8:30 - 9:00am  Registration & Breakfast

Session I - Opening Remarks and Introductions
9:00 - 9:20am  Rebecca Betensky
Professor of Biostatistics and Principal Investigator
Harvard T.H. Chan School of Public Health

Meredith Rosenthal
Associate Dean for Diversity and Professor of Health Economics and Policy
Harvard T.H. Chan School of Public Health

Xihong Lin
Henry Pickering Walcott Professor of Biostatistics and Chair of the Department
Harvard T.H. Chan School of Public Health

Session II – Keynote Speaker
9:20 - 10:20am  Climate Change: Expanding the Impact of Diversity Interventions in Higher Education
Sherilynn Black, Assistant Professor of the Practice in Medical Education, Director of the Office of Biomedical Graduate Diversity, and Co-Principal Investigator of the BioCoRE program, Duke University.

Session III – Summer Program Research Project Presentations
10:25 - 10:45am  Automated Phenotyping of Patient EMR Data: Feature Extraction and Selection
Rolando Acosta, University of Puerto Rico, Humacao ’16
William Artman, University of Rochester ’16
Cassandra Burdziak, Rutgers University ’16

Faculty Mentor: Tianxi Cai, Professor of Biostatistics
Harvard T.H. Chan School of Public Health
Graduate Mentor: Sheng Yu, Harvard T.H. Chan School of Public Health

10:50 - 11:10am  Differential Outcomes by SES in Children Undergoing Treatment for Acute Lymphoblastic Leukemia
Sergio Barrera, University of Arizona ’16
Randy Davila, University of California, Davis ’17
Emily Roberts, Coe College ’16

Faculty Mentor: Donna Neuberg, Senior Lecturer on Biostatistics, Dana-Farber Cancer Institute and Harvard T.H. Chan School of Public Health
Mentors: Traci Blonquist, MS Dana-Farber Cancer Institute
Graduate Mentor: Joey Antonelli, Harvard T.H. Chan School of Public Health
11:15 - 11:30am  Break & Refreshments

11:30 - 11:50am  The Effects of Environmental Factors and the BRCA Genetic Mutation on Ovarian Cancer Risk
Andrea Lane, University of North Carolina, Chapel Hill ‘16
Jennifer Osei, Cornell University ‘14
Nathalie Quiroz, Stony Brook University ‘15

Faculty Mentor: Eric Tchetgen Tchetgen, Professor of Biostatistics and Epidemiologic Methods, Harvard T.H. Chan School of Public Health
Graduate Mentor: Kathy Evans, Harvard T.H. Chan School of Public Health

11:55 - 12:15pm  The Effects of Probe Sequencing On Microarray Gene Expression Measurements
Kevin Kupiec, Lake Forest College ‘17
Randy Williams, Fordham University ‘15
Pedro Agrinsoni Munoz, University of Puerto Rico, Humacao ‘15

Faculty Mentor: Rafa Irizarry, Professor of Biostatistics, Dana-Farber Cancer Institute and Harvard T.H. Chan School of Public Health
Graduate Mentor: Ryan Sun, Harvard T.H. Chan School of Public Health

Session IV – Summer Program Alumni: Conversation Over Lunch
12:20 - 2:00pm  Journeys in Biostatistics After the Summer Program

Please take a moment to visit project posters of our recent alumni:

Gene Regulation by Histone Methyltransferases in S.Cervisiae
Grace Choi, University of Maryland, Baltimore County ‘16

Development of Computational Tools to Enable Data Driven Research, with a Focus on Visualization and Exploration of Genomics and Epigenomics Data
Jake Conway, University of Massachusetts, Lowell ‘16

A Comparison of Prominent Models to Predict the Malignancy of Solitary Pulmonary Nodules
Lilyana Gross, California State University, Monterey Bay ‘15
SPQS Annual Symposium

Thursday, July 23rd
Dana-Farber Cancer Institute - Smith Building, Room 308/309

Session V – Pipelines, Mentoring, and Strategies
2:00 - 3:00pm  Advocating for Diversity from a Personal & Professional Perspective
Minerva Cordero, Associate Dean and Professor of Mathematics,
University of Texas at Arlington

Session VI – Post-Baccalaureate Research Project Presentations
3:00 - 3:20pm  Contrasting Breast Cancer Subtypes by Analyzing Differences in Network Structure
Kamrine Poels, Post-baccalaureate Program Participant

Faculty Mentor: John Quackenbush, Professor of Computational Biology and
Bioinformatics, DFCI & Harvard T.H. Chan School of Public Health

3:25 - 3:45pm  The Sexual Network of HIV in Botswana
Felicia Gibson, Post-baccalaureate Program Participant

Faculty Mentor: Victor DeGruttola, Professor of Biostatistics
Harvard T.H. Chan School of Public Health

3:45 - 4:00pm  Closing Remarks
Rebecca Betensky
Professor of Biostatistics and Principal Investigator
Harvard T.H. Chan School of Public Health