IMAGINE

GO GLOBAL

Join Global Public Health in:

GHANA + PARIS SUMMER 2018

EXPERIENCE PUBLIC HEALTH IN GHANA | STUDY PUBLIC HEALTH IN PARIS
GLOBAL PUBLIC HEALTH 2018 SCHOLARSHIPS

• Global Public Health Learning Abroad Scholarship - (2) $1,000.00
  - A general scholarship to help defray educational costs for qualified undergraduate or graduate students enrolled in a learning abroad program through the Division of Public Health.

• Global Health Innovation Competition Scholarship - (1) $2,500.00
  - for returning students
  - An endowment fund established to award an undergraduate or graduate student who has completed a learning abroad program and desires to return to the same region to implement an innovative idea in collaboration with a faculty mentor for improving health. The prize shall be used to help cover expenses incurred by each student while traveling and executing his or her idea.

• Global Public Health Info Session Scholarships
  November 13 - $500.00
  January 16 - $500.00
Preparation for
Global Health Service & Learning

Global health learning and training can be extremely rewarding. But these experiences also pose challenges for the individual learner or trainee as well as for the host and sending institutions. Students and practitioners participating in medical, research and public health efforts in low-resource international settings often encounter ethical, personal, and logistical issues. Adequate planning, preparation and adherence to best practices can help to ensure a successful global health experience.

The course will introduce the learner to a structured approach to and the necessary resources for planning and participating in an ethically-guided service and learning experience in an international setting. Over eight 2-hour sessions (1 credit hour) participants will explore and discuss:
- planning and preparation for global service and learning experiences
- ethical practices and curriculums
- personal health and safety
- assessing local health needs
- contact appropriate resources and practices for medicine, research and public health
- post-trip assessment and reflection

Although geared toward medical, public health and nursing students, this course is open to all University of Utah undergraduate and graduate students who plan to participate in an international service or learning trip. Before you leave for your destination, come and learn the skills and acquire the resources you need to make your global health experience a safe and successful one.

Spring 2018
Wednesday Evenings
5:30pm – 7:30pm
8 nonconsecutive evenings
January 17 & 31
February 14 & 21
March 7 & 14
April 4 & 20

CONTACT
Ty Dickerson, MD, MPH, FAAAHP
Assistant Dean of
Global Health Education

or
Jen Monsen
Program Manager
Global Health Education

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GLOBAL PUBLIC HEALTH INFORMATION SESSIONS

January 16, 2018
5:30 pm - 7:00 pm
Division of Public Health
375 Chipeta Way, Suite A
Public Health Classroom 203
SPRING 2018
LEARNING ABROAD FAIR

January 31, 2018
11:00 am – 2:00 pm
Union Building
Union Ballroom
LEARNING ABROAD

APPLICATIONS
- Application deadline: **February 15, 2018**
- Late applications will be assessed $100 late fee
- Learning Abroad 101 requirement
  - Online or in person

OFFICE FOR GLOBAL ENGAGEMENT SCHOLARSHIPS
- $1000 for Summer term
- Application deadline: **February 15, 2018**
  - Student Fee
  - Social Media
  - Diversity
  - Merit
GLOBAL PUBLIC HEALTH LEARNING ABROAD 2018

CO-DIRECTOR: SCOTT BENSON, MD, MPH, PHD
CO-DIRECTOR: TY DICKERSON, MD, MPH
FALL, 2017
Global Health Ghana
Background Information
BACKGROUND

• Public Health Division, Department of Family & Preventive Medicine
  – Scott Benson, MD, MPH, PhD
  – Ty Dickerson, MD, MPH

• 3-4 weeks in July

• Kumasi, Ghana
  – Paris, France

• Fulfills Undergraduate International requirement
BACKGROUND

Course Goals:

• Cultural, social, and health issues facing Ghana

• Public health issues (ID, nutrition, water & sanitation)

• Field work projects
  – 5 dissertations/thesis
  – 5 conference presentations
  – 20 peer reviewed articles
  – >50 poster presentations
BACKGROUND

