

# The Laboratory for Global Health Observation



# The University of Alabama - Birmingham

## Laboratory for Global Health Observation (LGHO)

- Opened September 2007
- Directed by Sarah Parcak, PhD (Dept. Anthropology)
- Result of partnerships with 7 UAB Schools (Social and Behavioral Sciences, Public Health, Nursing, Health Professions, Dentistry, Medicine, Natural Sciences and Mathematics, Engineering) and Office of VP for Research
- Three year commitment to infrastructure support from the Deans of Social and Behavioral Sciences (Dr. Linney) and Public Health (Dr. Michael) Fall 08.
- Fall 2010 LGHO - UAB Budget Problems - no classes being taught
- 2011 Unknown

## **LGHO Students Fall 2009**

19 students

Anthropology 10

School of Public Health 9

## **LGHO Students Spring 2010**

Anthropology 6

School of Public Health 4

**LGHO Students Fall 2010 - NONE**

*Spring 2010*

1. Donna Burnett: The use of remote sensing as a Decision-making aid for community level water filtration system installations in Haiti
2. Mike Behring: MODIS as a predictive satellite detection system for dust storms and related health issues in Ouagadougou, Burkina Faso and environs
3. Robyn Hyden: Geological analysis of tombs in the Valley of the Kings using multispectral imagery to protect against flood water damage
4. Molly Haight: Long term population change in Cairo from 1974-2010 using ASTER and Landsat satellite imagery
5. Laura Gast: Urbanization and LULC in Karnaraka state, India: 1992-2000
6. Nathan Renneboog: Using free satellite imagery to detect waste tire piles in Alabama: a cost effective way of identifying public health problems from space
7. Joshua Harden: Using ASTER satellite imagery to identify archaeological sites in Egypt's Eastern Delta
8. Cheryl Dawley: ASTER imagery and the identification of illicit poppy fields in Oregon using NDVI
9. Casey Gatlin: Measuring the Quality of life in the city of Birmingham by integrating remote sensing and census variables: A study based on Li and Weng's methodology
10. Mallory Messersmith: LULC from ASTER imagery in Luxor, Egypt