New Faculty Orientation
August 2013

Welcome to
Washington University Medical Center
Overview of Washington University

- Independent research university
- Total enrollment: 14,068
  - Full and part-time undergraduate students: 7,301
  - Graduate and professional programs: 6,767
  - Summer school: 3,593
- Undergraduate Tuition: $44,100 (2013-2014)
- Medical School Tuition: $54,050.00 (2013-2014)
- 1,965 Full –time and adjunct medical school faculty
- 6,740 Non-academic medical school staff

Washington University Academic Schools

- Arts & Sciences
  - Graduate School and University College
- Olin School of Business
- Sam Fox School of Design & Visual Arts
  - College of Architecture
  - Graduate School of Architecture & Urban Design
  - College of Art
  - Graduate School of Art
- School of Engineering & Applied Science
- School of Law
- School of Medicine
- George Warren Brown School of Social Work
School of Medicine Contribution to Washington University

• Full-time faculty as of June 30, 2013:
  – Washington University 3,449
  – School of Medicine 1,845

• June 30, 2012 Total Revenue:
  – Washington University $2.3 Billion
  – School of Medicine $1.6 Billion

WUSM is in the top tier in the country in each of its mission areas:

- **Education**: US News and World Report ranks WUSM sixth overall and first in student selectivity
- **Clinical**: In the top five academic clinical practices in terms of size in the United States
- **Research**: WUSM received $375M for research and training from NIH in FY12. WUSM ranks 4th among medical schools competing for NIH funding.
WUSM – 11 Departments Ranking in Top 10 for NIH Funding

<table>
<thead>
<tr>
<th>Department</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orthopaedics</td>
<td>#2</td>
</tr>
<tr>
<td>Pathology</td>
<td>#8</td>
</tr>
<tr>
<td>Anesthesiology</td>
<td>#2</td>
</tr>
<tr>
<td>Radiology</td>
<td>#3</td>
</tr>
<tr>
<td>Genetics</td>
<td>#2</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>#4</td>
</tr>
<tr>
<td>Anatomy &amp; Neurobiology</td>
<td>#4</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>#8</td>
</tr>
<tr>
<td>Surgery</td>
<td>#3</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>#9</td>
</tr>
<tr>
<td>Neurology</td>
<td>#5</td>
</tr>
</tbody>
</table>

WUSM is at the forefront

- 17 Nobel laureates associated with WUSM
- 13 faculty members are fellows of the prestigious National Academy of Sciences
- 20 faculty members belong to the Institute of Medicine
- 4 faculty members are HHMI investigators
- 97 faculty members hold individual career development awards from the NIH
The Washington Manual of Medical Therapeutics is the most widely sold medical textbook in the world.

FY12 WUSM Faculty and Staff as of 6/30/13

Faculty:
- Full-time faculty: 1,845
- Part-time faculty: 120

Staff:
- Full-time: 6,345
- Part-time: 395

Total faculty and staff: 8,705
Affiliated Organizations

Washington University in St. Louis

Barnes Jewish Hospital

Children's Hospital

BJC HealthCare

Affiliated Organizations

• In 1993 Barnes and Jewish Hospitals joined with Christian Health Services to form the BJC Health System, (now BJC HealthCare, Inc.)

• First health care system in the nation to integrate academically based hospitals and community hospitals serving a broad urban, suburban and rural area
**Affiliated Organizations**

- In 1996, Barnes and Jewish Hospitals merged to create an integrated medical staff, streamlined operations, and a single board and management team.
- WUSM, BJH and SLCH make up the premier academic medical center in the region.