Student Participation 2010-2017:
- 207 U of U students (24)
- 226 Ghanaian students (25)

Students 2017:
- Medical Students
- MPH Students
- Undergraduate Students
- Pharmacy Students
Global Health Ghana Research Projects 2017
RESEARCH PROJECTS: SUMMER 2017

1. Survey of Local Incidence, Knowledge, and Attitudes of Chronic Pain
2. Antibiotic-Resistant Bacteria detection
   1. Drinking water
   2. Waste
3. Pre-Assessment: Health2Go Community-Based Child Health Implementation
4. Access & Barriers to Contraception the Barekese Sub-District Household Biofuels and Lower Respiratory Tract Infection in Rural Ghana
5. Biofuel burning and respiratory complaints
SURVEY OF LOCAL INCIDENCE, KNOWLEDGE, AND ATTITUDES OF CHRONIC PAIN

• **Interprofessional Collaboration** with Ghanaian Medical Students for planning and executing the research study
• The study consisted of three specific surveys:
  - Demographics questionnaire
  - Chronic Pain Grade questionnaire
  - Self-function questionnaire
• Collected ~182 surveys
• **Currently preparing data for a poster presentation and a research paper**
POINT PREVALENCE OF ANTIBIOTIC-RESISTANT BACTERIA

• An initial investigation into the detection and quantification of microbial contaminants from source waters through the treatment plant, distribution system and to the community

• Evaluation of the presence of environmental antibiotic resistance in the Barekese District
  – Antibiotics Used: Ceftriaxone & Meropenem

• 107 surveys were conducted throughout each community that water was sampled
  – Used to quantify the risk to the community of fecal oral disease as well as antibiotic resistance
PRE-ASSESSMENT HEALTH2GO

- Launched Eastern Ghana
  - University of Utah & Ensign
- WHO – Integrated management of childhood illness (IMCI)
- Addresses childhood
  - Malaria
  - Diarrhea
  - Pneumonia
  - Malnutrition
FAMILY PLANNING

• Ghana Ministry of Health
• Family Planning Programming
• 20% participation
• Why?
BIO FUEL AND RESPIRATORY COMPLAINTS

• How Ghana cooks
  – Firewood 41%
  – Charcoal 32%
  – LPG 22%
  – Farm residue <1%

• In Ghana 13,000 deaths from respiratory disease
  – 50% household exposure
Global Health Ghana
Professional Growth
INTERPROFESSIONAL EXPERIENCE

- Interact with Medical students from Utah and Ghana
- Develop a greater understanding of the different roles that each healthcare provider plays in global health
- Fine-tune and develop communication and collaborative skills
- Forge lifelong professional relationships and friendships
INTERACTION WITH DIVERSE POPULATIONS

• Develop a greater understanding of populations outside of Utah and the U.S.
• Adapt and learn communication strategies to acquire health information.
• Become more sensitive to cultural differences
PERSONAL AND PROFESSIONAL GROWTH

- Expand knowledge of global public health
- What role to play in the future of healthcare and global public health
- Introduction to a different norm and experiences outside of comfort zones
PARIS

- Louvre
- Catacombs
- Pasteur Institute
- Paris Sewers
- Eiffel Tower
- Arc de Triomphe
INTERESTED IN JOINING US?

• Pam Lyon
  – Pamela.lyon@Utah.edu

• Dr. Scott Benson
  – Scott.benson@hsc.Utah.edu

• Dr. Ty Dickerson
  – Ty.dickerson@hsc.Utah.edu
SEE YOU IN GHANA
Ghana Learning Abroad
Past Student Presentations
Ghana
Ghana
Paris
The People
The Fun
The Reality
Why EVERYONE should go to Paris!!
Why I loved Paris
GLOBAL PUBLIC HEALTH LEARNING ABROAD 2018

KATE McFARLAND
STUDENT PARTICIPANT
GHANA LEARNING ABROAD SUMMER 2017
The People
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