

CTSA cores conduct year-long Statistical Workshop Series

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The Department of Biostatistics provides academic and practical training opportunities including mentored data analysis.

The CTSA Workforce Development (WFD) and Biostatistics, Epidemiology and Research Design (BERD) cores are presenting a series of workshops on statistical topics scheduled throughout the academic year. The emphasis will be on statistical methods relevant to translational and clinical research, says Gregory E. Wilding, PhD, BERD core director.

Topics presented in the Statistical Workshop Series will cover three of the [14 core competency areas](#) offered by the CTSA WFD core, according to Maragarita Dubocovich, PhD, WFD core director. Experts from the School of Public Health and Health Professions will cover study design, sources of error and statistical approaches.

The Statistical Workshop Series is presented by the Department of Biostatistics and Department of Epidemiology and Environmental Health, School of Public Health and Health Professions (SPHHP). Attendees will learn the basics of statistical software, application of modelling techniques to data, and the study planning methods required by funding agencies. Each of the workshops is a self-contained module. They are free of charge, with priority given to faculty, post-docs and graduate students at UB and others in the Buffalo Translational Consortium.

Specific locations and registration details for individual sessions will be provided two weeks in advance of each seminar.

Wednesdays, 6 p.m., South Campus, UB.

Date	Title	Instructor
9/7/16	Introduction to SAS: Part 1	Terry Mashtare, PhD, Research Assistant Professor, SPHHP
9/28/16	Introduction to SAS: Part 2	Terry Mashtare, PhD
10/19/16	Statistical comparison of groups	Terry Mashtare, PhD
11/9/16	Sample size and power calculations	Gregory Wilding, PhD Professor, SPHHP
11/30/16	Survival analysis	Jiwei Zhao, PhD, Assistant Professor,

SPHHP		
12/14/16	Longitudinal modelling	Gregory E. Wilding, PhD
2/1/17	Randomized clinical trial design	Gregory E. Wilding, PhD
2/22/17	Prospective and retrospective cohort studies	Michael LaMonte, PhD, Research Associate Professor, SPHHP
3/15/17	Ecologic and case-control studies	Michael J. LaMonte, PhD
4/5/17	Statistical strategies for missing data	Jiwei Zhao, PhD
4/26/17	Strategies for error and false discovery rate control: an introduction for non-statisticians	Daniel P. Gaile, PhD, Assistant Professor, SPHHP
5/17/17	Designing and powering studies involving a high-throughput screen followed by low-throughput validation: select case studies	Daniel P. Gaile, Ph.D.

Contact BERD Core Director Gregory E. Wilding, PhD, at gwilding@buffalo.edu, or CTSA Education Workforce Specialist Meher Singh, MPH, at mksingh2@buffalo.edu or 716-829-4718.

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