Epidemiology, the study of the frequency, distribution, and determinants of disease in humans is a fundamental science of public health. Epidemiologists use many approaches, but the ultimate aim of epidemiologic research is the prevention of human disease.

The department of Epidemiology is the largest department within the School in terms of the number of faculty, students and research support, including over 100 faculty and researchers. The department offers 12 areas of interest ranging from cancer to infectious disease to molecular and genetics. The department works closely with other school departments; however special relationships with biostatistics and nutrition were developed to promote training opportunities, teaching and research.

Students attend Harvard University from all over the world, and so our Epidemiologic studies have become global too. Globalization has also encouraged the department to initiate cohort studies in Africa (Tanzania, Nigeria, South Africa, Uganda), Asia (China) and Europe (Scandanavia).

The department recognizes the importance of diversity in public health and is committed to providing opportunities that provide exploration into the field of epidemiology. Funding opportunities for master’s and doctoral level training are also enclosed.

If you have any questions about epidemiology or any of the opportunities offered within the department, please contact either:

Felisa Nobles, Outreach Manager
Center for Communicable Disease Dynamics
Department of Epidemiology
Fnobles@hsph.harvard.edu
617 432-1498

John Paulson, Assistant Director of Graduate Studies
Department of Epidemiology
Jpaulson@hsph.harvard.edu
617 432-1055

Opportunities are partially funded through:
Models of Infectious Disease Agent Study

MAILING ADDRESS:
Harvard School of Public Health
Department of Epidemiology
677 Huntington Avenue
Boston, Massachusetts 02115
SUMMER PROGRAM IN EPIDEMIOLOGY

The four week summer program provides students with exposure to public health and the skills researchers utilize to investigate diseases and outbreaks. The program provides an overview of methods, principles and quantitative reasoning skills that are fundamental to epidemiology. The curriculum consists of three parts: an intro course on epidemiology and public health, formal lectures, which are provided by faculty members with different foci in epidemiology ranging from cancer to infectious disease, and a group research project where students will investigate a question of public health relevance that interests them. Students will learn about the key components of public health such as data collection and factors of a good research study, but ultimately, the program promotes overall public health awareness.

Students will receive a summer salary, accommodations and roundtrip airfare. This is a four week program during the month of June.

Eligibility
In order to take advantage of this opportunity, applicants must determine their eligibility:

- Applicants must be U.S. citizens, U.S. nationals, or permanent residents of the U.S.
- Applicants must be from an underrepresented group in biomedical research, which includes:
  - First generation college students; students with disabilities; low-income college students; students from racial and ethnic groups that are underrepresented, such as Blacks or African Americans, Hispanics or Latinos, American Indians or Alaskan Natives, and Native Hawaiians and other Pacific Islanders.
- Applicants must have a GPA of 3.0 or above.
- Applicants must be from a quantitative science background, such as math or biology. OR have taken several quantitative courses such as calculus.
- Applicants must have a demonstrated interest in epidemiology.

The deadline for this opportunity is February 15, 2013.

To apply:
- Go to http://ccdd.hsph.harvard.edu and click on the opportunities tab.
- Please download and complete the application form from the Summer in Epidemiology Program webpage.
- In addition, please submit:
  - Transcripts
  - Two recommendation letters
  - Resume
  - One page personal statement

Please return this information to either Felisa Nobles or John Paulson.

FUNDING OPPORTUNITIES

The department of epidemiology also has funding opportunities for students to pursue a graduate education at the Harvard School of Public Health.

Infectious disease epidemiology provides a rare opportunity for students to obtain rigorous training both in traditional methods for epidemiologic studies, and in mathematical modeling and other approaches to study the mechanisms of transmission. Coursework bridging these areas is reinforced by ongoing collaborations within the department, and between epidemiologists and bench scientists who can measure parameters relevant to epidemiologic models.

The infectious disease epidemiology concentration offers funding for prospective students, graduate coursework, and postgraduate work, which include:

- Two year Master’s scholarships
- Doctoral training funding
- Travel scholarships
- Postdoctoral positions

Funding opportunities are located here: http://ccdd.hsph.harvard.edu/opportunities

In addition to opportunities in infectious disease there are other areas within Epidemiology, which offer funding for doctoral training in the following areas:

- Cancer Epidemiology
- Cardiovascular Disease Epidemiology
- Environmental Epidemiology
- Nutritional Epidemiology of Cancer
- Reproductive, Perinatal, Pediatric Epidemiology

To learn more about infectious disease epidemiology please visit http://idepi.hsph.harvard.edu

To learn more about these opportunities please visit:
http://www.hsph.harvard.edu/departments/epidemiology/funding-opportunities/students/index.html