



The Future of Medical Sciences Research at WSU Spokane

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WWAMI Program

- **Why we need to expand medical education and research in Spokane**
- **Projected growth of the WWAMI Program at WSU Spokane**
- **Research in WSU Medical Sciences and its projected growth**
- **The Next Great Academic Health Sciences Center @ Riverpoint**

UW

- **43,000 students**
 - 31,000 undergrads
 - 12,000 grad students
- **\$318 mil state support**
- **\$474 mil NIH funding**
 - \$278 mil UWSOM
- **UWSOM Economic Impact**
 - \$4.0 billion
 - 41,000 jobs
 - \$279 million gov. revenue

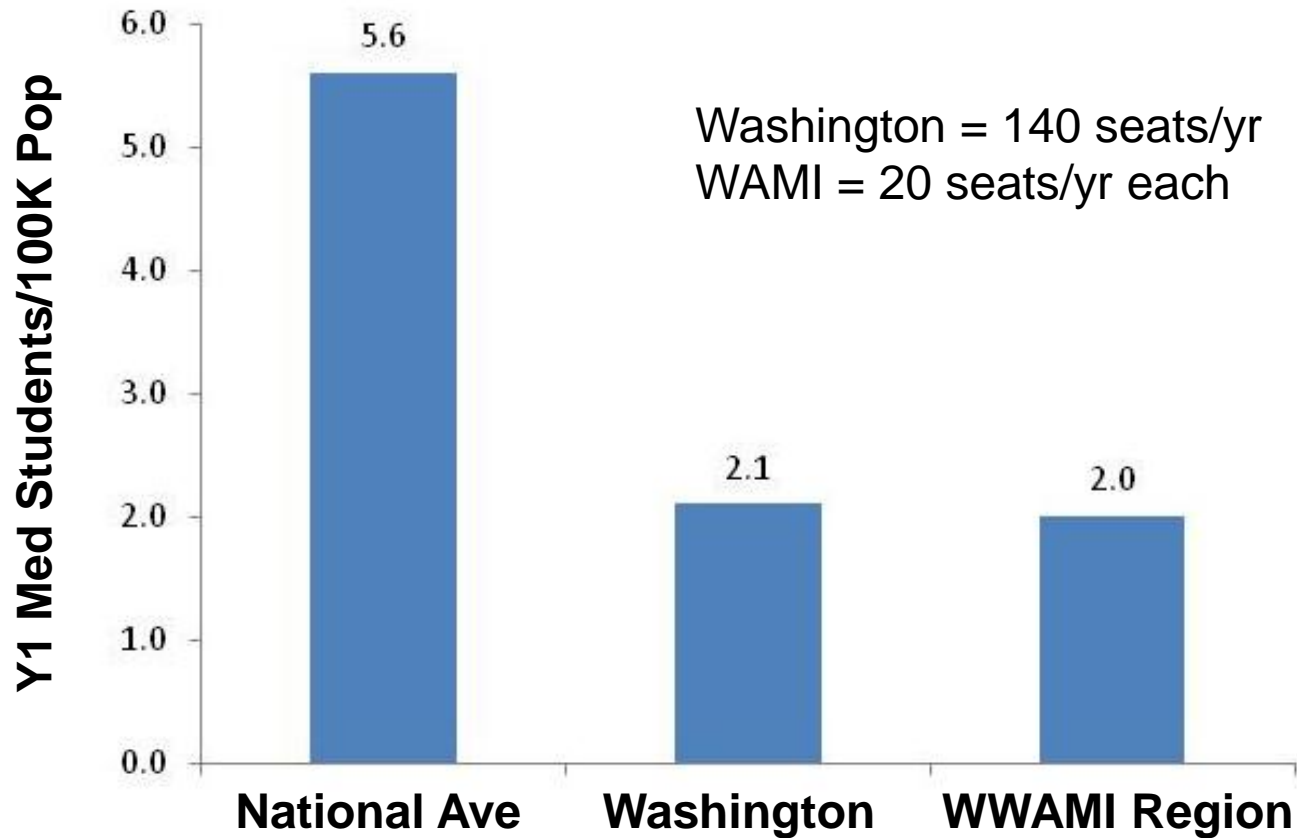
WSU

- **26,000 students**
 - 22,500 undergrads
 - 3,500 grad students
- **\$201 mil state support**
- **\$16 mil NIH funding**
- **AHSC@R EI (projected)**
 - \$2.1 billion
 - 13,000 jobs
 - \$164 million gov. revenue

