



Sustainability of Short-term International Volunteerism

The Medishare Model in Haiti

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Ira Leeds
ileeds@emory.edu

Sameer Kapadia
smkapad@emory.edu



EMORY
UNIVERSITY
SCHOOL OF
MEDICINE



www.emorymedishare.org



Short-term Medical Trips

The Big Picture

- Against

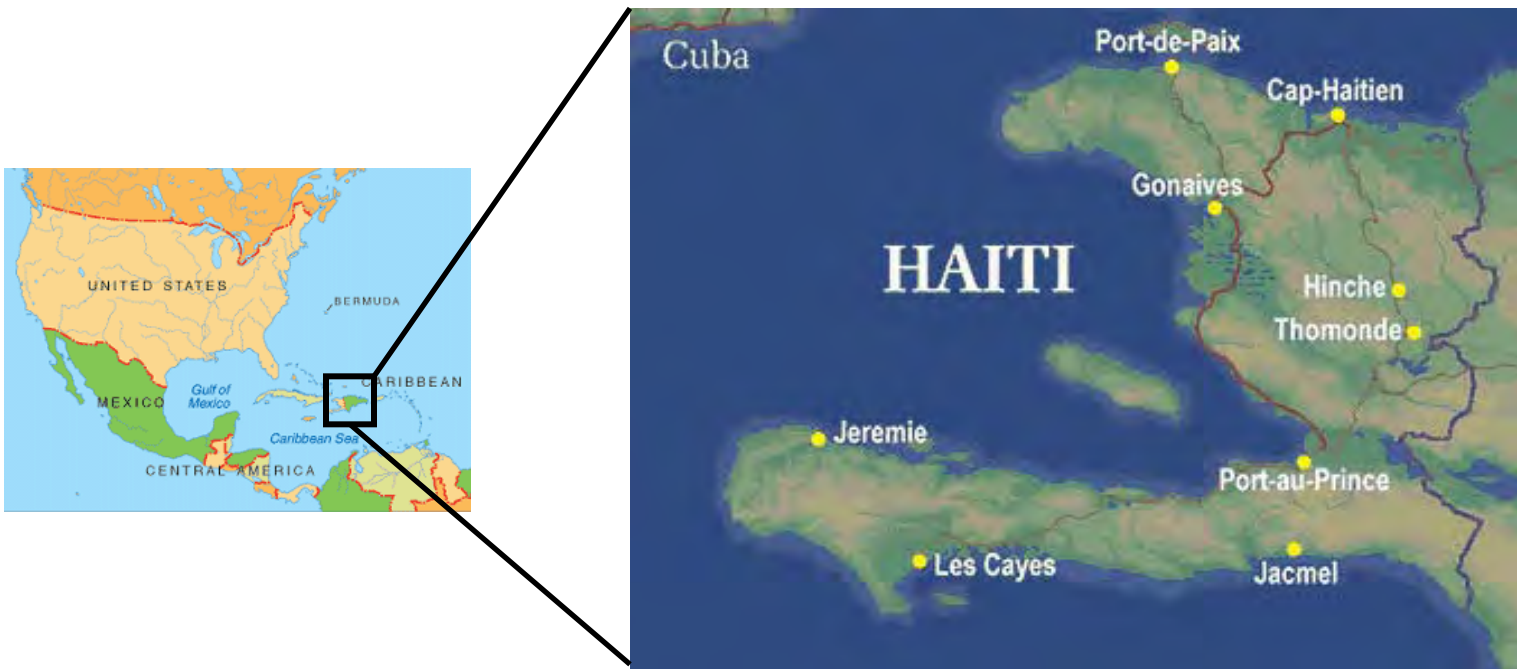
- Bezruchka S: **Medical tourism as medical harm to the third world: Why? For whom?** *Wilderness Environ Med* 2000, **11**:77-78.
- Bishop R, Litch JA: **Medical tourism can do harm.** *Br Med J* 2000, **320**:1017.
- Roberts M: **Duffle bag medicine.** *J Am Med Assoc* 2006, **295**:1491-1492.

- For

- Suchdev P, Ahrens K, Click E, Macklin L, Evangelista D, Graham E: **A model for sustainable short-term international medical trips.** *Ambul Pediatr* 2007, **7**:317-20.
- Green T, Green H, Scandlyn J, Kestler A: **Perceptions of short-term medical volunteer work: a qualitative study in Guatemala.** *Globalization and Health* 2009, **5**:4.



