Medical Scientist Training Program

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

**Administrative Director**
- Linda M. Varvel

**Faculty:** [https://medicine.uiowa.edu/mstp/directories/current-mentors](https://medicine.uiowa.edu/mstp/directories/current-mentors)

**Website:** [https://medicine.uiowa.edu/mstp/](https://medicine.uiowa.edu/mstp/)

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**Courses**

**Medical Scientist Training Program Courses**

**MSTP:8511 Medical Scientist Training Program Research**
- 1 s.h.
  - Research experience.
  - Requirements: Medical Scientist Training Program enrollment.

**MSTP:8512 Medical Scientist Training Program Clinical Connections**
- 1 s.h.
  - 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.