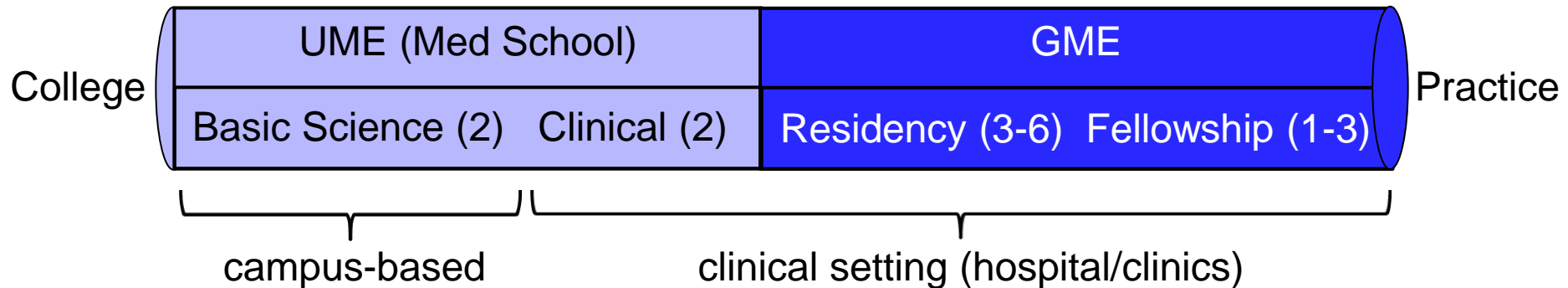
Medical Education Expansion: Why do we need it?

- **Physician supply is not keeping pace with need**
- **Physician supply in the WWAMI region is already low**
- **Most physicians practice in urban areas**
- **The WWAMI Medical Education Program at UWSOM is dramatically undersized**

