

WWAMI - Idaho

WWAMI is recognized internationally as a “benchmark program” for high quality, cost-effective, community-based medical education that is responsive to health professional workforce needs.



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The WAMI Program: Founding Goals (1971)

- 1) Provide access for citizens of the Northwest to publicly supported medical education
- 2) Increase number of primary care physicians and address maldistribution of physicians
- 3) Create community-based medical education
- 4) Expand graduate medical education and continuing medical education
- 5) Avoid excessive capital costs and duplication of resources by using existing educational infrastructure



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K-12

College

*School of
Medicine*

Postgraduate

*Community
Practice*

1st year | 2nd year | 3rd year | 4th year

First Year Sites

Preclinical Education

*Focus on Primary
Care*



State-specific Admissions
Committees

Clerkships

Community-based Clinical
Clerkships

Fam

Ob/G

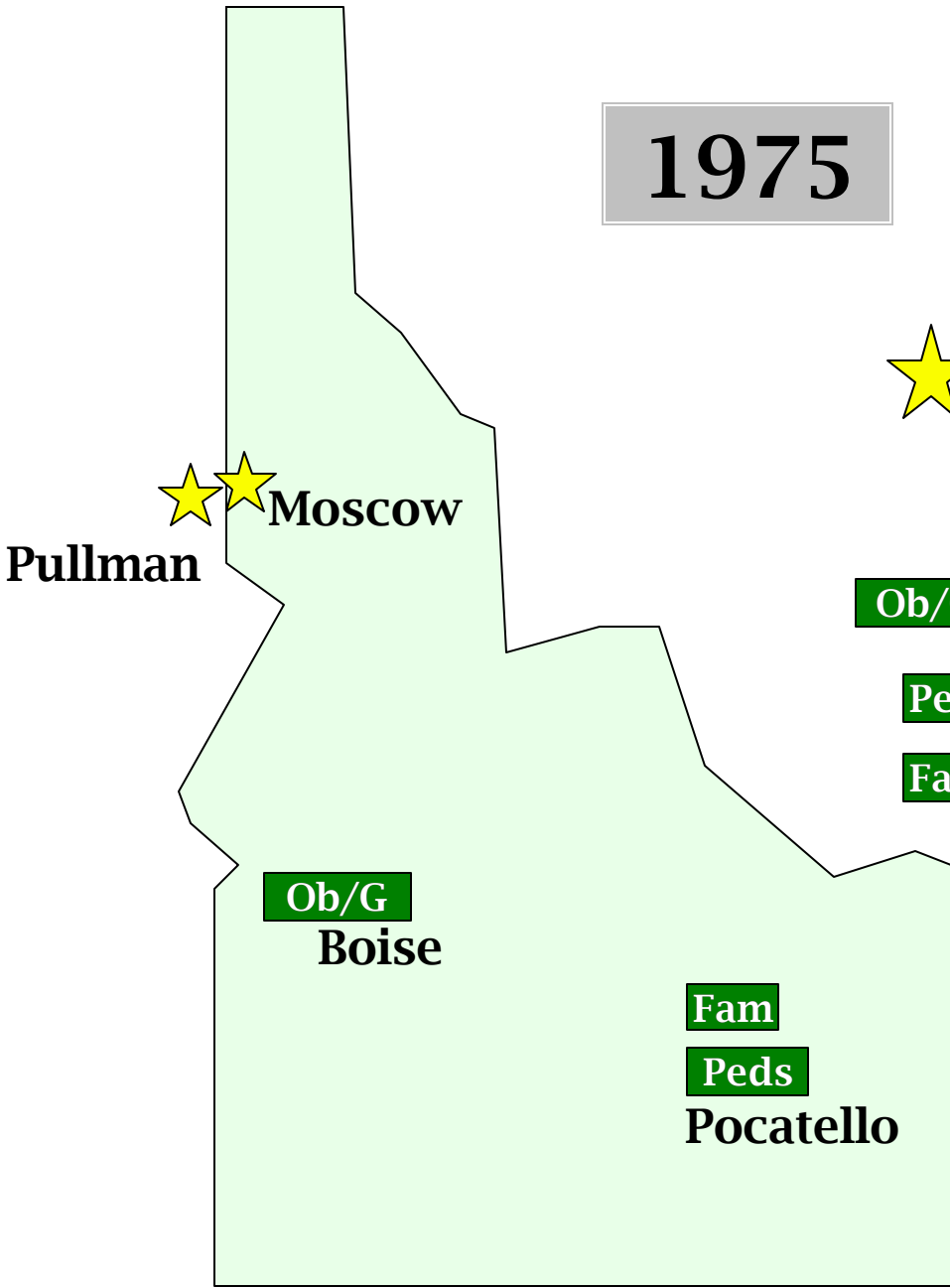
Peds

Retention Services

Continuing Medical Education
MEDCON
Health Sciences Library

1975

UI/WAMI in Idaho



WAMI First Year Sites

University of Idaho, Moscow
Washington State University, Pullman

Ob/G

OB/GYN Clerkship Site

Peds

Pediatric Clerkship Site

Fam

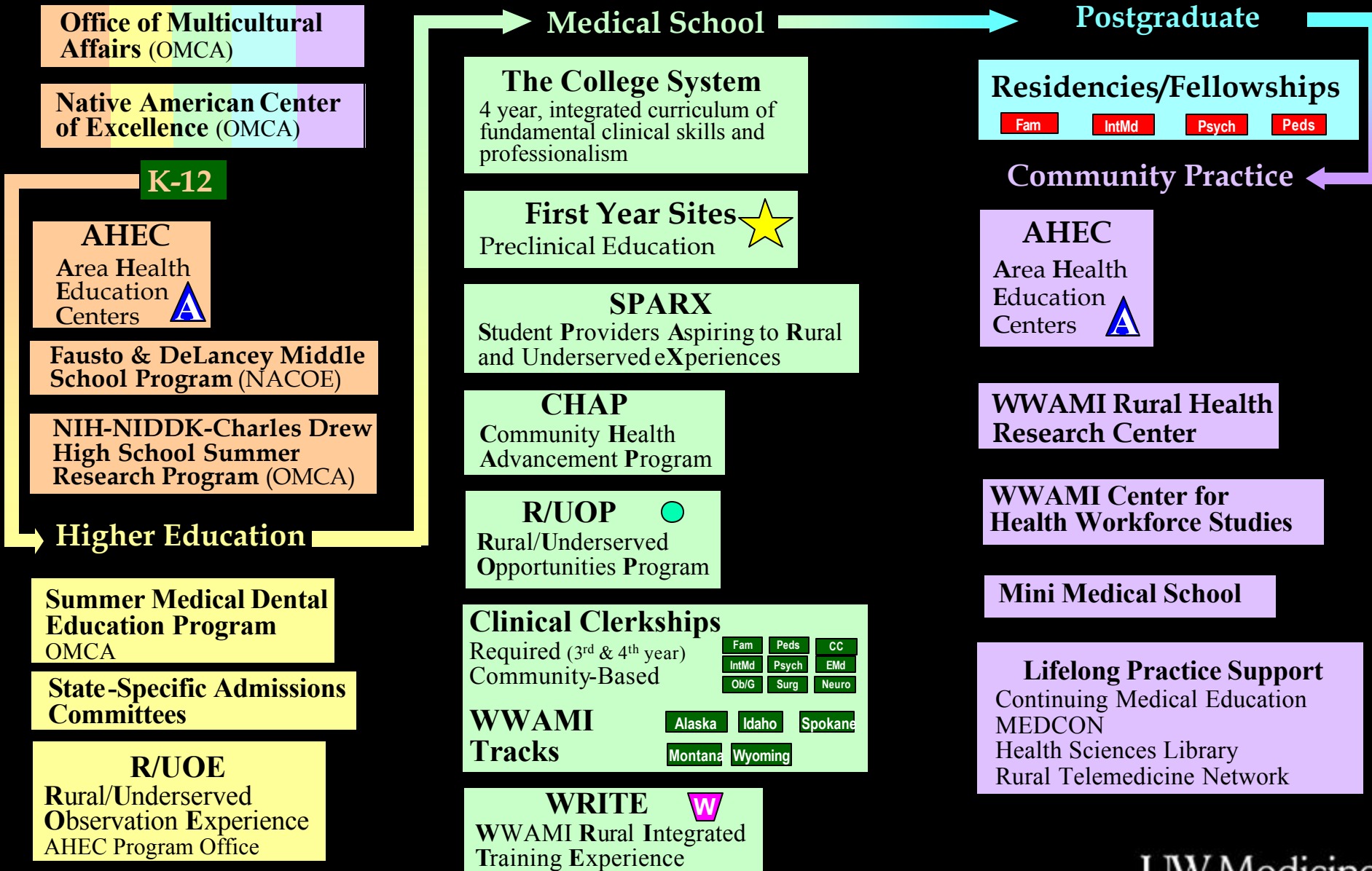
Family Medicine



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2008 WWAMI Educational Continuum