Haiti

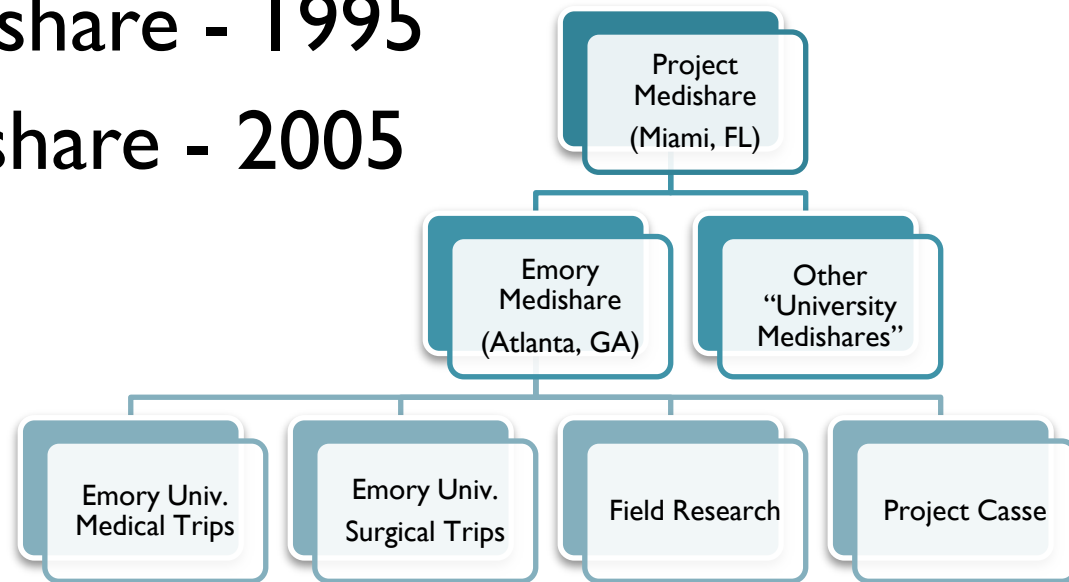


- Poorest nation in the Western Hemisphere
- Highest HIV/AIDS Mortality rate
- 100-year history of political violence and unrest



Background

- Project Medishare - 1995
- Emory Medishare - 2005





What is Project Medishare?

Services include

- Year-round primary care clinic sites
- Medical rotations and short-term trips
- Specialty surgical trips
- Nutritional supplementation (Akamil)





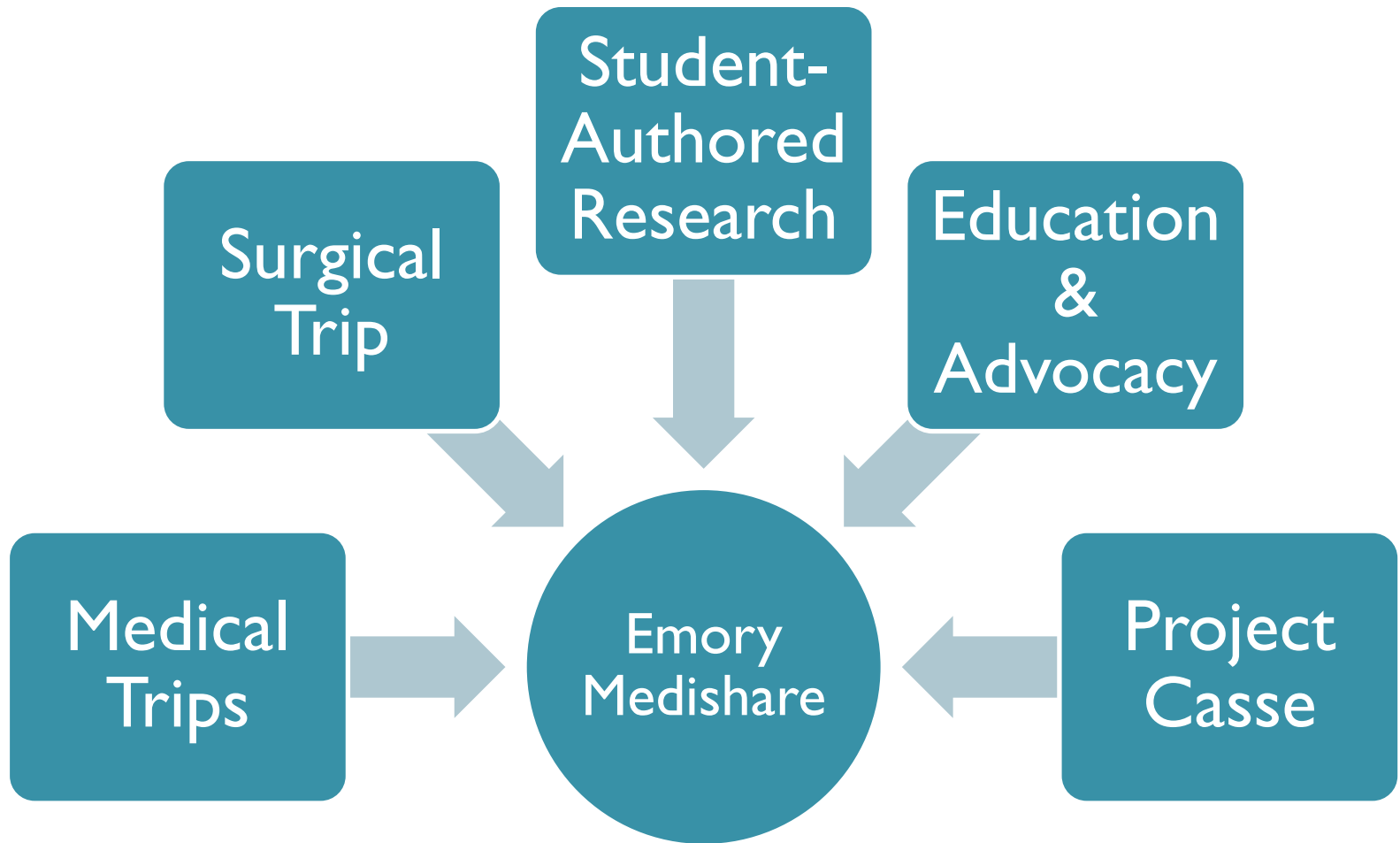
What is Emory Medishare?



