



Biostatistics for Health Care Researchers: *A Short Course*

Tuesday, Wednesday, and Thursday
November 10, 11, and 12, 2009

Health Information and
Translational Science Building
410 W. 10th Street, HS 1110



*Department of Medicine
Division of Biostatistics*

COURSE DESCRIPTION

The Division of Biostatistics in the Department of Medicine will present a short course in biostatistics that is designed especially for health care researchers in the health sciences. This course will consist of three sessions. Sessions I and II will cover basic principles, design of medical research studies, standard statistical tests and data analyses, and data management. Session III will focus on more advanced topics, including multiple linear and logistic regression, survival analysis, longitudinal data and genetic analysis. Registrants may choose to attend Sessions I and II, II and III or I, II and III.

COURSE OBJECTIVES

At the conclusion of this program, participants should be able to:

- Recognize and understand statistical methods commonly seen in medical literature;
- Recognize common study designs used in medical research;
- Communicate with statisticians on complex study design and analysis;
- Understand basic concepts of data management;
- Identify appropriate use of statistical procedures when given a common study design; and
- Perform simple statistical analyses under the guidance of a statistician.

ACCREDITATION STATEMENT

The Indiana University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

DESIGNATION STATEMENT

The Indiana University School of Medicine designates this educational activity for a maximum of 10.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NOTE

While it offers CME credit hours, this activity is not intended to

provide extensive training or certification activity.

FACULTY DISCLOSURE STATEMENT

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support, educational programs sponsored by Indiana University School of Medicine (IUSM) must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in an IUSM-sponsored activity are required to disclose any **relevant financial interest or other relationship** with the manufacturer(s) of any commercial product (s) and/or provider(s) of commercial services that are discussed in an educational activity.

COMMERCIAL SUPPORT

This CME activity does not have any commercial support.

LOCATION

The short course will be held at the Health Information and Translational Science Building (HITS), 410 West 10th Street, HS 1110 on the Indiana University Purdue University Indianapolis campus. It is recommended that you park at an IUPUI parking lot and walk or take the People Mover (exit at the Clarian Canal Station) to get to the building. A campus map with the location of the building can be found at http://www.iupui.edu/maps/campusmap_full.pdf. The closest IUPUI parking lots are next to the ETC Building on 10th street (labeled TK on campus map) and at the Gethsemane Church on Martin Luther King Blvd., just south of 10th Street.

FURTHER INFORMATION

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For other CME offerings, please visit the CME website at <http://cme.medicine.iu.edu>.