Targeting Primary Care from Grade School through Community Practice



Idaho WWAMI

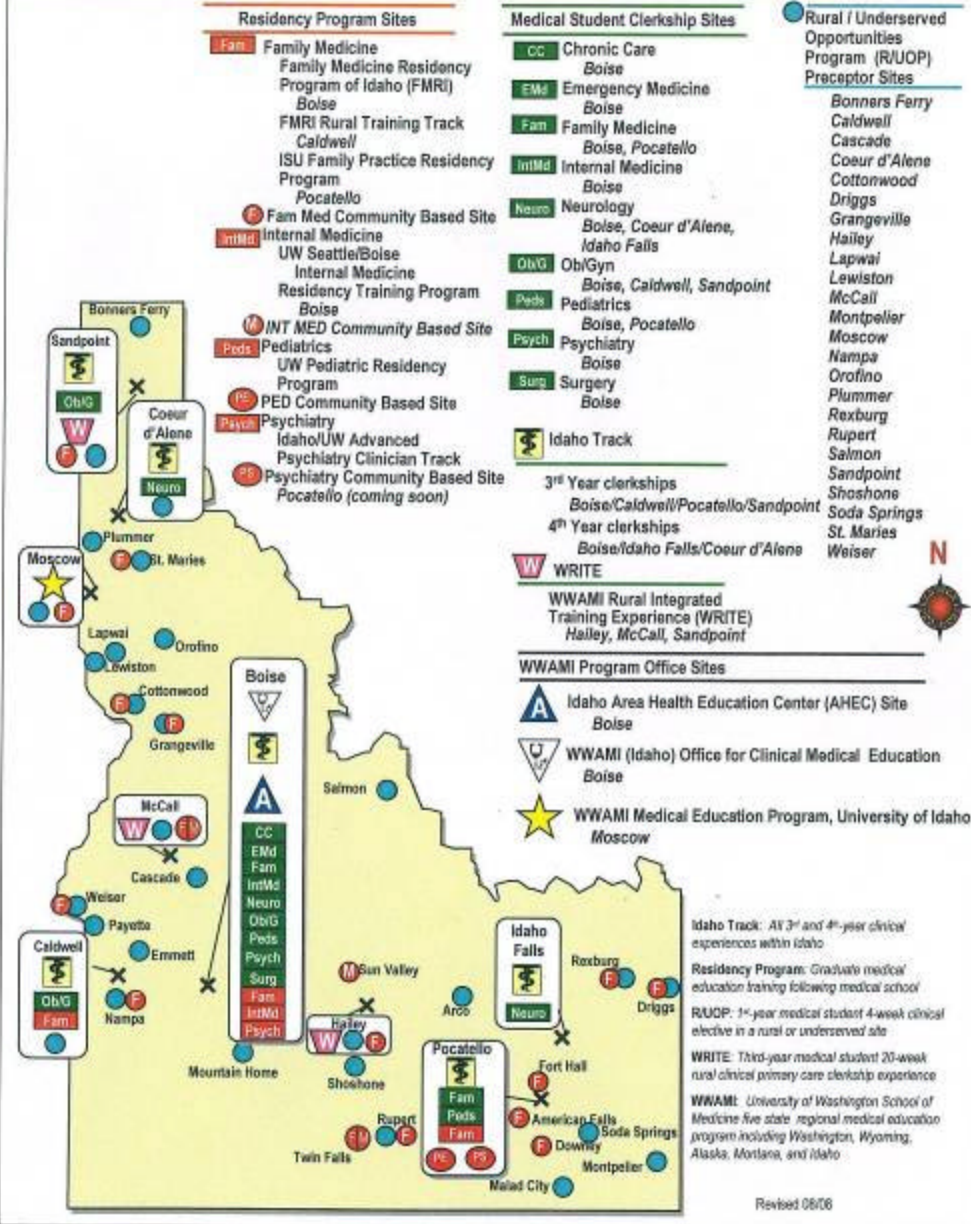
3 of 4 medical school years can now be completed in Idaho through this distributive model.