- Emory-based Project Medishare affiliate operating since 2005
- Student-led organization
- Expanding programs which include medical trips, surgical trips, and improving care of chronic disease
- Morehouse School of Medicine sister affiliate
- Founding member of Atlanta Medishare



A Programmatic Model





Medical Trips





Medical Trip





Medical Trip





Medical Trip





Medical Trip





Medical Trip





Surgical Trip

- > 40 patients pre-op evaluations
- 19 surgeries performed in July 2009
 - Urethral Reconstruction
 - Hernia Repair
 - Open Simple Prostatectomy
 - Lumpectomy
 - Wilm's Tumor Resection
 - Lypoma Resection
 - Orchiectomy
- Medical students were the primary team members responsible for all pre-op and post op care



Surgical Trip





Women's Health Trip

- The Central Plateau has the highest maternal mortality of any region of Haiti



- Focused trip in Fall 2010
 - Partnership with MD Anderson
 - Cervical cancer trips with more surgical focus



Student-Led Research Efforts

- Child Nutrition – 2007, 2008
- H. pylori – 2009
- Future: Community Hypertension - 2010



Mental Health Field Research

- First long-term, “embedded” research project
- Developed out of findings from analysis of medical trip data
- Multi-disciplinary approach
- Institutional support from the Global Health Institute

Emory Global Health Institute



EMORY UNIVERSITY





Where next?

- Request from Project Medishare to expand our research activities
- Growing need for mobile clinics
- Emphasis on follow-up
- Our solution: Better integration of Community Health Workers (CHWs)



Meeting with CHWs





Future: Research

- Hypertension study
 - Blood pressure monitoring
 - Drug information manual
- Continue nutrition study

- New study ideas:
 - Rehabilitation
 - Community-acquired water-borne infections



Project Casse

2006

- Are we making a lasting difference?

2007

- Would you rather we just gave you the money?

2008

- Project Casse

Project Casse:
A Sustainable, Continuous Health Care
Model for the People of Casse



