Medical Scientist Training Program

**Director**
- Gordon F. Buchanan (Neurology)

**Administrative Director**
- Linda M. Varvel

**Faculty:** https://medicine.uiowa.edu/mstp/directories/current-mentors

**Website:** https://medicine.uiowa.edu/mstp/

## Courses

### Medical Scientist Training Program Courses

**MSTP:8511 Medical Scientist Training Program Research**

Research experience. Requirements: Medical Scientist Training Program enrollment.

**MSTP:8512 Medical Scientist Training Program Clinical Connections**

Experience with physician-scientist preceptor in medical interviewing, physical examination, patient presentation through direct patient interaction. Requirements: Medical Scientist Training Program graduate phase enrollment.

**MSTP:8513 Sitting in the Middle: Physician Scientist 101**

1 s.h.

Physician scientists have a unique role in the processes of medical research and patient care. Students study a variety of topics crucial to becoming an effective physician scientist, including critical interpretation of medical literature, time management, imposter syndrome, data presentation, and interactions with patients.

**MSTP:8514 Grant Writing Basics: A Focus on Predoctoral Applications**

1 s.h.

Introduction to practical and conceptual aspects of grant-writing process, with the goal of completing an NIH F30-like grant; encourages critical thinking about significance, innovation, and experimental design; relate critical information and study design in concise and clear language; practical concepts of grant writing such as specific aims, experimental design, and the grant review process; trainees will present their research ideas, establishing opportunities to give and receive scientific criticism. Requirements: Medical Scientist Training Program enrollment.

**MSTP:8515 Medical Scientist Training Program Topics**

1 s.h.

Workshops and speakers; focus on a variety of topics including wellness, research presentations, professional development, and on-going faculty research partnerships. Requirements: Medical Scientist Training Program enrollment.