



Marshfield Clinic

Research Foundation

Epidemiology

Summer Internship Opportunity

May 27 – August 15, 2014

Featured Alum



Allen Bateman (2011) is now an NIH Fogarty Global Health post-doctoral research fellow in Zambia, a very rewarding experience that he believes would not have been possible without the Marshfield Clinic Research Foundation Summer Student Research Internship Program. He is using skills that the epidemiology and public health program helped develop to substantially contribute to his current research on influenza, human papillomaviruses, and cervical cancer.

"This experience allowed me to apply the theoretical information I gained in my graduate school epidemiology courses toward the influenza vaccine research projects. This application really brought the epidemiologic concepts to life, and further persuaded me that applied public health research is where I belong."

The Marshfield Clinic Research Foundation (MCRF) is the largest private medical research institute in Wisconsin. MCRF is the research division of Marshfield Clinic, an integrated multispecialty health care system with over 750 physicians and 45+ regional centers. MCRF has offered summer research internship opportunities to qualified students since 1974.

The primary goal of the 12-week Epidemiology and Public Health program is to provide a mentored, hands-on research experience for students currently enrolled in a masters or doctoral program in epidemiology or public health. Students work with a research scientist on an epidemiology project in cancer, cardiovascular disease, infectious disease, vaccine safety, or health services research, depending on the interests of the student and available projects. The student's role in the project may include review of the scientific literature, help with study design or project planning, data collection and analysis, and manuscript preparation. Towards the end of the program, students will prepare an abstract describing their research and present orally at the annual Research Symposium. In addition to the independent project, students will have the opportunity to be involved with other epidemiology projects including the US Flu Network, Vaccine Safety Datalink, Marshfield Epidemiologic Study Area, and the HMO Research Network.

Knowledge of epidemiologic methods, prior experience with statistical software, and excellent written and verbal communication skills are necessary. Students will use SAS statistical software for data analysis. In many cases, the summer research project can serve as the capstone project or thesis if required for their masters degree program.

Potential projects include the following:

- Clinical and device therapy outcomes in patients receiving Implantable Cardioverter Defibrillators (ICDs) for primary prevention of sudden cardiac death
- Tdap vaccine effectiveness against pertussis among adolescents
- Trends in antiviral and antibiotic prescriptions among persons with and without influenza

For additional information and application procedures, please visit the program website at:
http://tiny.cc/MCRF_SSRIP

Application Deadline: January 15, 2014