Year 1: Basic sciences & introduction to patient care at University of Idaho

Year 2: Organ-systems medical education and core clinical skills “Colleges” training in Seattle

Years 3 and 4: Clinical training in Idaho or other WWAMI states





2008 Idaho WWAMI



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WWAMI Program Site Map

2008-09



LEGEND

- ★ 1st Year sites (University Phase)
 - ▲ Area Health Education Center (AHEC)
 - ◀ WWAMI Rural Integrated Training Experience (WRITE)
 - Rural / Underserved Opportunities Program (R/UOP)
- | Req. Clerkship Sites | | Residency Programs | |
|----------------------|--------------|--------------------|--------------|
| CC | Chron Care | Fam | Fam Med |
| EMd | Emerg Med | IntMd | Internal Med |
| Fam | Fam Med | Ob/G | Ob/Gyn |
| IntMd | Internal Med | Peds | Pediatrics |
| Neuro | Neurology | Psych | Psychiatry |
| Ob/G | Ob/Gyn | | |
| Peds | Pediatrics | | |
| Psych | Psychiatry | | |
| Surg | Surgery | | |
- WWAMI Rural Residency Rotations
 - F: Family Medicine
 - IM: Internal Medicine
 - Ob/G: Ob/Gynecology
 - Pd: Pediatrics
 - Ps: Psychiatry
 - ▲ WWAMI Clinical Medical Education Office
 - Ⓢ WWAMI Track location

WWAMI Idaho Admissions E-2008

	Idaho	WWAMI Total	Non- WWAMI	Grand Total
Total Applied	138	1105	3094	4199
Interviewed	91	734	115	849
Accepted	20	195	21	216



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Public vs. Private Medical Education Cost to the Student - 2008

	WWAMI	PUBLIC*	PRIVATE*
Student Tuition			
Resident	\$17,425	\$20,836	\$38,180
Non-Resident	\$41,429	\$40,126	\$39,332
TOTAL STUDENT DEBT (at graduation) 2007	\$104,919	\$129,810	\$156,804

*Mean Numbers



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Costs of Educating a Medical Student

- AAMC 1995 study reports an annual cost of educating a medical student between \$95K and \$136K in 2008 dollars; of this, instructional costs were \$54K to \$67K per year
- LCME 2007 Financial and Medical School Questionnaires report the average state support of a public medical school student is \$103K per year.
- The funded cost per medical student in the Spokane WWAMI expansion is \$71K
- WWAMI Idaho costs of \$63K per student include the additional costs related to a regional medical school, such as regional offices, faculty support and clerkships in Idaho.
- 57% of appropriated funds for WWAMI in Idaho are spent in Idaho each year.
- UWSOM's first-year tuition and fees in FY 2009 are 81% of the average at public medical schools.



2008 WWAMI Economic Impact Study

UI College of Business & Economics

- Idaho WWAMI Education and Research Programs generate \$17 million in sales; \$8 million in wages; 195 jobs; and \$500,000 in taxes annually
- Idaho WWAMI Practicing Physicians generate \$275 million in sales; \$156 million in wages; 2,064 jobs; and \$2 million in taxes annually
- Idaho WWAMI generates over \$5.00 of economic contributions for every State dollar of funding received, compared to national medical school average of \$2.30



WWAMI Graduates Return to Idaho

- **50%** of all Idaho WWAMI graduates have returned to practice medicine in Idaho
 - U.S. medical schools average in-state return rate: **39%**
 - Oregon 46%; Utah 42%; N Dakota 32%; S Dakota 41%
- With additional non-Idaho WWAMI graduates who set up practice in Idaho, the State's Return on Investment goes up to **75%**
- **48%** of WWAMI graduates enter primary care
 - National average 38%



WWAMI Graduates Practice Sites in Idaho



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WWAMI = Quality

Achieving Excellence in Medical Education

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- Full accreditation through the LCME:
 - “The benchmark WWAMI Program provides students with a unique opportunity for education and personal growth.”
(LCME letter of accreditation, 2002)
 - Consistent measurement of educational equivalency across distributed basic and clinical training sites
- *U.S. News & World Report:*
 - #1 Primary Care Medical School (15 years)
 - #1 in Family Medicine & Rural Health (15 years)



WWAMI = Quality

Achieving Excellence in Medical Education

- Entering students (E-2008):

