

The Joint BECON/BISTIC Symposium 2004
Biomedical Informatics for Clinical Decision Support:
A Vision for the 21st Century

NIH Natcher Conference Center, Bethesda, Maryland
June 21-22, 2004

Final Agenda

External Co-Chairs: Ruzena Bajcsy, PhD (UC-Berkeley) and Mike Vannier, MD (U Chicago)

NIH Co-Chairs: Laurence Clark, PhD (NCI) and Peter Lyster, PhD (NIBIB)

Organizational C-Chairs: Mollie Sourwine (NIBIB) and Anna Retzke (NIBIB)

Monday, June 21

8:00 – 8:15 AM	Opening Remarks
8:15 – 8:45 AM	Roadmap Presentation: <i>Stephen I. Katz (NIAMS)</i>
Track 1	Clinician Decision-Making: Statement of the Problem
8:45 – 9:15 AM	Cardiac Perspective: <i>Pedro Del Nido (Children's Hospital, Boston)</i>
9:15 – 9:45 AM	Cancer Perspective: <i>Laura Esserman (UCSF)</i>
9:45 – 10:15 AM	Integrating Biomedical Informatics: <i>Ted Shortliffe (Columbia)</i>
10:15 – 10:45 AM	Track 1 Discussion Panel
	Moderator: <i>Michael Vannier</i>
	Members: <i>Ruzena Bajcsy, Laura Esserman, Pedro Del Nido, Ted Shortliffe</i>
10:45 – 11:00 AM	Break
Track 2	Data Management: Databases & Digital Libraries
11:00 – 11:15 AM	Computer Science and Industry Perspective: <i>Carol Kovac (IBM Life Sciences)</i>
11:15 – 11:45 AM	Biomedical Imaging Perspective: <i>Maryellen Giger (U Chicago)</i>
11:45 – 12:00 PM	The Clinical Research and Regulatory Perspective: <i>Wayne Kubick (Lincoln Technologies, Inc.)</i>
12:00 – 1:00 PM	Lunch
Track 3	Enabling Technologies: Modeling, Software Tools, & Techniques
1:00 – 1:30 PM	Cardiac: Physiological Modeling Perspective: <i>Jim Bassingthwaighte (U Washington)</i>
1:30 – 2:00 PM	Lung Cancer Imaging: Software Tools Perspective: <i>Ricardo Avila (GE)</i>
2:00 – 2:30 PM	Genomics and Proteomics: Software Tools Perspective: <i>Isaac Kohane (Harvard Medical School)</i>
2:30 – 3:00 PM	Track 2 & 3 Discussion Panel
	Moderator: <i>Ruzena Bajcsy.</i>
	Members: <i>Michael Vannier, Carol Kovac, Maryellen Giger, Jim Bassingthwaighte, Ricardo Avila, Wayne Kubick</i>
3:00 – 3:15PM	Break

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Breakout Sessions **Short Term Recommendations: less than 5 years**
3:15 – 5:00 PM

Breakout Session 1:
Clinical Challenges and Related Software/Informatics Requirements
Moderator: *Ted Shortliffe (Columbia)*

Breakout Session 2:
Databases as Required for Assessment and Application of Software Tools
Moderator: *Maryellen Giger (U Chicago)*

Breakout Session 3:
Software Tools for Modeling, Data Analysis, Data Integration, & Work Flow
Moderator: *Jim Bassingthwaighte (U Washington)*

5:00 – 6:30 PM **Poster Session and Reception**

Tuesday, June 22

Keynote Session **Translational Informatics Requirements: Genome Through the Phenotype**
8:00 – 8:30 AM Informatics Infrastructure: NIH perspective: *Ken Buetow (NCI)*
8:30 – 9:00 AM Molecular Biology Perspective: *Aravinda Chakravarti (Johns Hopkins U)*

Breakout Sessions **Long Term Recommendations and Potential Barriers**
9:00 – 10:30 AM

Breakout Session 1:
Clinical Challenges and Related Software/Informatics Requirements
Moderator: *Ted Shortliffe (Columbia)*

Breakout Session 2:
Databases as Required for Assessment and Application of Software Tools
Moderator: *Maryellen Giger (U Chicago)*

Breakout Session 3:
Software Tools for Modeling, Data Analysis, Data Integration, & Work Flow
Moderator: *Jim Bassingthwaighte (U Washington)*

10:30 – 11:00 AM Break

Summary of Recommendations and Discussion
11:00 – 11:45 PM Breakout Session Moderators
11:45 – 12:15 PM Discussion
12:25 – 12:30 PM External Co-Chairs Summary

12:30 PM **Symposium Adjourns**

Satellite Meetings
2:00 – 3:30 PM **NIH Funding Opportunities Workshop**

2:00 – 3:30 PM **Using Semantic Standards to Integrate Biomedical Imaging into Clinical Decision-Making**

1:50 – 5:00 PM **Public Private Partnerships:
Potential Means to Support Biomedical Informatics Resources**

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