topics in health informatics in the BCB conference. The goal of this symposium is to bring computational scientists together with researchers and professionals to discuss the problems in healthcare, public health, and everyday wellness. The symposium highlights the most novel technical contributions in computing oriented toward health informatics and the related social and ethical implications.

## ■ *Knowledge Repository*

As part of our knowledge repository, we have started our PhD Dissertation Abstract Repository. An initiative to create a PhD dissertation abstract repository was proposed and started by Dr. Armin Mikler. This repository will host PhD dissertation abstracts collected from PhD students and will be available for public access.

# SIGBio Awards

## ■ *Best Paper and Best Student Paper Awards*

The award selection process will follow the formal review process of the conference. The PC Chair(s) of the conference will create a short list of papers. Awards committee will review these short lists and make a selection. Selection will be announced during the BCB conference.

## ■ *Best PhD Dissertation Award*

Starting from 2014, by leveraging the “PhD Dissertation Abstract Repository”, awards committee will review the PhD dissertations submitted to repository, and will select best dissertation.

## ■ *Other Awards Planned*

Starting from 2015 we plan two new awards: 1) *Outstanding Service Award*, and 2) *Research Achievement Award*.

The awards will be announced at SIGBio website:  
<http://www.sigbioinformatics.org/>

# Membership and Finance Report

## ■ Membership Growth:

Steady growth in both regular and student members

Variation in retention caused by temporary SIGHIT members.

	2011	2012	2013
Total	151	177	422
Students	19	30	116

## ■ Financial Goals:

Continued to increase in BCB revenue, NSF funding for student travel grants

	2010	2011	2012	2013	2014
BCB Revenue	\$107,315	\$108,300	\$112,800	\$161,580	
NSF Funding	\$24450.	\$22500.	\$24000.	\$20000.	
SIGBio Balance		\$45,784	\$82,905	\$140,430	>\$200,000

# Other Activities

## ■ *New Journal:*

A new transaction journal, ACM Transaction on Bioinformatics, Computational Biology and Biomedical Informatics, was planned.

## ■ *In-cooperation Conferences:*

**BIOSTEC'14: International Joint Conference on Biomedical Engineering Systems and Technologies, Angers, Loire Valley, France, March 3-6, 2014.**

**SWAT4LS '12: Semantic Web Applications and Tools for Life Sciences, Paris, France, November 28-30, 2012**

**CMSB'11: 9th International Conference on Computational Methods in Systems Biology, September 21-23, 2011, Paris.**

**1<sup>st</sup> IEEE Symposium on Biological Data Visualization, October 23-24, 2011, Providence, RI**

## ■ **European Liaison, Asian Liaison, and Community Outreach**