Investing in the Future

The Synergistic Impact of the Gateway Curriculum & Scholarship Support
State of Affairs 2017

MEDICINE
• Explosion of Scientific Info
• Massive Changes to Healthcare Delivery
• Knowledge of How We Learn
• Changing National & Learner Demographics
• Technology

OUR CURRICULUM
• Departmental/ Topic Focused and Crowded
• Limited to no inclusion of Social & Health System Science
• Lecture-based, limited early clinical exposure, known disparities in outcomes
• Less than 15% of class from diverse backgrounds
• Tech in the way and not in support
<table>
<thead>
<tr>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>34</td>
<td>35</td>
<td>36</td>
</tr>
<tr>
<td>37</td>
<td>38</td>
<td>39</td>
<td>40</td>
<td>41</td>
<td>42</td>
<td>43</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>47</td>
<td>48</td>
</tr>
<tr>
<td>49</td>
<td>50</td>
<td>51</td>
<td>52</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

**PHASE 1: Gateway to the Foundations**
- Molecules to Society
- Defense & Response to Injury
- Circulation & Breathing
- Immersion #1
- Ins & Outs
- EXPLORE

**PHASE 2: Gateway to Clinical Medicine**
- Metabolism & Repro.
- Immersion #2
- Scaff. & Move.
- Brain & Behavior
- Immersion #3
- Cap.
- Internal Medicine
- Surgery
- Pediatrics

**PHASE 3: Gateway to Specialization**
- Psychiatry
- Neurology
- Obstetrics & Gynecology
- Req. IM Subl
- ACR #1
- ACR #2
- ACR #3
- KISC #1
- KISC #2

**2023-2024**
- KISC #3
- Elective 1
- Elective 2
- Elective 3
- Elective 4
- Elective 5
- Elective 6
- Capstone
- Elective 7
- Elective 8

**Graduation**
Guiding Principles

Integrated Longitudinal Content

Mastery-Based Learning & Assessment

Career & Professional Development
INTEGRATION- Threads

Basic Sciences
- Anatomy & Embryology
- Genetics & Genomics
- Histology & Pathology
- Pharmacology
- Physiology
- Microbiology & Infection

Clinical Sciences
- Clinical Skills & Diagnostic Reasoning
- Laboratory Medicine
- Radiology

Social & Health System Sciences
- Clinical Epidemiology & Evidence-Based Medicine
- Ethics & Law
- Health Equity & Justice
- Health System Science
- Interprofessional Collaboration
- Public & Population Health
Phase 1: FORM & FUNCTION- APPLY KNOWLEDGE

Molecules to Society
Defense & Response to Injury
Circulation & Breathing
Clinical Immersion 1

Ins & Outs
Explore
Metabolism & Reproduction
Clinical Immersion 2

Scaffolding & Movement
Brain & Behavior
Clinical Immersion 3
Capstone
Phase 2: SIGNS & SYMPTOMS - BUILD CLINICAL ACCUMEN

1. Foundational Week

6. Clinical Immersion

1. Assessment, Reflection, Coaching, Community

- Internal Medicine
- Surgery
- Pediatrics
- Ob-Gyn
- Psych
- Neuro
Phase 3: DIFFERENTIATE & EXPAND

Internal Medicine ACR
3 Additional ACRs Of Your Choice

Advance Clinical Skills

4 Keystone Integrated Science Courses
 Align Scientific Knowledge

Explore & Prepare

Electives
Dedicated Scholarship Time
Application/ Support for Residency

Possibilities

Washington University School of Medicine in St. Louis
ASSESSMENT

LOTS OF FORMATIVE
- Quizzes
- Block Exams
- Assignments
- Clinical Evals
- Standardized Patient Exams

PORTFOLIO
- After Each Block
- At the Completion of Each Phase

DEAN’S LETTER
- DEPARTMENT LETTER
- DISTINCTION

DISTINCTION
- Patient Care (X6)
- Interpersonal & Communication Skills
- Foundational Knowledge
- Practice-Based Learning & Improvement
- Systems-Based Practice

EARLY IDENTIFICATION- LOTS OF SUPPORT- LOTS OF WAYS TO SHINE
CAREER & PROFESSIONAL DEVELOPMENT

FORMAL
- Coaches
- Explore
- Career Counseling: Dean Diemer/ Angie MacBryde
- Specialty-Specific Career Advisors

INFORMAL
- Interest Groups
- Shadowing
- Scholarship/ Research Support/ Mentors
OPPORTUNITY

- PhD
- MSCI
- MPHS
- MPH
- MBA
- MA Informatics
- Year-long Mentored Research/Scholarship
WASHINGTON UNIVERSITY commts $100 million to MD scholarships, education

Investment provides free or reduced tuition to majority of incoming students

by Kristina Sauerwein  •  April 16, 2019
2018-19: 65% of MD Students Received Scholarship

<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarship Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1</td>
<td>Full Tuition</td>
</tr>
<tr>
<td>M2</td>
<td>Full Tuition</td>
</tr>
<tr>
<td>M3</td>
<td>Full Tuition</td>
</tr>
<tr>
<td>M4</td>
<td>Full Tuition</td>
</tr>
</tbody>
</table>

2021-22: 85% of MD Students Received Scholarship

<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarship Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1</td>
<td>Full Scholarship</td>
</tr>
<tr>
<td>M2 (decreased class size for bulge)</td>
<td>Full Scholarship</td>
</tr>
<tr>
<td>M3 (decreased class size for bulge)</td>
<td>Full Scholarship</td>
</tr>
<tr>
<td>M4</td>
<td>Full Scholarship</td>
</tr>
</tbody>
</table>
Increasing Applications

- #applicants: 4550 (2020), 5668 (2021), 6137 (2022)
- #applicants up 24.6%
- National up 14%
- National down 8.3%
Underrepresented in Medicine (URiM) Medical Student Applicants and Matriculants to WUSM

% URiM

Class of 2021 - 29.8% URiM
The Next 5 Years

1. Endow Student Scholarships

2. Expand Curriculum Transformation Across All Programs

3. Expand Post-Bac, Pipeline & Post-Graduate Education Opportunities

4. Develop Systematic Support Systems for All Learners

5. Revision Graduate and Continuing Medical Education for the Future