



ACM BCB 2013

ACM Conference on Bioinformatics, Computational Biology and Biomedical Informatics

September 22-25, 2013 Washington DC, USA

# Call for Papers, Workshops and Tutorials

## ACM Conference On Bioinformatics, Computational Biology and Biomedical Informatics (ACM-BCB 2013)

September 22-25 2013

DoubleTree by Hilton Hotel Bethesda - Washington DC

ACM-BCB Website: <http://www.cse.buffalo.edu/ACM-BCB2013>

### Key Dates

	Submission Deadline	Notification of Acceptance
Papers	May 15, 2013	July 15, 2013
Workshops	March 1, 2013	March 15, 2013
Tutorials	March 30, 2013	

### Organization Committee

#### Steering Committee

- Aidong Zhang, State University of New York at Buffalo, Chair
- Vasant Honavar, Iowa State University, Conference Director

#### General Chairs

- Sridhar Hannenhalli, University of Maryland
- Cathy Wu, University of Delaware & Georgetown University

#### Program Chairs

- Srinivas Aluru, Iowa State University
- Donna Slonim, Tufts University

#### Local Arrangement Chairs

- Amarda Shehu, George Mason University
- Liliana Florea, Johns Hopkins University

#### Workshop Chair

- Umit Catalyurek, Ohio State University

#### Tutorial Chairs

- Clare Bates Congdon, University of Southern Maine
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#### Poster Chairs

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- Iosif Vaisman, George Mason University

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- Preetam Ghosh, Virginia Commonwealth University

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- Jing Gao, State University of New York at Buffalo

#### Exhibit/System Demo Chair

- Nathan Edwards, Georgetown University

The ACM Conference on Bioinformatics, Computational Biology and Biomedical Informatics (ACM BCB) is the flagship conference of the ACM SIGBCB. This is the conference's fourth year, building upon the success of the first three meetings in Niagara Falls, Chicago, and Orlando.

The conference offers a forum for premier interdisciplinary research linking computer science, mathematics, statistics, biology, bioinformatics, and biomedical informatics. The past two decades have led to a tremendous growth in the size and dimensionality of biological and biomedical data. This conference serves to showcase leading-edge research in processing, modeling and analyzing these datasets for a variety of applications.

We invite contributed papers, workshops and tutorials in the topic areas listed below. Please refer to the conference website for more details.

ACM BCB 2013 welcomes original submissions that have not been published and that are not under review by another conference or journal.

### Topics

- Genomics and Evolution
- Protein and RNA Structure, Protein Function, and Proteomics
- Computational Systems Biology
- Next Generation Sequencing Data
- Medical Informatics and Translational Bioinformatics
- Cross-Cutting Computational Methods
- Bioinformatics Infrastructure
- Immunoinformatics and Computational Immunology
- Computational Epidemiology
- Biomedical Image Analysis
- Knowledge Representation and Inference
- Integration of Biomedical Data
- Databases, Knowledgebases & Ontologies
- Text Mining and Natural Language Processing



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Bioinformatics, Computational Biology and Biomedical Informatics