



American Statistical Association Kansas-Western Missouri Chapter

The Kansas-Western Missouri Chapter of ASA and the University of Kansas Medical Center, Department of Biostatistics are co-sponsoring a short Course on October 29, 2015. This short course is open to anyone with an interest in Clinical Trials.

Title: *Introduction to Clinical Trials*

Presenter: Susanne May, Ph.D.

Date: October 29, 2015, 9:00 am to 5:00 pm

Location: University of Kansas, Edwards Campus (BEST 120)
12600 Quivira Rd., Overland Park, KS 66213

Registration Fee: \$100 for ASA members, \$50 for students, \$150 for non-ASA members

Boxed lunch included in registration, limited number of vegetarian options available

Summary

Primary Design Issues

- Introduction / Background
- Screening Studies
- Fundamentals of Trial Design
- Statistical Tasks in Trial Design

Conduct and Implementation

- Randomization strategies
- Blinding
- Handling of missing data
- Conduct and monitoring of the study
- Reporting of result

The course does not assume prior knowledge of clinical trial design or analysis, but familiarity with basic statistical concepts and study designs is assumed. Mathematical details are kept to a minimum. Approaches, challenges and issues will be illustrated with examples.

Objectives

After this short course you should be able to

- Critique some of the aspects of the design, conduct and analysis of a randomized clinical trial
- Design the fundamental characteristics of a clinical trial to address an important scientific problem
- Understand the challenges related to selected topics regarding the conduct and implementation of a clinical trial

Biographical Sketch

Dr. May is Associate Professor of Biostatistics at the University of Washington, Seattle. She has twenty years of experience in providing statistical support for research projects. She has taught on the subjects of introductory statistics, survival analysis and clinical trials. She is the principal investigator of a large data coordinating center for a multisite North American Resuscitation Outcomes Consortium.

Online registration is available is open:

<https://www.123signup.com/register?id=pmhbr>

For more information, please contact John Keighley at jkeighle@kumc.edu