Year 1 Medical Students Per Capita

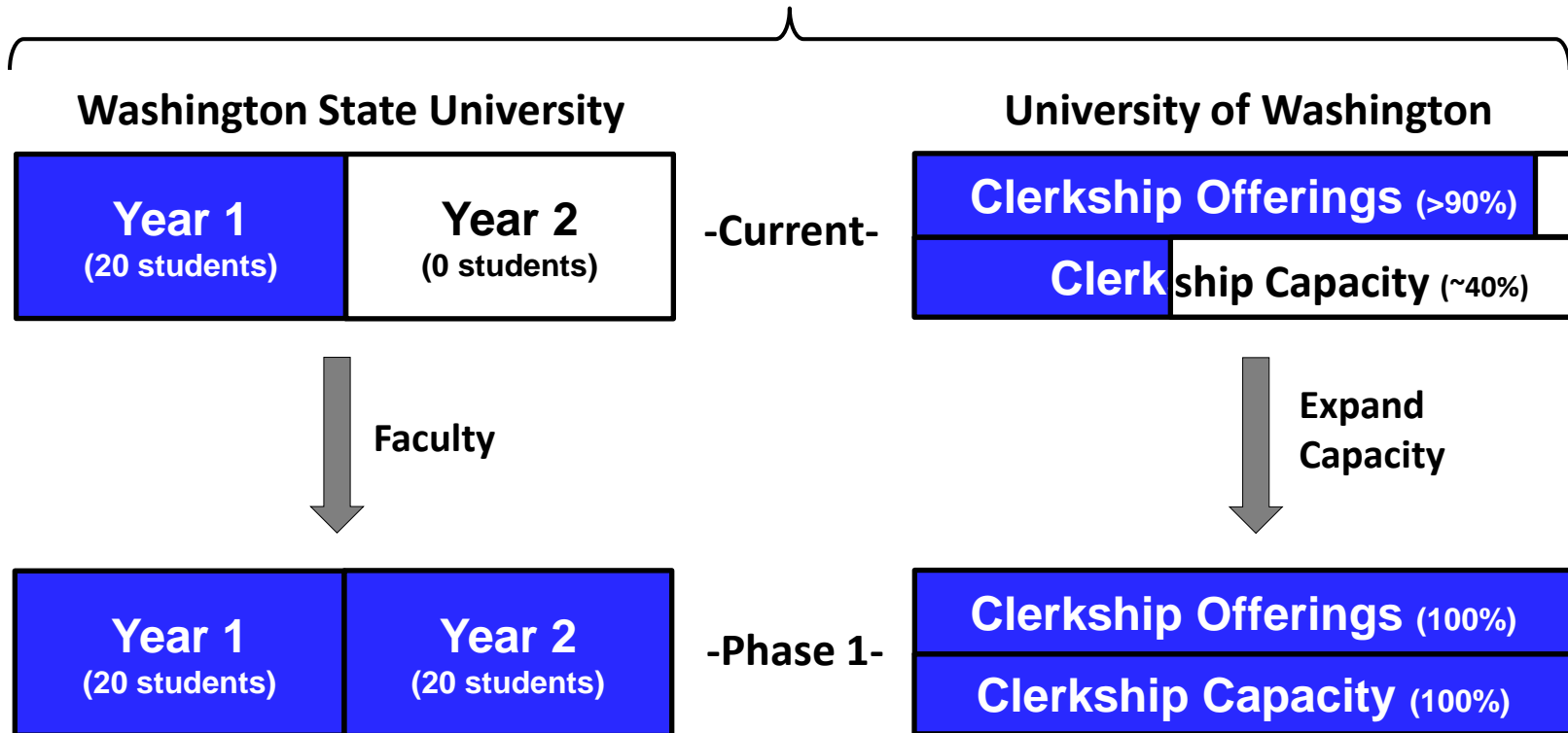


Growing the Medical Education Pipeline

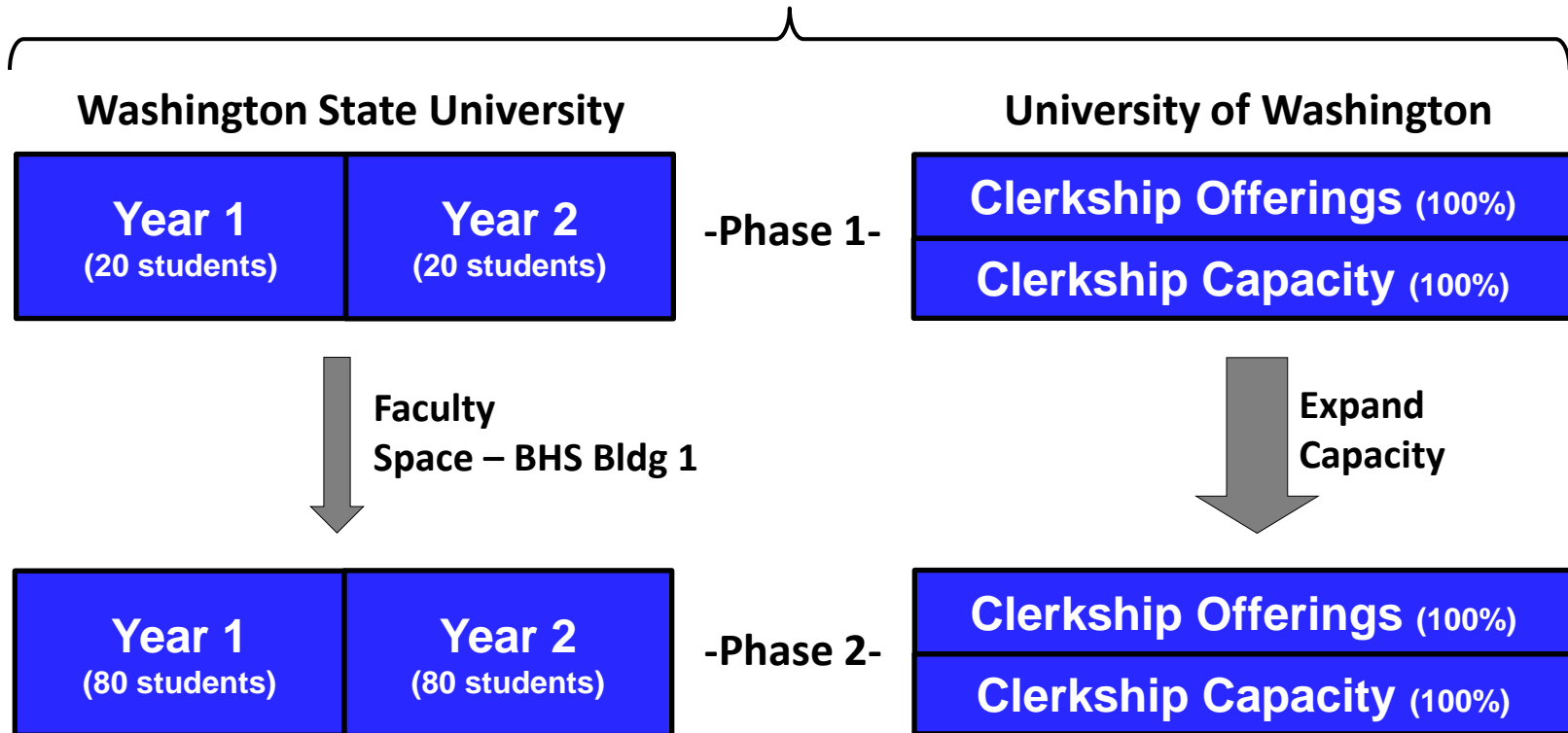


