

Areas for Collaboration



Institute for Global Health
MICHIGAN STATE UNIVERSITY



Areas for Collaboration

- Education
 - Online MS in Global Health
 - Potential Creation of an Education Abroad Course
- Research
 - Examples of Projects in Mexico, Peru
- Service
 - Opportunity in Peru as Example



Online Masters of Science in Global Health



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Rationale for a MSU Masters of Science in Global Health

- Aligned with the MSU World Grant Ideal
- Exhibits world-renowned MSU faculty from across the university (over half colleges involved)
- Conceived by faculty on IGH advisory committee
- Builds on IGH global experience in over 12 countries
- Online programs generate revenue for university and college (see BISK market summary)



Summary of Findings

	Insight	Recommendations
National Education Market	<ul style="list-style-type: none"> Strong market with steady 10-year growth and low saturation measured by average conferrals per institution Minimal online competition – of the 72 identified competitor programs, only 15 were online as of 2016 	<ul style="list-style-type: none"> We recommend offering a Global Health degree online based on a relatively limited competitive market with growing demand The Global Health program would be best positioned as a degree rather than a specialization taking advantage of an even smaller competitive market
Regional Education Market	<ul style="list-style-type: none"> Low regional presence of related Global Health master's programs 7 schools with a Global focused MPH option – none online as of 2016 However, Northwestern has since launched an online master's in Global Health 	<ul style="list-style-type: none"> Leveraging MSU's strong regional presence and related interdisciplinary strengths will add to potential success of this program Only one other Global Health online program in the Great Lakes region
Labor Market	<ul style="list-style-type: none"> 21% projected 10-year growth to 754.5k total jobs, adding 100k+ new postings: 6 related SOC codes identified 13% regional growth with an additional 11k new job postings International postings not included in labor analysis but anecdotal information shows high demand 	<ul style="list-style-type: none"> We would recommend strong partnerships that can help provide career opportunities for students both regionally and internationally Most programs require a practicum which can further advance skills and help with career prospects
Competitive Market	<ul style="list-style-type: none"> 11 programs analyzed across 10 institutions: 4 related degrees, 5 with a specialization or certificate available in Global Health and 2 Public Health schools with a strong global focus Average tuition of the 10 institutions compared is \$53,832 Most were accredited by the Council on Education for Public Health and half were members of the Consortium of Universities for Global Health Only one online degree in One Health but no global focus 	<ul style="list-style-type: none"> We recommend courses in One Health be optional as a specialization rather than the preliminary focus of the planned Global Health degree for 2 reasons: <ul style="list-style-type: none"> Although One Health shows growing interest among practitioners and universities, current degree options target a niche market Global Health is also a fast growing area and with the limited degree options, especially online, a broad degree would place MSU in a more competitive position

Description of the MS in Global Health

- Competency-based curriculum (Consortium of Universities of Global Health)
- Includes 42 credits over a 2 year period with 9 core courses (27 credits)
- Includes 10 existing global health education abroad opportunities
- Certificate available of core courses (9 credits)
- Planned launch Fall 2019



Global Health Education Abroad Opportunities

- OST 688 Global Health: Cuban Healthcare Delivery System
- OST 686 Global Health: Mexico - Community Medicine in the Yucatan
- OST 685 Global Health: Cuban Healthcare System and Culture
- OST 691 Global Health: Guatemala - Tropical Medicine and Infectious Disease
- OST 689 Global Health: Haiti - Introduction to Global Health and Culture
- OST 692 Global Health: One Health in Nepal
- OST 690 Global Health: Dominican Republic Healthcare Delivery System and Culture
- OST 693 Global Health: Korean Healthcare Delivery System
- OST 687 Global Health: Peru Medical Service
- OST 692 Global Health: Turkish Healthcare Delivery System and Culture



Core Courses

- OST 821 One Health - Transdisciplinary Collaborations in Global Health
- OST 822 Introduction to Global Health Practice
- OST 823 Global Burden of Disease
- OST 824 Emerging Topics in Global
- OST 825 Ethical Issues in Global Health
- OST 826 Evidence-Based Practice in Global Health
- OST 827 Global Health Management
- OST 828 Global Health Capstone
- OST 829 Global Health Community Assessment



Quality Matters

- Worldwide Quality Assurance Program for Online Academic Programs
 - Fosters a culture of continuous improvement by integrating standards and processes into organizational plans to improve the quality of online education.
 - Provides professional development in the use of rubrics, tools and practices to improve the quality of online education.
 - Provides peer review and certification of quality in online education.



Potential Students

- Working health professionals
 - Osteopathic professional societies
 - Veterinary professional societies
 - Nursing professional societies
 - Any other health professionals
 - Global partner university students and faculty
- Recent graduates as bridging or terminal degree
- Eventual plan for dual degree programs



Potential Areas for Partnership

- Course lectures
- Shared electives
- Independent study/study abroad sites
- Potential home for One Health Challenge



Research Examples



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Kidney Stones in the Yucatan

- Urinary lithiasis (UL) is an endemic problem in Yucatan, affecting 5.5% of the population compared to 0.24% in the rest of Mexico. (May-Ix L., et al, 2012)
- Planning symposium of interested faculty from multiple disciplines and colleges
- Areas of study include epidemiology, anthropology, water, medicine, health communication, etc.



Other Potential Areas for Collaboration

- Honey in the Yucatan
 - *Melipona* honey is highly bio-active, and has been used in traditional medicine for thousands of years.
 - Interest in purifying and exporting honey to global markets
- HPV screening and prevention in Peru
 - Use of region-specific human papillomavirus serotypes in improving cervical cancer prevention methods in Peru



Service



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Clinic Service in Peru

- Opportunities for clinical service partnership in primary care clinic 50 kilometers from Iquitos on tributary of the Amazon



For Further Information

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