Mission

- To strengthen the capacity of individuals and organizations to lead program and social change that will improve population and reproductive health outcomes
History

• Founded in 1999
• Funded by the Gates Foundation

Founding faculty: Drs. Henry Mosley and Laurie Schwab Zabin

April 2007 visit of Bill Gates Sr., here with Gates Partners
Capacity – Building Program Activities

- **Orientation**
  - Collaborative
  - Low resource settings, primarily in Africa

- **Activity areas**
  - Research
  - Training
  - Advocacy and practice
Academic Partnerships

- Kwame Nkrumah University of Science and Technology, Ghana*
  Community Health Department and Obstetrics and Gynecology, Department, School of Medical Sciences

- University of Ibadan, Nigeria*
  Center for Population and Reproductive Health, College of Medicine

- Obafemi Awolowo University, Nigeria*
  Community Health, and Demography and Social Statistics

- Addis Ababa University, Ethiopia*
  School of Public Health

- University of Malawi
  Center for Reproductive Health, College of Medicine

- Assiut University, Egypt
  Public Health and Community Medicine Department

- Makerere University
  Family Health and Development Research Center
  School of Public Health

*Mentoring other national universities
Contributing to the Evidence Base

Maternal deaths averted by contraceptive use: an analysis of 172 countries
Saifuddin Ahmed, Qingfeng Li, Li Liu, Amy O Tsui

Increased risk of incident HIV during pregnancy in Rakai, Uganda: a prospective study
Ronald H Gray, Xianbin Li, Godfrey Kigozi, David Serwadda, Heena Brahmbhatt, Fred Wabwire-Mangen, Fred Wabwire-Mangen, Christopher Kiddugavu, Nelson Sewankambo, Thomas C Quinn, Steven J Reynolds, Maria J Wawer

Unwanted fertility among the poor: an inequity?
Duff Gillespie, Saifuddin Ahmed, Amy Tsui & Scott Radloff

Differences in Young People’s Reports of Sexual Behaviors According to Interview Methodology: A Randomized Trial in India
Jaya, DiPh, MBBS, Michelle J. Hindin, PhD, and Saifuddin Ahmed, PhD, MBBS

Contraceptive Discontinuation and Failure and Subsequent Abortion in Romania: 1994-99
Andreea A. Creanga, Rajib Acharya, Saifuddin Ahmed, and Amy O. Tsui


American Journal of Public Health
January 2008, Vol 98, No. 1
Research & Publications

- **Contributing to the Evidence Base**
  Maternal deaths averted by contraceptive use: an analysis of 172 countries
  Saifuddin Ahmed, Qingfeng Li, Li Luo, & Amy O. Tsui

Duff Gillespie, Saifuddin Ahmed, Amy Tsui, & Scott Radloff

Contraceptive Discontinuation and Failure and Subsequent Abortion in Romania: 1994-99
Andreea A. Creanga, Rajib Acharya, Saifuddin Ahmed, & Amy O. Tsui
Family Health and Wealth Study

- Conducted by Gates Partners
- Sample of 4701 peri-urban families to be followed up over 3 years
  - Ghana (800)
  - Uganda (505)
  - Nigeria 1 (502)
  - Nigeria 2 (787)
  - Malawi (605)
  - Ethiopia (954)
  - Egypt (548)

Main hypothesis: Family size (timing and number of children) influences family wealth and health.
PMA2020 is designed to facilitate annual progress reporting in support of the goals and principles of FP2020 across 10 countries in Africa and Asia, using an innovative mobile-Assisted Data and Dissemination System (mADDS) that:

- Employs innovative mobile technology
- Supports low-cost, rapid-turnaround surveys
- Generates annual (or semi-annual) indicators
- Is expandable to other health sectors
- Provides consistency with Demographic and Health Survey measures...
- ...and introduces new indicators of quality, choice, access
- Creates community feedback loop to prompt program improvement
- Strengthens local capacity
  - Implemented by network of universities/research institutions
  - Establishes a network of resident enumerators

**Countries:**

- **Year 1:** Ghana, Ethiopia, DR Congo, Kenya, Uganda
- **Year 2:** Burkina Faso, India (UP), Indonesia, Nigeria, Senegal
What is mADDS?

