

Multicultural
Affairs

Faculty
development

Community
Outreach

Global Health



Dr. Stephanie Wang

received Chicago's Institute of
Medicine award for

**Humanitarianism in
Global Health!!!**

06-09-2011

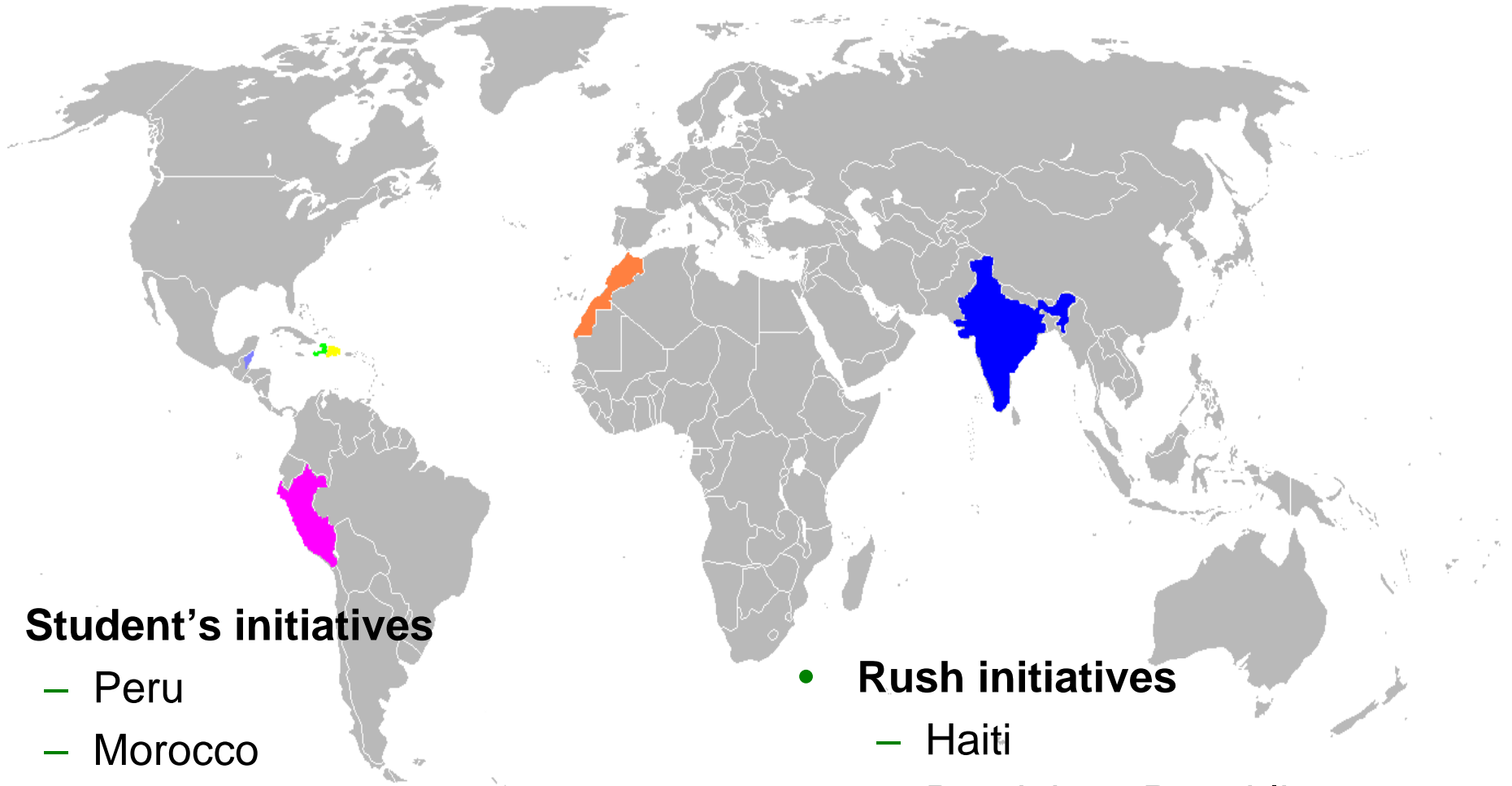
Main Goal:

