



# Medical College of Georgia

GEORGIA'S HEALTH SCIENCES UNIVERSITY

## The Department of Biostatistics School of Graduate Studies

is pleased to announce two new academic programs:

### The Master of Clinical and Translational Science and The Certificate in Clinical and Translational Science

*“Translating basic discoveries into improved healthcare”*

#### **Program Overview**

A specially-designed knowledge and skills building curriculum has been created to provide advanced training in Clinical and Translational Science (CTS) at MCG. The primary objective of this program is to enable health professionals to perform Clinical and Translational Research. The program is intended primarily for MCG faculty members, but clinical fellows and senior residents are also encouraged to apply.

#### **Program Description**

The CTS curriculum includes didactic instruction in the core areas of biostatistics, epidemiology, and clinical research design; a mentored research project; and seminars on recent advances in clinical and translational science. Two training options are available:

**Certificate in Clinical and Translational Science (CCTS)**. Consists of 20 credit hours and can be completed in 1 year. Trainees are required to complete a mentored research project that is expected to culminate in a manuscript suitable for submission to a scientific journal.

**Master of Clinical and Translational Science (MCTS)**. Consists of the CCTS curriculum plus 16 additional credit hours. The MCTS can be completed in 2 years. Trainees are required to complete a mentored research project that is expected to culminate in a grant proposal suitable for submission to a funding agency.

An oral presentation of the mentored research project is required for both programs. Both CTS programs can be completed on a part-time basis

(enrollment in no more than 8 credit hours per semester), beginning each summer. The cost of either the CCTS or MCTS is anticipated to be completely covered under the Tuition Assistance Program (TAP) for eligible full-time employees who have been with MCG for 6 months or longer.

#### **Program Objectives**

Graduates completing either program should be able to perform each of the following tasks:

- Effectively utilize human subjects in clinical trials
- Carry out basic analyses of clinical research data
- Apply basic epidemiologic principles and tools in clinical research
- Consider relevant ethical and legal issues when designing and conducting clinical research
- Prepare research manuscripts for publication in research journals
- Prepare competitive grant proposals for extramural research funding

#### **Application Process**

Application materials are available upon request. Letters of support from the applicant's research mentor and immediate supervisor are required. Applications will be considered on a space-available basis until Feb. 1 of each year.

#### **Program Co-Directors:**

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[www.mcg.edu/research/biostat/CTS.html](http://www.mcg.edu/research/biostat/CTS.html)

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