Casse Clinic, Tomorrow

● **PHASE I**
Renovating
Existing Clinic

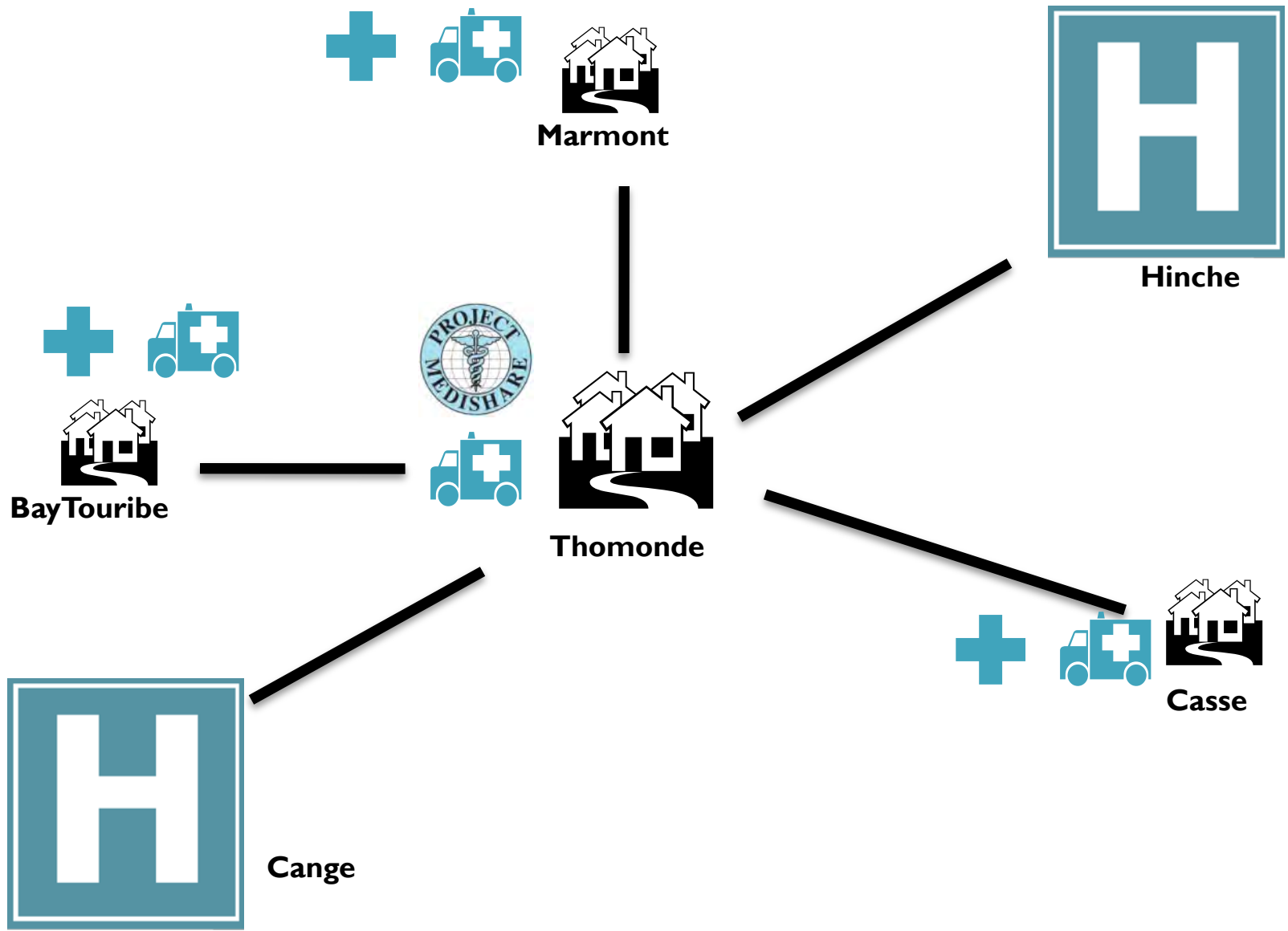
● **PHASE II**
Construction of
Maternity Ward

● **PHASE III**
Construction of
Physician's
Residence





Project Medishare Long-Term Plan





“The great end of life is not knowledge but action.”

- Thomas Huxley





The Emory Medishare Team 2009-2010

Medical

Kiersten Derby
Patricia Engel
Constance Harrell
Woon Cho Kim
Katie Lee
Denise McCulloch
Josh Shak
Jamie Sodikoff
Kyle Tiemeier
Lydia Wright

Urology / General Surgery

Amanda Cai
Pete Creighton
Jonathan DeOlano
Kristen Dunbar
Lenora Higginbotham
Lee Hugar
Colleen McIntyre
Stef Reiff
Marla Wardenburg

Women's Health

Katy Ansell
Jess Cohen
Megan Cohen
Antoinette Nguyen
Bridge Spelke
Sarah Rae Strunk
Laura Thomason

Physicians:

Jen Burzawa (MDACC; OB/GYN)
Viraj Master (Emory; Urology)
Matt Schlumbrecht (MDACC; OB/GYN)
Rick Spurlock (Emer Medicine)
Parminder Suchdev (Emory; Pediatrics)
Matt Wheatley (Emory; Emer Medicine)

Executive Committee

Sameer Kapadia
Ira Leeds
Sandy Zaeh