Place Rush on the national and international
arenas

Tasks

1. Develop and coordinate structure and programs across the University
2. Fundraising/Grants applications to create scholarships to support students/residents/fellows participation in Global Health
3. Support and assist the development of the University Global Health clerkship/curriculum
4. Data Collection and analysis; scholarly activity
5. Partner with other internal and external International educational programs
6. Collaboration with IMC/ Response to natural disasters

Rush Global Health Initiatives



- **Student's initiatives**

- Peru
- Morocco
- India
- Guatemala

- **Rush initiatives**

- Haiti
- Dominican Republic
- Belize

Primary Care Goals: Haiti and Dominican Republic

Drs. Stephanie Wang & Jennifer Towbin

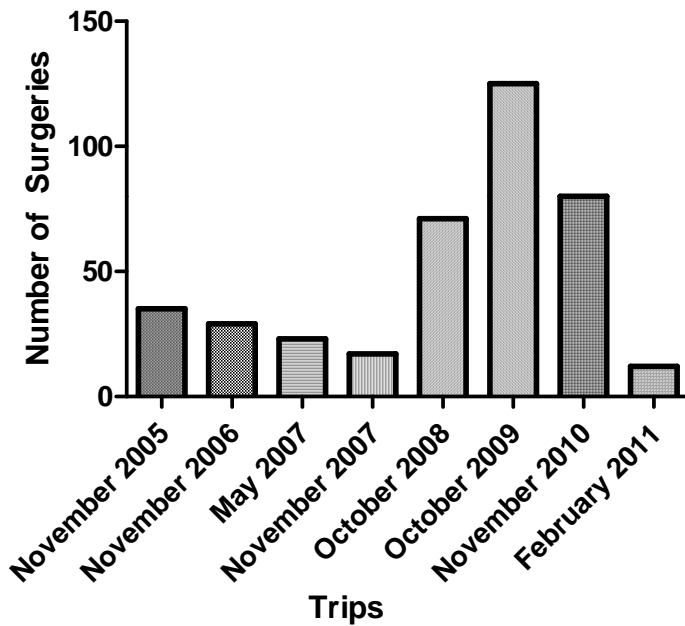
- **Partner with local providers to develop/assist broader primary care base and improve continuity of care.**
 - PERALTA – teams of 10-15 providers work with local providers on a quarterly basis, seeing patients and providing three months of medication for chronic diseases as well as treatments for acute illnesses.
 - HAITI – same model as above, however still in process of establishing and developing target community.
 - Examples of chronic problems include HTN, DM, asthma. Examples of acute problems include STD, PID, cellulitis, tinea, scabies, parasitic illnesses, UTI, URIs.

- **Assist local providers in identifying public health concerns and establishing solutions**
 - PERALTA – access to clean water is primary concern. Team in 2007 fixed the local damn which brought water to the village. Water purification plant has been established through the clinic, and access to clean water is markedly improving the health of the immediate community, particularly for the children. Malnourishment, abdominal pain and diarrhea which was previously ubiquitous has markedly decreased.

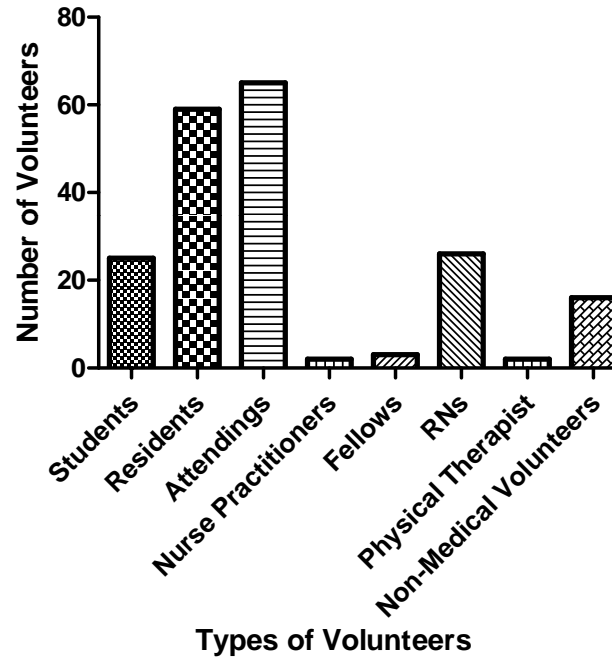
- **Assist local providers in educating their community about prevention and maintenance of health**
 - Education is provided to groups during wait times to be seen in clinic and through house-calls. Local health promoters are key to these experiences. Safe sex, chronic disease management, diet, prenatal care are some examples of topics covered.
 - Depending on the size of the team, number of patients seen in one week varies between 400 -800. In 2005 we started with two primary care teams in Peralta, and doubled to four teams per year by 2007.