MCAT Composite	31.0	(27.4)*
GPA	3.66	(3.6)*

*(National Average)
- Medical student board scores (USMLE) at or above national average
- AAMC Outstanding Community Service Award – 2002
- WWAMI Participation: Volunteer Faculty Rating **n=4,800**:
 - High degree of satisfaction & support..... **93%**
 - Enhanced their patient care..... **90%**
 - Contributes to meeting professional goals..... **97%**
- Provision of ongoing faculty development for all preceptors
- Students achieve residency match goals > 95% of time

Resident Training (GME) is Different from Medical Student Education



	Medical Student	Resident
Learner Status	Student	Trainee/Employee
Learner	Pays Tuition	Receives Stipend/Benefits
Admission	Admissions Committee	NRMP Match
Accreditation	LCME	ACGME
State Licensure	Not Eligible as Student	Eligible During Residency
Sponsorship	Medical School	Multiple: Hosp., Med Sch, Univ.
Source of Financial Support	Tuition + State or Private	Federal + State + Sponsoring Hosp.

WWAMI GME in Idaho UW-Affiliated Programs

- **Family Medicine Residency***
 - Boise – 10 residents/year
 - Caldwell – 2 residents/year
 - Magic Valley – 1 resident/year
 - Pocatello – 6 residents/year
- **Family Medicine Residency Fellowships***
 - Sports Medicine – 1 fellow/year
 - HIV Primary Care – 1 fellow/year
 - Rural – 1 fellow/year

*University of Washington Family Medicine Residency Network



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Family Medicine Residency Network Outcomes

- 101 Idaho graduates through 2004
- Among all Network graduates:
 - **65.4%** practice in WWAMI
 - **24.1%** practice in communities < 25,000
 - **16%** practice in communities < 5,000
 - **34.5%** practice in medically underserved communities



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WWAMI GME in Idaho – UW School of Medicine Programs

- **Internal Medicine Residency Track**
 - Boise Track – Ten 2nd-year residents (R2)
 - Preliminary Program – Six 1st year residents (R1)
- **Psychiatry: Idaho Track Psychiatry Residency**
 - Two R1, Three R2 residents in Seattle
 - Three residents per year (R3 & R4) in Idaho
- **Pediatric Residents**
 - Six R2 residents/year in Pocatello
- **Pulmonary Fellowship**
 - One per year pending ACGME action



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Research

- UI WWAMI faculty bring in \$11 million dollars of NIH funding annually to Idaho (5 year average)
- UI WWAMI NIH research funding is already greater than 14 U.S. Medical Schools (including U of North Dakota, Creighton U, and Florida State U.)
- Institute for Translational Health Science initiated 2008 to serve WWAMI region.



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WWAMI and University of Idaho Proposal to the SBOE June 19, 2008

- Expand class size for Idaho residents from 20 to 40 medical students/year;
- Begin planning to establish a second-year medical education program in Idaho to create a four year WWAMI Idaho medical education program;
- Expand existing statewide network of 3rd and 4th year community clinical training sites to accommodate class size increase;
- Create a statewide GME approach to expand residency training in Idaho and build on existing collaborative efforts;
- Build on existing collaborative efforts in biomedical research.



