Dear Students,

Each semester the Earth Institute, Columbia University, offers a number of internship and research assistantship opportunities through our various centers and units. Below is a listing of this semester’s offerings.

**Undergraduate Research Assistantships**

1. Climate Change Impacts on forest biodiversity
2. The role of climate change and hypoxia in the sudden emergence of blooms of the dinoflagellate Noctiluca miliaris in the Arabian Sea
3. History and policy in global malaria control: understanding the history of malaria control efforts to design better public policies
4. Arsenic mobilization from bedrock to groundwater
5. Climate information for public health: the role of the IRI climate data library in an integrated knowledge system in Africa
6. Effect of climate change on regional crop insurance
7. A climate and health partnership to inform the prevention and control of meningococcal meningitis in sub-Saharan Africa: the MERIT Initiative
8. Enterococci in the Hudson River: Sources of Contamination at 125th St.: Environmental Issues and Policy Recommendations for the Waterfront Development in Manhattanville
9. Anthropogenic radionuclides in the Atlantic and Pacific Oceans
10. Developing Methods for Laser-Based C14 Analysis
11. 2011 Mississippi Floods: Understanding the climatic context and the disaster response
12. Analysis of how alternative means of visualizing climate and epidemiological data affect the decisions of malaria makers

**Internships (Open to graduate and undergraduate students)**

1. Socioeconomic Data Center: Gridded Population of the World Version 4
2. Reassessing a Suburban Transit Orientated Community: Maplewood, NJ
3. Processing Dataset: Public Health Facilities, Water Points, and Schools in Nigeria
4. Spring Funding Initiatives Internship
5. Climate Center Administrative Support
6. Communications and Administration
7. Dynamical Systems Theory (DST), Peace and Conflict Innovation Lab
8. Supporting the Millennium Cities Initiative
9. Communications, Outreach, and Event Planning for Lenfest Center for Sustainable Energy (LCSE)
10. Climate Change Hazard Mitigation Intern
11. Extractive Industries & Sustainable Development Executive Training Program
12. Analysis of alternative means of visualizing quantitative data for decision making by policy makers in developing countries

The Research Assistantships are only offered to Columbia and Barnard undergraduates and the Internships are available to any Columbia or Barnard undergraduate, graduate, or PhD students. Each of these positions is funded at a rate of $15 per hour for 10 hours per week up to 120 hours for the semester.

Students who are awarded these positions will be expected to participate in the Earth Institute Student Research Showcase in April 2013.

For more information on the Research Assistantships please click here and for more information on the Internships please click here. Information about each position, the hiring centers, and how to apply can be found at each of the above websites.

If you have any questions regarding these opportunities, please email me at nrudder@ei.columbia.edu.

Best,

Nathan Rudder

Senior Program Manager, The Earth Institute