Dominican Republic & Haiti

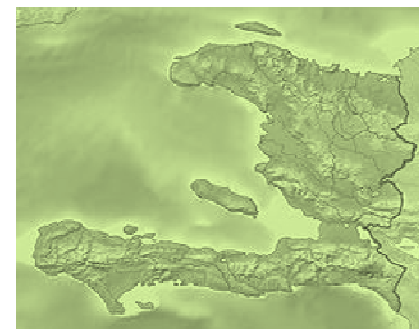
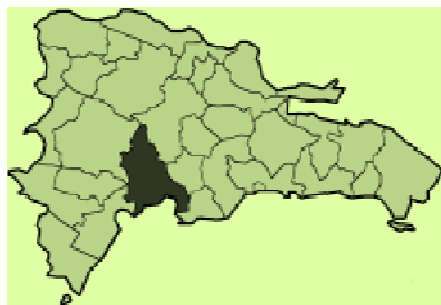
Visits from 2005-2011



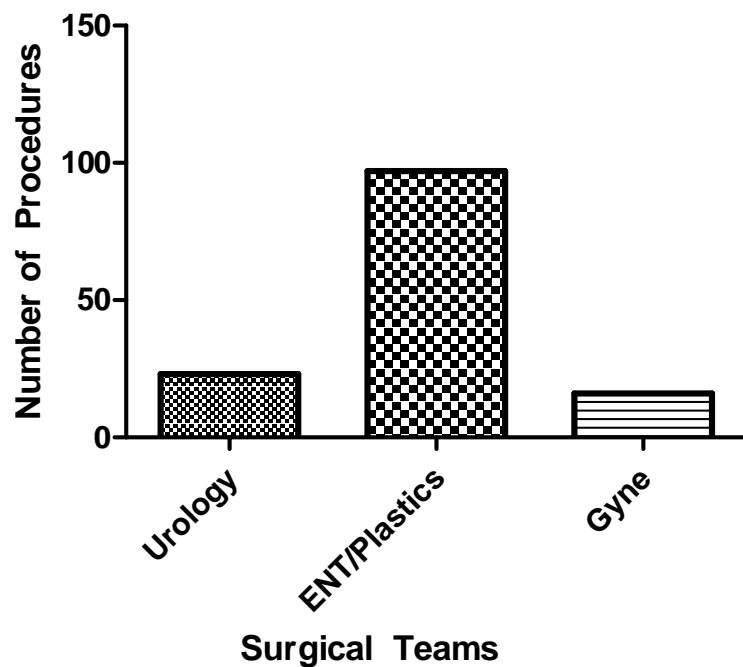
RUSH Volunteers from 2005-2011



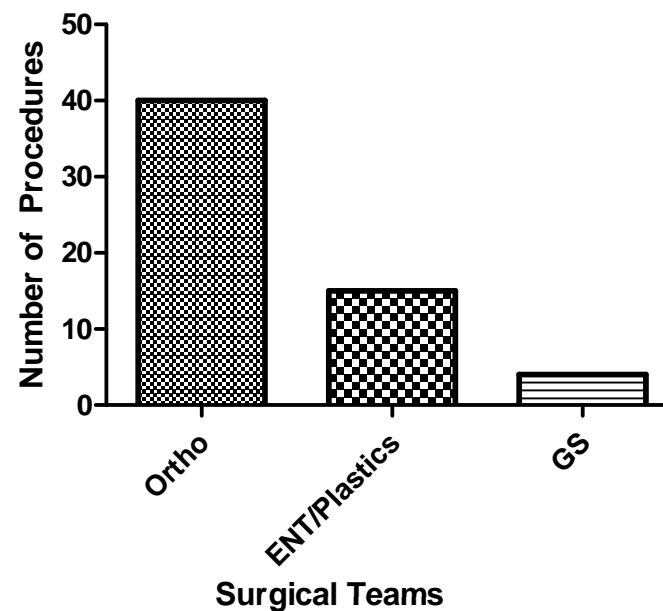
Dominican Republic & Haiti



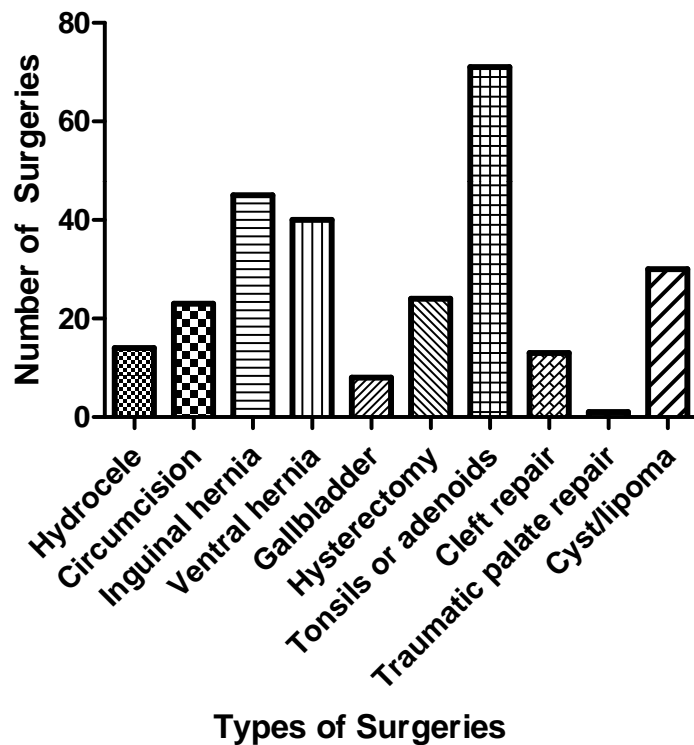
**Types of Procedures Performed in Peralta
From 2005-2011**



**Type of Procedures Performed in Port-au-Prince
February 2010**



**Total Surgeries Performed in Peralta
From 2005-2011**



**Primary Care Treatments (~ 600-800
visits/trip):**

- Pneumonia
- Diarrhea
- Skin Infections
- Hypertension
- Diabetes
- Heartburn
- Muscle Aches and Pains
- Chest Pain
- Abdominal Pain
- Dehydration
- Scabies
- Sore Throat

MED-747 Global and Community Health

Purpose:

To provide students the opportunity to read and discuss in the area of Primary Health Care, as defined by the World Health Organization (1978). Students will obtain a framework for addressing common diseases in an underserved community setting from a clinical, epidemiologic and public health perspective.

Focus:

Social determinants of population health, including the impact of environment, poverty, social structure and culture on health status and health care.

- Student will spend 2-4 weeks in an underserved community developing country setting under the supervision of Rush faculty.
- Work will include epidemiology, diagnosis, treatment, control, and prevention of selected diseases of importance in underserved settings.