- Minimum training commitment = 7 years post college
- Specialty training as much as 13 years (range 8 to 16)

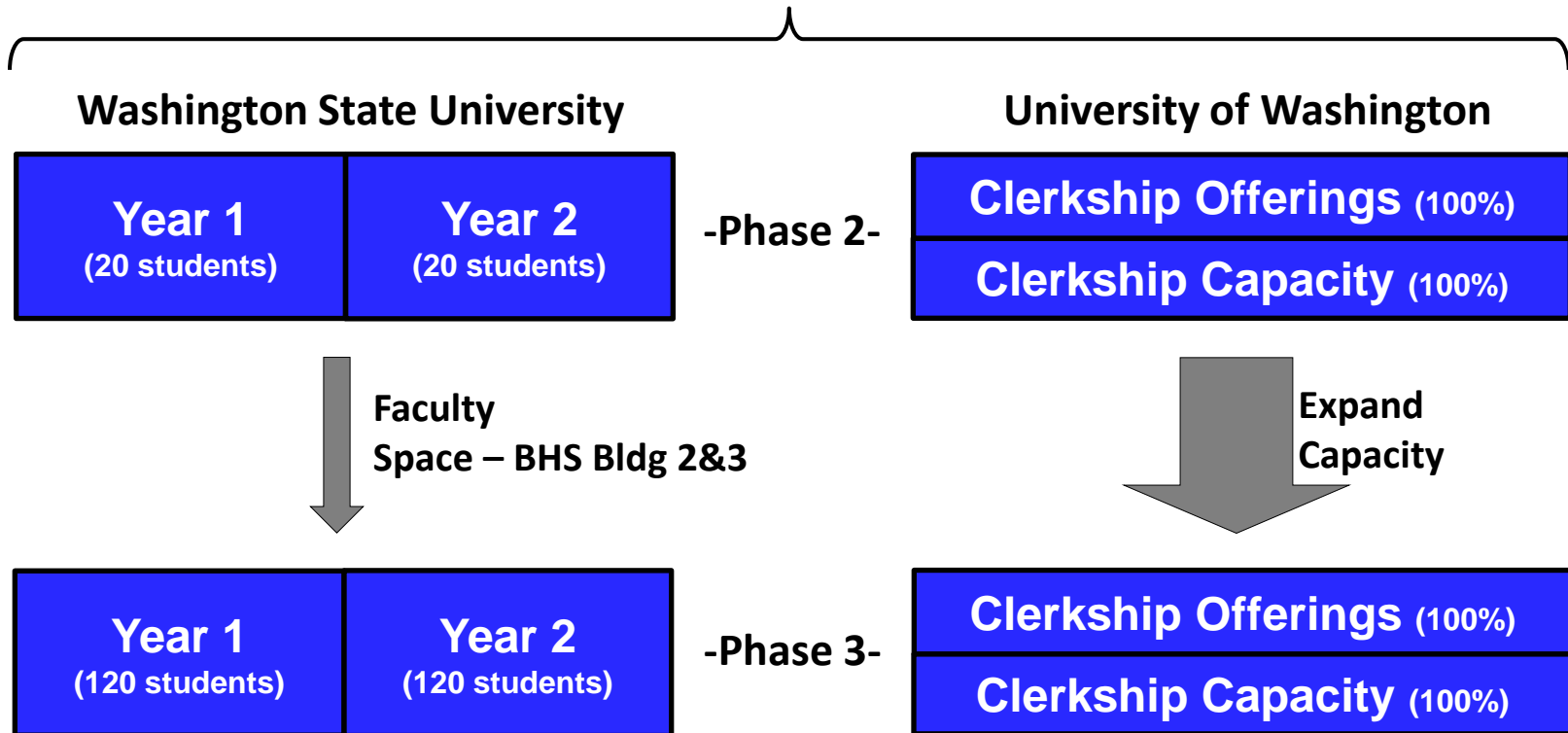
Medical Education Growth in Spokane Phase 1



