SUMMER 2015 INTERNATIONAL RESEARCH OPPORTUNITY FOR UNDERGRADUATES: RENEWABLE ENERGY IN EUROPE (DENMARK, SPAIN, SWITZERLAND, BELGIUM)

The WINDINSPIRE project has been funded by the National Science Foundation (NSF) under their Partnerships for International Research and Education since 2012. Following successful experiences during the summer of 2014, there are several openings for undergraduate research experiences in Europe available in the summer of 2015. Undergraduate students in engineering and science who have an interest in research and issues surrounding the use of wind energy to produce electricity, and who have taken courses in fluid mechanics, economics, control, or optimization are encouraged to apply. The research opportunity includes a stipend valued at $6,500 to be used for airfare, living expenses and conference registration as needed.

Research sites may include: the Danish Technical University (near Copenhagen), the Pontifical Catholic University (Madrid), the Swiss Institute of Technology of Lausanne (EPFL, near Geneva) or Katholieke Universiteit (KU) Leuven in Belgium near Brussels. Work will be conducted primarily or entirely in English, and will be with top international researchers in wind energy-related fluid mechanics, electric power systems, and energy economics. Courses in wind energy are available at some sites as well.

Applications are being accepted immediately. Please include with your application the following materials: (1) a cover letter with an explanation of your interest and any experience in wind or other renewable energy systems; (2) your resume; (3) unofficial copies of your transcript; and (4) the names, titles, and contact information for two references. The application deadline is January 30, 2015. Send the material to Ms. Shahin Zand, Administrator of WINDINSPIRE, szand@jhu.edu. For technical questions, you can contact Prof. Charles Meneveau, PI WINDINSPIRE, meneveau@jhu.edu or Prof. Ben Hobbs, project CoPI and Director, E3SHI, Dept. of Geography & Environmental Engineering, JHU, bhobbs@jhu.edu.

Applications will be considered from eligible undergraduate students from any of the partner universities (JHU, Texas Tech, Smith College, and the University of Texas at Dallas), and if specifically invited, from other US universities.

Consistent with the NSF solicitation that states that a significant portion of funding should fund U.S. citizen or green-card holder students, U.S. citizens and permanent residents are encouraged to apply.

Visit http://windinspire.jhu.edu for more information about WINDINSPIRE.