- Students will use this knowledge to develop a plan for working in disadvantaged communities providing primary health care, either locally or internationally.
- Students must have a faculty sponsor at Rush as well as a physician at the site responsible for supervision of the student's work.
- Students must complete the on-line curriculum and reading self study prerequisites prior to departure for their work in the community and must submit a completed project within 1 week of the completion of the elective.

Rush Belize Project

- 1999 –present: 9 trips (2011 will be #10):
 - 93 students and 16 faculty/staff (109 total)
- **Colleges/programs :**
 - **CON:** BSN degree, GEM, NP
 - **GC:** Clinical Research
 - **CHS:** Occupational Therapy, Communications Disorders (Speech Pathology and Audiology), Clinical Lab Sciences, Health Systems Management, Perfusion Technology
- **Faculty/Staff represented:**
 - RMC
 - CHS
 - CON
 - Student Services
 - Multicultural Affairs
 - Student Affairs

Accomplishments

- Donated:
 - funds for and built 7 houses.
 - 4,500 pounds of supplies (medical; clinic; baby items; school supplies, etc).
- Held educational sessions on: HIV/AIDS; Nutrition; Blood Pressure/Glucose Screening attended each time by over 40 Belizeans.
- Volunteered in:
 - schools for the disabled
 - nursing homes
 - outpatient clinics for the elderly
 - day centers for the elderly
 - rehabilitation home services organization
 - outreach center for children infected with or affected by HIV/AIDS
 - mental health clinics
 - children day care centers