2016 Summer Undergraduate Internship on Thermal Biology (based at NGRREC with field work in Iceland)

We are seeking an outstanding undergraduate student (sophomore, junior, senior years) for a paid internship through the National Great Rivers Research and Education Center (www.ngrrrec.org). The intern will be supervised by Dr. Carl Cloyed and Dr. Anthony Dell and will be based in the www.dellecologylab.org. The internship will be located at NGRREC’s field station on the banks of the Mississippi River in East Alton, IL, including a 3-week field expedition to the Hengill watershed in southwestern Iceland. The Hengill system comprises streams of varying temperature, due to their different geothermal properties, making it an excellent natural laboratory for addressing questions about thermal adaptation and acclimation. The intern will run experiments using novel methods in computer vision (see Dell et al 2014. TREE) to explore the thermal acclimation of movement and behavior in aquatic macroinvertebrates.

The role of the intern will be to perform their own experiments on thermal acclimation and to contribute to other experiments our lab and collaborators are undertaking at the Hengill system. The intern will assist in preparation of the expedition, analysis of results, and in the writing and submission of any resultant manuscripts (a commitment which would extend beyond the 8-week internship). The intern will work both independently and collaboratively. The intern will be provided a generous summer stipend. Housing in Iceland and flight to Iceland will be provided. Travel to Illinois and housing in Illinois will be reimbursed.

To apply, please send a cover letter addressing relevant skills and interests (ecological fieldwork experience, international travel, and living in remote locations), academic experience, and academic ambitions, a CV, and unofficial academic transcripts to ccloyed@lc.edu. The search is open immediately, and will close when filled (it must be filled by 01/09/16). Please contact cloyed@lc.edu or adell@lc.edu for further information.