Office of Graduate Scholars

- SoM Associate Dean of Graduate Scholars
  - Robert J. Pauley, Ph.D. rpauley@med.wayne.edu
- www.med.wayne.edu
  - Follow the link to the Graduate Programs page
- Email us: gradprog@med.wayne.edu

- By Phone: 313-577-1455

- By Mail:
  Office of Graduate Scholars
  Suite 1128
  Wayne State University School of Medicine
  540 E. Canfield Ave.
  Detroit, MI 48201
Wayne State University

- Carnegie Foundation rank: “RU/VH: Research University – Very High Research Activity”
  - CompDoc/Med: Comprehensive doctoral with medical.
PhD (10):  
- Anatomy and Cell Biology  
  • Department of  
- Biochemistry and Molecular Biology  
  • Department of  
- Cancer Biology  
  • Grad Program-Dept of Oncology  
- Immunology and Microbiology  
  • Department of  
- Medical Physics  
  • Grad Program-Depts Radiation Oncology and Radiology  
- Molecular Biology & Genetics  
  • Grad Program-Center Molecular Medicine & Human Genetics  
- Pathology  
  • Department of  
- Pharmacology  
  • Department of  
- Physiology  
  • Department of  
- Translational Neuroscience  
  • Grad Program-Dept of Psychiatry & Behav Neurosci
MD/PhD Program:
• 2004 to date; ≈ 4/yr; ≈ 28 enrolled.
• 7-8 years to complete program, awarded dual MD/PhD.

• Integrated Program:
  • State-of-the-art basic science training, translational research, and clinical medicine.
  • Integrated over time:
    • M1, M2 + pre-dissertation rotations (June/July).
    • G1, G2, G3 + clinical experiences (weekly).
    • M3, M4.
  • PhD in discipline of dissertation program, listed above.
MS (6):

- **Master in Public Health**
  - Department of Family Medicine & Public Health
- **Genetic Counseling**
  - Center for Molecular Medicine & Human Genetics
- **Radiologic Physics**
  - Departments of Radiation Oncology & Radiology
- **Psychiatry**
  - Department Psychiatry & Behavioral Neuroscience
- **Biomedical Sciences**
  - SoM Office of Graduate Scholars
- **Medical Research**
  - SoM Office of Graduate Scholars
WSU Graduate School: Graduate Faculty Appointments

• **Regular Graduate Faculty:** Appointment qualifies for:
  – Dissertation Mentor & Chair of Dissertation Committee of a PhD candidate.
  – Dissertation Committee member.
  – MS thesis advisor.
  – MS thesis committee member.

• **Regular (full) Graduate Faculty:** Criteria for appointment.
  – PhD (or equivalent terminal) degree in field/discipline
  – Full or fractional WSU appointment in the degree granting department (ACB, BMB, IMM, CMMG, ONC, P&BN, PHC, PSL, PTH, R/RO).
  – Documented (CV, WSU-format) scholarly achievement within last four years (e.g. peer-reviewed publications, competitive external funding).
  – For renewal, evidence required of involvement in graduate education within last five years (graduate teaching, dissertation and/or thesis committees).
SoM OfGS ‘Graduate Faculty’ Appointments

• **Associate Graduate Faculty: Requires & Qualifies:**
  – PhD (or equivalent terminal) degree in field/discipline
  – WSU appointment in degree awarding unit.
  – Evidence of research and scholarly achievement suitable for serving as a dissertation or thesis committee member.
  – Dissertation Committee Member, exclusive of Chair/Mentor.
  – Thesis Committee Member, including Chair/Advisor.

• **Adjunct Graduate Faculty: Requires & Qualifies:**
  – PhD (or equivalent terminal) degree in field/discipline
  – WSU contractual appointment not required in degree awarding unit.
  – Evidence of research and scholarly achievement suitable for serving as a dissertation or thesis committee member.
  – Dissertation Committee Member, exclusive of Chair/Mentor.
  – Thesis Committee Member, including Co-Chair/Co-Advisor.
SoM Graduate Students

• Applicants:
  – ≈ 300 PhD track.
  – ≈ 400 Masters-track.

• Enrolled graduate students:
  – ≈ 180 PhD-track.
  – ≈ 220 Masters-track.
WSU PhD Degree Requirements

• Credits required:
  • 60 course (e.g. lectures, seminars, journal clubs, & research rotations, pre-dissertation research, etc.) credits
  • 30 dissertation research credits

• Plan of Work; Courses & terms.

• Qualifying Examinations.

• Dissertation Research:
  – Choose a Dissertation Mentor; ideally by end 1st yr.
  – Dissertation Prospectus; ideally by end 2nd yr.
  – Dissertation Research.
  – Dissertation Defense/Public Lecture; ‘03’04-date mean 4 years 9 months to SoM PhD degree.
PhD Student Support

- **WSU & Graduate School:**
  - Graduate Research Assistantships: SoM Competitive, limited to newly matriculating SoM PhD students (≈ 21/yr).
  - Rumble Fellowships to SoM Dept/Prog (≈ 18/yr)
  - WSU-wide Competitive Fellowships to individual newly matriculating WSU PhD students
    - Dean’s Diversity Fellowships.
  - WSU-wide Competitive GRAs to individual faculty for ongoing PhD students.
- **Provide:**
  - Stipends: SoM supplements to ≈$21,000/yr.
  - Tuition (≈ 22 cr/yr) + subsidized Insurances
  - Total value ≈ $39,000 annually.

- **Externally-funded training grants and individual fellowships.**
Co-Curricular Activities

• Graduate Student Research Day
  – 2011, September 29th, about 70 presentations, awards poster and platform presentations, external speaker.

• SoM newly matriculating PhD student curriculum: IBS/Interdisciplinary Biomedical Science curriculum; 14 credits.
Career Placement

Over 385 PhD Graduates since 1998

- >85% go on to postdoctoral positions in:
  - Universities
  - Government (NIH)
  - Industry/Biotech

- Remainder continue at professional schools (medicine, law) or go directly into non-research teaching jobs

- >20% hold faculty positions
Office of Graduate and Postdoctoral Scholars

• On the Web at:
  – [www.med.wayne.edu](http://www.med.wayne.edu)
    • Follow the link to the Graduate Programs page

• Email us: [gradprog@med.wayne.edu](mailto:gradprog@med.wayne.edu)

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MD/PhD Program

Program Mission:

• Attract the best and brightest
• Provide outstanding physician-scientist training
• Progress to a NIH funded MSTP training grant; 2011 graduation will have 1st of “programs” students graduate.
• Seed local and national residency and fellowship programs with our graduates
• Attract fully trained graduates back to our faculty
MD/PhD Program

Fall 2008

- 65 applicants
- 17 interviews
- 4 offers
- 3 acceptances
  - 1 female, 2 male
  - GPA range: 3.6 – 3.9
  - MCAT range: 11.0 – 12.0
MD/PhD Support

- Annual stipend (SoM supplements to): $27,500 (for 2010/2011)
- Four medical tuition scholarships each year ($ \geq $100,000)
- Graduate years:
  - First:
    - GRA (with graduate tuition + insurances) with partial graduate tuition.
    - Fellowship writing course with dissertation mentor, and December submission.
  - Second and subsequent; About 70% have gained external funding relieving mentor of support obligation, e.g.:
    - Fellowships: NIH F30, AHA, etc.
    - Training grants: NIH.