The mobile-Assisted Data and Dissemination System (mADDS) uses the Open Data Kit software on mobile devices to gather data and update indicators. It uses a sentinel area design to monitor performance over time. Data are collected at both households and facility levels via mobile phones through a network of sentinel resident enumerators in 100-250 nationally representative clusters. In real-time, data are validated, aggregated and prepared in tables, graphs, and maps.
What is mADDS?

Key indicators and visuals can also be transferred via GPRS back to the community.

In real-time, data are validated, aggregated, and prepared in tables, graphs, and maps.

...which are pushed out for use by community and other stakeholders.

Central server: data aggregation & database

Data management

Sentinel Enumerator

Data validation & analyses

...and transfers these data via GPRS networks.

Service Delivery Points

Households

What is mADDS?

Sentinel Enumerator...

...uses a mobile phone to collect data in her community.
Leadership Fora

2013 3rd International Conference on Family Planning (Addis Ababa, Ethiopia)
Ministers of Finance Meeting on the Demographic Dividend in Abidjan, Cote d’ivoire

2011 2nd International Conference on Family Planning (Dakar, Senegal)

2009 1st International Conference on Family Planning (Kampala, Uganda)

2008 International Research Conference on Youth Health and Development

2006 International Meeting on HIV and RH Integration

2005 International Obstetric Fistula Conference

2004 Parliamentarian Leadership Seminar

2003 Developing the Next Generation of FP/RH Providers (with Jhpiego)

2002 Family Planning in New Worlds
Updates on the 2013 International Family Planning Conference in Addis Ababa, Ethiopia; co-hosted by the Bill & Melinda Gates Institute and the Ministry of Health of Ethiopia

- 15-18 concurrent sessions/day and 267 poster presentations; number of submissions doubled from 2009
- 45 organizations from the International Steering Committee and the National Steering Committee in Ethiopia
- Speakers include Heads of State, Ministers, Parliamentarians, Youth, Researchers, CEOs from NGOs, Technical Experts and Program Leaders
- 3,500 delegates expected
Demographic Dividend

• Research on:
  – Child mortality decline and timing of fertility decline
  – Return to investment in satisfying unmet need
  – Birth spacing where contraception and nutrition can improve maternal and child health outcomes including cognitive development
  – Impact of changing dependency ratios on health and economics
  – Country-specific case studies (10 countries)
Demographic Dividend

Translating evidence to policy, program and practice

• Advocating for increased resources for reproductive health
  – Networking “champions” for RH
    • Advocacy Nigeria
  – Partnership
    • Africa Union on Maputo Programme of Action in SRH (2006)
  – Improving Contraceptive Method Mix in Indonesia (ICMM) – Operations Research (2012-2016)
Advance Family Planning (AFP)

- **AFP** is an advocacy initiative that aims to
  - increase funding for family planning
  - ensure family planning funds are better spent
  - address policy barriers
  - increase visibility of family planning among policy makers, especially in developing countries

**AFP Consortium**

- Johns Hopkins Bloomberg School of Public Health
- African Women’s Development Fund
- Partners in Population and Development
- Futures Group International

**AFP Countries**

- Indonesia
- Tanzania
- Uganda
- Ethiopia
- India
- Kenya
- Nigeria
- Pakistan
- Senegal
How the Institute Engages Students

• Research assistance on faculty-initiated studies
• Teaching assistance
• Gates dissertation research award
• Research assistance on projects (Advance Family Planning, PMA2020, Demographic Dividend)
• Gates international internships
Gates International Student Internships

• Applications accepted from students school-wide but priority for awards goes to PFRH students

• See www.jhsph.edu/gatesinstitute/IL/fs for application information

• Informational meeting in spring

• Annual deadline: March/April

• Contact Gates Training Coordinator Monnie (aheminth@jhsph.edu)
Where Gates Interns Have Gone: 2004-2011

- Uganda (4)
- Ethiopia (6)
- Ghana (13)
- Peru (1)
- Pakistan (2)
- Vietnam (1)
- Nigeria (2)
- Philippines (1)
- Guinea (1)
- Cameroon (1)
- India (1)
- Nepal (1)
- Vietnam (1)
- Mozambique (1)
- Malawi (10)
Scholarship and Science for Social Change

Thank you