Medical Education Growth in Spokane Phase 2



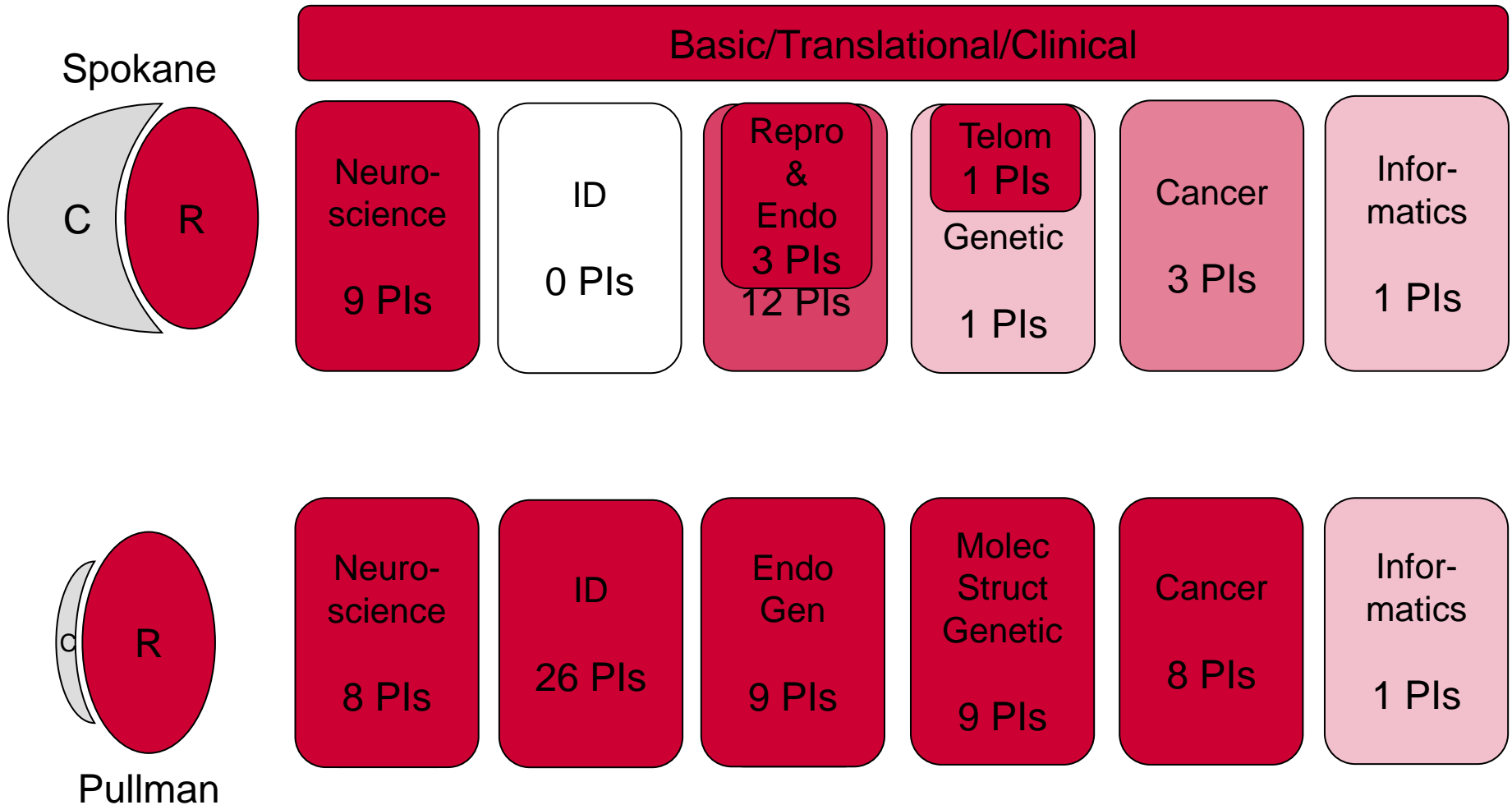
Medical Education Growth in Spokane Phase 3