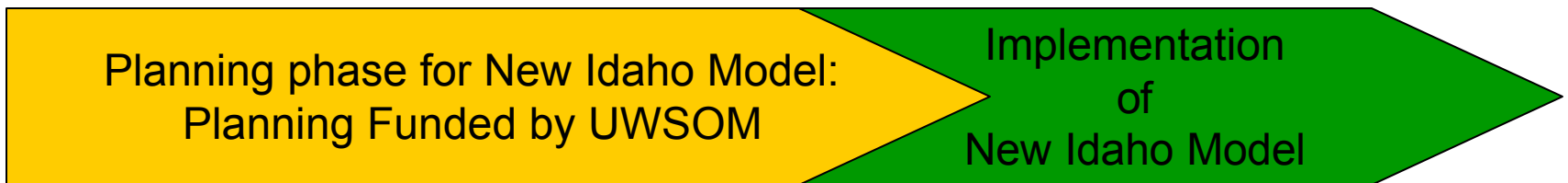
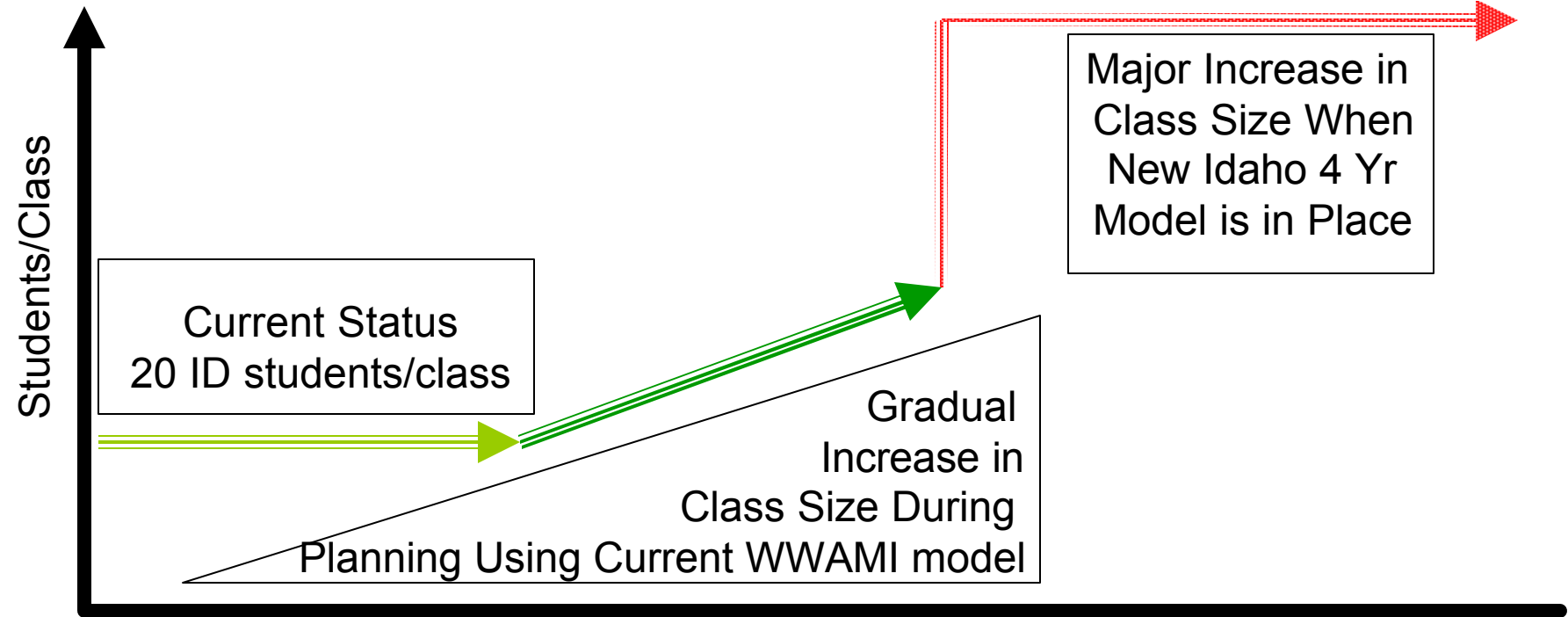
WWAMI = Quality

The 2nd Year Curriculum

- 2nd year currently taught in Seattle for all WWAMI students.
- Curriculum has 10 “organ systems” courses that integrate basic sciences, research, and clinical care
- Each course has 10-40 faculty, integrating medical or surgical specialists/sub-specialists with professors and researchers.
- Currently, 200+ faculty, and an Academic Health Center.
- 2nd year also includes: the Colleges (professional mentoring), Pharmacology, Pathology, Epidemiology, ICM, Medicine-Health-Society, Genetics, and Nutrition courses
- What is required to offer the 2nd year in Idaho? Financial support for increased university-based faculty, clinical faculty, and capacity for distance learning. Requires a feasibility study to develop a design and plan.



WWAMI Idaho Expansion Proposal



GME Expansion in Idaho

■ In 2009, expand the WWAMI Regional Office in Boise in conjunction with the University of Idaho to allow for GME planning and development in Idaho (cost to be determined).

Create an Idaho legislative proposal regarding this initiative.

■ Charge:

- Identify opportunities for additional GME in Idaho and build upon existing programs shared between UWSOM and State of Idaho
- Strengthen working relationships with hospitals, state agencies, organized medicine to prioritize workforce needs and planning of additional residency programs
- Create advisory group to oversee planning process



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Questions/Comments?