Hello Mr. Witters and Mrs. Berger,

I wanted to let you know about the GHI funded internship opportunities for 15W and 15S with upcoming application deadlines. Would you mind forwarding this on to any students that you think might be interested in domestic or international global health experiences?

I have also attached a flyer for the internships that will be displayed around campus. Would it be possible for me to drop off some copies at your offices in case any students that you meet with are interested?

Thank you,
Diana Wise
GHI Intern

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Center for Disease Control (CDC) Division of Global Migration and Quarantine (15W)

Two undergraduates will be selected for internships at the Division of Global Migration and Quarantine at the CDC to work on one of two projects: the CDC response to the Ebola outbreak or the response to unaccompanied minors arriving from Central America. Students will be assigned to one response team and will primarily be tasked with working with epidemiological data and reporting.

Little Devices Lab at MIT (15W)

The Dickey Center, Thayer School of Engineering, and the Little Devices Lab at Massachusetts Institute of Technology are offering students an 8-week internship. The Little Devices Lab develops empowerment technologies for health. One student will be selected to work on one of the following projects:

- **1) Innovative Solutions:** Funded by the Robert Wood Johnson Foundation, the Little Devices Lab is working with nurses across the country to understand, adapt and build toolsets for "maker nurses" in the US. This approach is derived from the Little Devices Lab approach to working with partners in developing countries to identify and develop solutions for healthcare settings and encourage and empower hospital staff to create their own solutions. Students will have the opportunity to shadow hospital staff at several national and regional hospitals and travel domestically with faculty mentors to understand and implement maker spaces at several hospitals. Students with a background in anthropology, sociology, geography, or engineering are strongly encouraged to apply, but students in any academic field are eligible.

- **2) Diagnostic Tests:** The Little Devices Lab has developed several remote diagnostic kits for use in developed and resource-limited settings. The selected intern works on evaluating assays, performs antibody screening, and designs and fabricates out of paper microfluidic tests for infectious diseases. Students interested in working on this project should have a strong biology and/or chemistry background.

- **3) Solarclave:** Little Devices Lab researchers have invented a device that uses sunshine to sterilize surgical tools. Solarclave provides reliable surgical sterilization for rural clinics outside of the grid – enabling healthcare
workers to provide basic, life-saving services for patients. It uses locally-available materials and manufacturing techniques that are already available in thousands of rural workshops across the world. Its thermodynamic efficiency allows for a small size that is easily transportable to remote clinics and is simple for one healthcare worker to set up. The students working on this project assist in design enhancements including fine-tuning the user interface, co-designing a sun tracker and helping design field experiments for a Central American roll out of the technology. Students interested in this project should have strong mechanical engineering skills.

Population Health and Development in Vietnam (15S)

The Institute of Population Health and Development (PHAD), located in Hanoi, Vietnam, is an interdisciplinary institute with the goal of understanding and improving the human health, especially disadvantaged groups, through research, training and interventions. Dartmouth has partnered with PHAD on several research initiatives (maternal-child health, mental health, and applications of mHealth for improved disease surveillance) and is offering three distinct internship opportunities open to undergraduate, graduate and medical students.

Three students will be selected. Unless otherwise stated, students must be enrolled for the term following the internship. The internships will last 4-8 Weeks (minimum 4 for Geisel students, 8 weeks for undergraduates) and will take place in Hanoi, with travel to northern provinces.

The deadline to apply for these opportunities is October 15th!

For more information and application requirements please visit: [http://dickey.dartmouth.edu/health/funding-opportunities](http://dickey.dartmouth.edu/health/funding-opportunities) or blitz Global.Health.Initiative@dartmouth.edu

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Funded Global Health Opportunities for 15W and 15S

**WINTER 2015**

[Dartmouth Centers for Disease Control and Prevention](http://www.cdc.gov)

Two undergraduates will be selected for internships at the Division of Global Migration and Quarantine at the CDC in Atlanta, GA to work on one of two projects:

- The CDC response to the Ebola outbreak
- The response to unaccompanied minors arriving from Central America.

Students will be assigned to one response team and will primarily be tasked with working with epidemiological data and reporting.

**SPRING 2015**

**Institute for Public Health and Development (Vietnam)**

The Institute of Population Health and Development (PHAD), located in Hanoi, Vietnam, is an interdisciplinary institute with the goal of understanding and improving the human health, especially disadvantaged groups, through research, training and interventions. Dartmouth and PHAD are offering three distinct internship opportunities open to undergraduate, graduate and medical students on the following topics:

- Maternal and child health
- Mental health
- Applications of mHealth for improved disease surveillance

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**WINTER 2015**

[LITTLE DEVICES @ MIT](http://little-devices.mit.edu)

The Dickey Center, Thayer School of Engineering, and the Little Devices Lab at Massachusetts Institute of Technology are offering undergraduate students an 8-week internship. The Little Devices Lab develops empowerment technologies for health. One student will be selected to work on one of the following projects:

- Building toolsets for “maker nurses”
- Creating diagnostic kits for use in developed and resource-limited settings
- Enhancing the Solarclave device that uses sunshine to sterilize surgical tools
Funded Global Health Opportunities for 15W and 15S Apply by October 15th!

For more information please visit:
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WINTER 2015
SPRING 2015
WINTER 2015

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