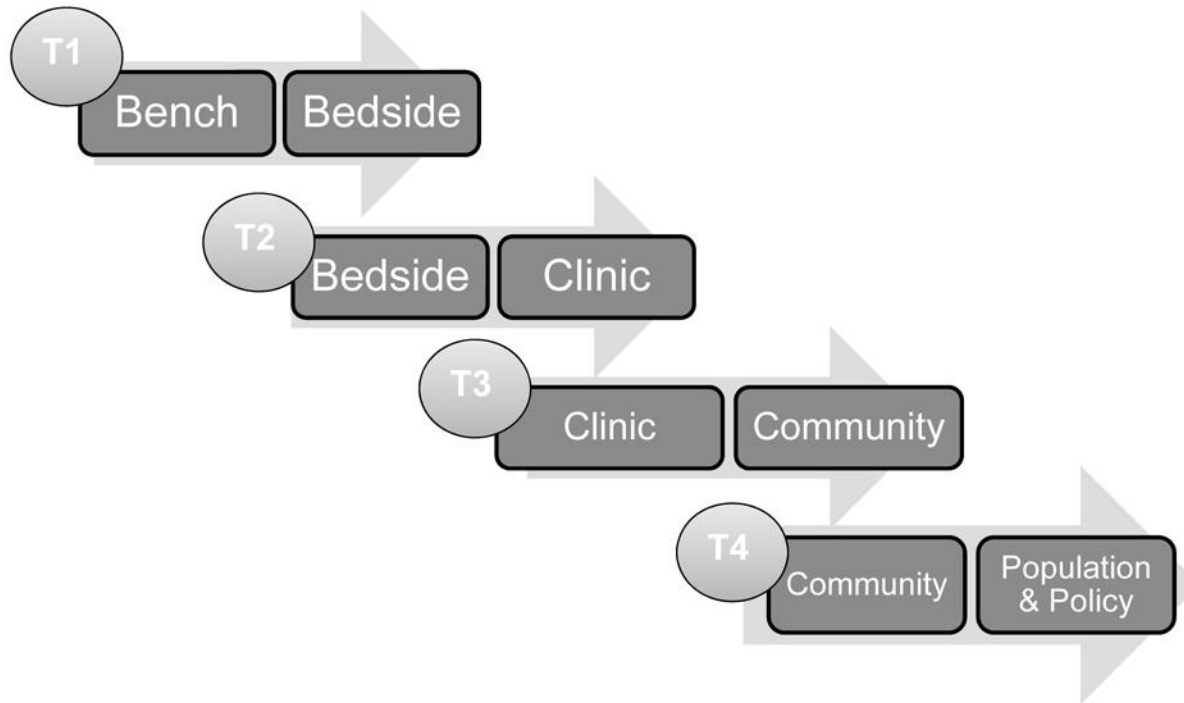
Projected Faculty Growth in WWAMI

- **Based on curriculum needs in second year**
 - Small groups (10 students)
 - 1 clinician and 1 basic scientist faculty per small group
- **Faculty needed for expansion to 80 students**
 - 16 basic science faculty
 - 8 clinical faculty
 - ~13 college faculty
- **Faculty needed for expansion to 120 students**
 - 24 basic science faculty
 - 12 clinical faculty
 - 20 college faculty
- **Additional 6-8 basic science faculty needed in first year**

A Framework for Research Growth



The 4 “T’s” of Translational Research



Translational Research: An Opportunity for WSU Medical Sciences

- **Implementation and Dissemination (T2 –T4)
Research**
- **Best suited to community healthcare systems**
- **But requires sophisticated healthcare
infrastructure and academic researchers**
- **Requires an interprofessional approach**
- **It will likely become an area of greater
emphasis for the NIH in the future**

How does all this fit together
into the creation of the next great
Academic Health Science Center @ Riverpoint?