**BJC HealthCare**

- 13 hospitals in urban, suburban and rural communities
- 149,797 hospital admissions (FY 12)
- 500,056 ER visits (FY 12)
- 220,099 home health visits (FY 12)
- 27,966 employees (FY 12)
- 4,422 physicians with admitting privileges
- 4,130 licensed beds
- 3,479 staffed beds
Barnes-Jewish Hospital

• Largest hospital in Missouri

• Ranked among an elite group of the nation’s best academic hospitals on the *U.S. News & World Report Honor Roll* since 1993

• Medical staff is composed exclusively of WUSM full-time and voluntary faculty physicians

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Barnes-Jewish Hospital

• Statistics for the year ending 12/31/12:

  – 1,288 licensed beds (1,315 in 2013)
  – 1,190 staffed beds (including 27 neonatal)
  – 56,379 inpatient admissions
  – 941,849 outpatient registrations
  – 86,490 emergency department visits
St. Louis Children’s Hospital

- Ranked among the best children’s hospitals in the country by *US News and World Report* and *Child* magazines
- Staffed exclusively by WUSM faculty physicians
- Home of the world’s largest pediatric lung transplant program

BJ West County Hospital

- 84 bed facility
- Unique model of both community and academic physicians
- 172 adult and pediatric faculty
- Investments made for 64-slice CT scanner, new cardiac monitoring unit, additional location for Siteman Cancer Center with more treatment space and a linear accelerator for advanced radiation treatment
• Accelerate the development of basic science discoveries into new and improved patient treatments

• Encourage and support collaboration between researchers from multiple scientific disciplines

• Translational

• Interdisciplinary

• Center for Genome Sciences

• Center for Biological Imaging

• Institute of Clinical and Translational Sciences

• Interdisciplinary Research Centers
Interdisciplinary Research Centers

- The BRIGHT Institute (Bridging Research with Imaging, Genomics and High-Throughput)
- Center for the Investigation of Membrane Excitability Disorders (CIMED)
- Center for Women’s Infectious Disease Research (cWIDR)
- Hope Center Program on Protein Folding and Neurodegeneration
- Center for Interdisciplinary Studies of Diabetic Cardiovascular Disease
- Center for the Study of Itch
- Center for Genome Sciences
Residencies and Fellowships

• There are 85 ACGME-accredited training programs in the Washington University/Barnes-Jewish Hospital/St. Louis Children’s Hospital Graduate Medical Education Consortium

Residents

• The largest areas include:
  – Internal Medicine 138
  – Pediatrics 99
  – Anesthesiology 71
  – Radiology 70
  – Surgery 57
• Total House Staff * 1,087

*Includes residents & fellows
## Student Selectivity

<table>
<thead>
<tr>
<th>Year</th>
<th>Mean MCAT</th>
<th>Mean GPA</th>
<th>Student Selectivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>36.9</td>
<td>3.87</td>
<td>1</td>
</tr>
<tr>
<td>2011</td>
<td>37.2</td>
<td>3.85</td>
<td>1</td>
</tr>
<tr>
<td>2010</td>
<td>37.5</td>
<td>3.86</td>
<td>1</td>
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<tr>
<td>2009</td>
<td>37.1</td>
<td>3.86</td>
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<td>2008</td>
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<td>1</td>
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<tr>
<td>2007</td>
<td>37.5</td>
<td>3.88</td>
<td>1</td>
</tr>
<tr>
<td>2006</td>
<td>36.6</td>
<td>3.84</td>
<td>1</td>
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<tr>
<td>2005</td>
<td>37.0</td>
<td>3.85</td>
<td>1</td>
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<tr>
<td>2004</td>
<td>36.7</td>
<td>3.86</td>
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<td>2003</td>
<td>36.5</td>
<td>3.82</td>
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<td>2002</td>
<td>36.5</td>
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<tr>
<td>2001</td>
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<tr>
<td>2000</td>
<td>36.0</td>
<td>3.81</td>
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Programs/Student Enrollment 2012-2013

