

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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