



NHLBI Biostatistics Workshop on Recent Advances and Challenges in Statistical Methods

September 26, 2016 to September 27, 2016

Location

Auditorium Balcony A&B, Building 45,
Natcher Conference Center, NIH Campus, Bethesda, MD 20892

To view this event, go to <https://videocast.nih.gov>.

Program

Day 1 (September 26, Monday)

7:30am-8:05am	Registration
8:05am-8:10am	Welcome from OBR Director: Nancy L. Geller
8:10am-9:55am	Session 1: Practical Issues of Large Clinical Studies
Chair:	Nancy L. Geller NHLBI/NIH
8:10am-8:40am	Ying Lu Stanford University
8:40am-9:10am	Song Yang NHLBI/NIH
9:10am-9:40am	Robert M. Califf FDA
9:40am-9:55am	Q&A, Floor Discussion
9:55am-10:10am	Break
10:10am-12:05pm	Session 2: Innovative Study Designs & Precision Medicine
Chair:	Song Yang NHLBI/NIH
10:10am-10:35am	Tze-Liang Lai Stanford University
10:35am-11:00am	Dong-Yun Kim NHLBI/NIH
11:00am-11:25am	Anastasios Tsiatis North Carolina State University
11:25am-11:50am	Marie Davidian North Carolina State University
11:50am-12:05pm	Q&A, Floor Discussion
12:05pm-1:10pm	Break
1:10pm-3:05pm	Session 3: Complex Data & Longitudinal Analysis
Chair:	Colin O. Wu NHLBI/NIH
1:10pm-1:35pm	Paul Albert NCI/NIH
1:35pm-2:00pm	Zhiliang Ying Columbia University

2:00pm-2:25pm	Xin Tian	NHLBI/NIH
2:25pm-2:50pm	Scott L. Zeger	Johns Hopkins University
2:50pm-3:05pm	Q&A, Floor Discussion	

3:05pm-3:20pm **Break**

3:20pm-5:15pm **Session 4: NHLBI Studies & OBR Statistical Research**

Chair:	Myron A. Waclawiw	NHLBI/NIH
3:20pm-3:45pm	David L. DeMets	University of Wisconsin
3:45pm-4:10pm	Janet Wittes	Statistics Collaborative, Inc.
4:10pm-4:35pm	Nancy L. Geller	NHLBI/NIH
4:35pm-5:00pm	James Troendle	NHLBI/NIH
5:00pm-5:15pm	Q&A, Floor Discussion	

Day 2 (September 27, Tuesday)

8:00am-9:55am **Session 5: Big Data, Data Mining & Machine Learning**

Chair:	James Troendle	NHLBI/NIH
8:00am-8:25am	Hemant Ishwaran	University of Miami
8:25am-8:50am	Wei-Yin Loh	University of Wisconsin
8:50am-9:15am	Daniela Witten	University of Washington
9:15am-9:40am	Colin O. Wu	NHLBI/NIH
9:40am-9:55am	Q&A, Floor discussion	

9:55am-10:10am **Break**

10:10am-11:35am **Session 6: Genetics & Next Generation Sequencing**

Chair:	Xin Tian	NHLBI/NIH
10:10am-10:35am	Xihong Lin	Harvard University
10:35am-11:00am	Yi-Ping Fu	NHLBI/NIH
11:00am-11:25am	Nilanjan Chatterjee	Johns Hopkins University
11:25am-11:40am	Q&A, Floor Discussion	

11:40am-12:30pm **Panel Discussion, Summary & Recommendations to NHLBI**

Chair:	Nancy L. Geller	NHLBI/NIH
Panelist:	Paul Albert	NCI/NIH
	David L. DeMets	University of Wisconsin
	Hemant Ishwaran	University of Miami
	Xihong Lin	Harvard University
	Janet Wittes	Statistics Collaborative, Inc.

12:30pm **Adjourn**