<table>
<thead>
<tr>
<th>Program</th>
<th>2013</th>
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<tbody>
<tr>
<td>MD</td>
<td>398</td>
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<tr>
<td>MD/PhD (MSTP)</td>
<td>194</td>
</tr>
<tr>
<td>MA/MD</td>
<td>6</td>
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<tr>
<td>Audiology &amp; Communication Sciences</td>
<td>72</td>
</tr>
<tr>
<td>Clinical Investigation</td>
<td>104</td>
</tr>
<tr>
<td>Biostatistics and Genetic Epidemiology</td>
<td>29</td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>274</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>274</td>
</tr>
<tr>
<td>Population Health Sciences</td>
<td>13</td>
</tr>
<tr>
<td>PhD (DBBS)</td>
<td>461</td>
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<tr>
<td>Graduate Medical Education</td>
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<tr>
<td><strong>Total Students</strong></td>
<td><strong>1825 + GME</strong></td>
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Physical Therapy Program Data

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<tr>
<th></th>
<th>2012-2013</th>
<th>2011-2012</th>
<th>2010-2011</th>
<th>2009-2010</th>
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<tbody>
<tr>
<td>Number of applicants</td>
<td>406</td>
<td>415</td>
<td>622</td>
<td>475</td>
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<tr>
<td>Number of admission offers</td>
<td>171</td>
<td>183</td>
<td>221</td>
<td>194</td>
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<tr>
<td>Number of matriculated/yield</td>
<td>81</td>
<td>83</td>
<td>83</td>
<td>81</td>
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<tr>
<td>Average GPA</td>
<td>3.58</td>
<td>3.62</td>
<td>3.59</td>
<td>3.48</td>
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<tr>
<td>Average GRE Quantitative</td>
<td>154</td>
<td>154</td>
<td>154</td>
<td>154</td>
</tr>
<tr>
<td>Average GRE Verbal</td>
<td>4.0</td>
<td>4.2</td>
<td>4.3</td>
<td>4.2</td>
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<tr>
<td>Average GRE Analytical Writing</td>
<td>4.0</td>
<td>4.2</td>
<td>4.3</td>
<td>4.2</td>
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</table>

* GRE changed their rating system in 2012
## Occupational Therapy Program Data

<table>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of applicants</td>
<td>457</td>
<td>427</td>
<td>361</td>
<td>193</td>
<td>150</td>
</tr>
<tr>
<td>Number of admission offers</td>
<td>158</td>
<td>186</td>
<td>149</td>
<td>142</td>
<td>117</td>
</tr>
<tr>
<td>Number of matriculated/yield</td>
<td>84</td>
<td>85</td>
<td>84</td>
<td>92</td>
<td>76</td>
</tr>
<tr>
<td>Average GPA</td>
<td>3.63</td>
<td>3.75</td>
<td>3.58</td>
<td>3.47</td>
<td>3.52</td>
</tr>
<tr>
<td>Average GRE Verbal</td>
<td>528</td>
<td>516</td>
<td>500</td>
<td>469</td>
<td>483</td>
</tr>
<tr>
<td>Average GRE Quantitative</td>
<td>652</td>
<td>639</td>
<td>596</td>
<td>554</td>
<td>583</td>
</tr>
<tr>
<td>Selectivity %</td>
<td>35%</td>
<td>44%</td>
<td>41%</td>
<td>74%</td>
<td>78%</td>
</tr>
</tbody>
</table>
Vision

The vision for public health at Washington University is to improve community and international health through the creation of new knowledge, the application and translation of science, and the training of advanced academic and practice leaders in public health.

Mission

The mission for public health at Washington University includes five objectives:

• To generate distinctive multidisciplinary research discoveries and service interventions that address significant community and population health problems.

• To train a cadre of leaders who have an evidence-based approach to public health interventions, health services, and health policy.
Mission (continued)

- To educate the next generation of academic leaders in community and population health.

- To eliminate health disparities and improve measurable health outcomes through sustained community and organizational partnerships.

- To significantly influence the development of sound public health policy.

Community and Population Health Components
Initiatives in Target Areas

• Health Disparities in the St. Louis Region
• Environment and Health
• Genetics and Population Health
• International Diseases and Interventions
• Health Services and Policy

We Encourage You to:

• Analyze
• Question
• Critique
• Be an involved member of the faculty
• Engage your entrepreneurial spirit
• Promote diversity
• Seek out multiple roles