# Education Overview

**Alison Whelan, M.D.**  
Professor of Medicine  
Senior Associate Dean for Education

## Programs/Student Enrollment

- **Student program enrollment:**
  - M.D. 409*  
  - MD/PhD (MSTP) 194  
  - PhD (DBBS) 461  
  - Audiology & Communication Sciences 72  
  - Clinical Investigation 104  
  - Genetic Epidemiology 29  
  - Occupational Therapy 274  
  - Physical Therapy 274  
  - Population Health Sciences 13

- **Fellows & Trainees** 883
- **Housestaff** 1,110

*estimate
Program in Occupational Therapy

- Master of science in occupational therapy (MSOT)
- Doctoral degree in occupational therapy (OTD)
- Post-professional doctoral degree in occupational therapy (PPOTD)
- PhD in rehabilitation and participation science

Program Director:
Carolyn Baum, Ph.D.

Program in Physical Therapy

- Doctor of Physical Therapy (DPT): The professional clinical doctorate degree.
- PhD in Movement Science: interdisciplinary program that prepares students as researchers and educators.
- Post Doctoral Fellowship in Movement Science: for those wishing to pursue research projects related to movement science and rehabilitation.

Program Director:
Susan Deusinger, Ph.D.*

* Search underway
Program in Audiology and Communication Sciences (PACS)

- **Doctor of Audiology (AuD):** prepares students as clinical audiologists.
- **Master of Science in Deaf Education (MSDE):** prepares students as teachers of the deaf and hard of hearing.
- **Doctor of Philosophy (PhD):** prepares students for academic and research careers in speech and hearing sciences.

*Program Director: William Clark, Ph.D.*

Ph.D. Program: Division of Biology and Biomedical Sciences (DBBS)

- University's Graduate School of Arts and Sciences
- Interdisciplinary graduate education programs
- Administrative unit for PhD and MSTP programs
- Membership

*Associate Dean for Graduate Education: John Russell, PhD*
Ph.D. Programs

• Biochemistry
• Computational Biology
• Developmental Biology
• Evolution
• Ecology and Population Biology
• Immunology
• Quantitative Human and Statistical Genetics
• Molecular Biophysics
• Molecular Cell Biology
• Molecular Genetics
• Molec. Micro. and Microbial Pathogenesis
• Neurosciences
• Plant Biology

Medical Education

• Undergraduate Medical Education (UME)
  – Curriculum: Michael Awad, MD, PhD
  – Student Affairs: Lisa Moscoso, MD, PhD
  – Admissions: Ed Dodson, MD *
  – Diversity: Will Ross, MD, MPH

• Graduate Medical Education (GME)
  – Departmental
  – GMEC: Becky McAlister, MD

• Continuing Medical Education (CME)
  – Doug Hanto, MD, PhD

* Search underway
Medical Student Program

• Entering medical students, Class of 2017:
  – 122 students:
    ❖ 17 MSTPs
    ❖ 62 women
    ❖ 15 Underrepresented minority students*

• Curriculum

Faculty Teaching Opportunities
Medical Student Education

• Courses
  – Lectures, small groups, clinical preceptors
  – Contact: respective course master

• First-year Selectives
  – 10-hour small-group mini-courses in first-year
  – Contact: Dr. Michael Awad

• Fourth-year rotations
  – Clinical, Research, special study
  – Contact: Randi Hantak, Curriculum Office
Medical Student Advising

- Mentoring
  - First- and second-year small groups
- Clinical advisors (third year)
- The Medical Societies (Cori, Erlanger-Graham, Lowry-Moore)

- Contact: Office of Student Affairs

Why you should teach

1. This is a medical school – it’s part of the job!
2. You can feel like an expert.
4. Keeps you connected.
5. Recruit students to your specialty, your career path.
6. It’s fun!
7. Reminds you to stop and think about all you do!
8. Educational activities are valued in promotion considerations.
9. Recruit students to your lab or research project.
10. You can make a difference.
Educational Resources
WUMS Masters Programs

• Master of Science in Biostatistics (MSBIS)
  Dr. D.C. Rao
  – Concentration in genetic epidemiology

• Master of Science in Clinical Investigation (MSCI)
  Dr. Dave Warren
  – Concentration in genetics/genomics or translational medicine

• Master of Population Health Sciences (MPHS)
  Dr. Dr. Graham Colditz
  – Concentration in clinical outcomes research; applying research findings to improving clinical effectiveness

Educational Resources, contd.

• Medical teaching information (monthly e-update)

• Courses/workshops
  – University College
  – WUMS courses
     Within degree granting programs
     Clinical Research Training Center
      – [http://crtc.wustl.edu](http://crtc.wustl.edu)
      – [http://icts.wustl.edu](http://icts.wustl.edu)
Educational Resources, *contd.*

- Career development: Office of Faculty Affairs
- Other faculty workshops in education:
  - Bi-monthly teaching skills workshops for clinicians and non-clinicians open to all WUSM faculty
  - Medical Education Research (MERC) workshops

The Farrell Learning and Teaching Center