The Georgia Chapter of the American Statistical Association
and
The American Statistical Association Council of Chapters
Present

THE ASA COUNCIL OF CHAPTERS TRAVELING COURSE

An Introduction to the Analysis of Incomplete Data

Taught by

Professor Ofer Harel, University of Connecticut

Date/Time: Saturday, March 24, 2018, One-day Course 8:30am to 5:00pm
Location: Georgia Institute of Technology, 755 Ferst Drive NW, Atlanta, GA 30332-0205
Industrial and Systems Engineering (ISyE) Main Building, Room #228

To register & pay by credit card: visit website https://www.123signup.com/register?id=hbfpd
More information can be found
https://s01.123signup.com/eventDescription;jsessionid=6994034B7A9B44A01E25BF06A11B2BE0?Parameters=15371241911432723300&isPop=true
Deadline to register: Saturday, March 24, 2018 (and register by March 18, 2018 to guarantee lunch)
Price: $25 for undergraduate, $50 for graduate, $150 for ASA members, and $200 for nonmembers.
Fee includes lunch, drinks, and course notes.

Parking: The closest parking lot for visitors is "Area 3" visitor parking at Georgia Tech. The parking fee for the entire day will be $15, to be paid as your exit the visitor lot. Registrants with GT student and faculty parking permits proceed to park for free in lots "W02" or "W03" that are adjacent to the visitor parking lot (they are often ungated over the weekend. Own-risk to non-GT-permit-visitors). See the ISyE homepage for directions and parking information: https://www.isye.gatech.edu/about/maps-directions

About the Instructor: Ofer Harel, Ph.D. is a professor in the Department of Statistics, the Center for Public Health and Health Policy (CPHHP) and a FORMER Principal investigator (PI) at the Institute for Collaboration on Health, Intervention, and Policy (InCHIP) at the University of Connecticut. Through his career Dr. Harel developed his methodological expertise in the areas of missing data techniques, diagnostic tests, longitudinal studies, Bayesian methods, sampling techniques, mixture models, latent class analysis and statistical consulting. Dr. Harel was part of numerous federal grants as principle investigator (PI), Co-PI and Biostatistician. He is an associate editor for *Statistics in Medicine*, *Sankhya, the Indian Journal of Statistics, Series B* and on the editorial board of *AIDS and Behavior* and *The Open Medical Informatics* Journal. Through his work, Dr. Harel has been involved with a variety of research fields including, but not limited to single-cell genomics, HIV prevention, Alzheimer's, cancer, diabetes, and alcohol and drug abuse prevention.

Course Overview: Missing data is a common complication in applied research. Although most practitioners are still ignoring the missing data problem, numerous books and research articles demonstrate that dealing with it correctly is very important. Biased results and inefficient estimates are just some of the risks of incorrectly dealing with incomplete data. In this course, we will introduce incomplete data vocabulary and present problems and solutions to the missing data issue. We will emphasize practical implementation of the proposed strategies including discussion of software to implement procedures for incomplete data.