Post Graduate Fellowships Available for Hydropower Research

The Hydro Research Foundation, Inc. (Foundation) is leading the Hydro Fellowship Program that is designed to stimulate new student research and academic interest in research and careers in conventional or pumped storage hydropower. These Fellowships are designed to allow outstanding early-career researchers to facilitate research related to hydropower. Research undertaken by the Foundation and its Fellows seeks to advance knowledge about hydroelectric technology, including efficiency improvements and environmental mitigation. Through this program the Foundation is promoting educational opportunities and information development related to hydropower. Innovation, creativity and forward-thinking research are encouraged.

The Hydro Research Foundation is accepting applications for the 2012 Fellowship Program. The foundation will fund 7-12 fellowships worth $46,400 to $79,600 and are open to graduate students who will complete their Masters degree or post-Masters research by December 30, 2013.

Eligibility

Eligible applicant must have completed at a minimum a bachelor’s degree by the start date of the fellowship.

Applicant must be a full-time student at a U.S. university in one of the following programs: Masters Degree, or a post-Masters graduate research fellow.

The expectation is that the applicant must be a full-time student who will be able to complete their Masters or a post-Masters graduate research fellow by December, 2013.

Deadline to apply is March 1, 2012.

For more information and to apply, please visit the Hydro Research Foundation website:

http://www.hydrofoundation.org/fellowshipAppInfo.html

Questions? Contact Brenna Vaughn: Brenna@hydrofoundation.org

The Foundation will award up to 33 fellowships to masters and doctoral degree students throughout the United States over the life of the program. Twenty-three students from 15 universities were awarded the first fellowships between 2010 and 2011. Fellows are selected based on research vision, innovation, academic performance, potential for leadership and overall strength of their research proposal. The Fellowships are made possible by a $3 million four-year grant from the Wind and Waterpower Technologies Program of the U.S. Department of Energy (DOE). The areas of research include soil and rock mechanics, hydrologic modeling, operational optimization, fish passage, water quality, integration of hydropower with other renewables, feasibility of low-head, micro and conduit hydropower, environmentally friendly lubricants, and water variability due to climate change.

The fellowships include a tuition allowance, living stipend, professorial honorarium, and participation in the annual Hydro Fellows Roundtables. Each Fellow has mentors from the Foundation and the hydropower industry. The fellows’ final research results will be web-published and presented at a national conference. The Foundation is seeking mentors, partners, and career opportunities for future fellowships.