

## **Seeking to fill Post-Doctoral and Ph.D. Positions in Ecohydraulics – University of Central Florida, Orlando**

The University of Central Florida anticipates hiring two positions in the area of Ecohydraulics to support a NSF-funded research project:

(1) A **Post-Doctoral Research Scholar** position is available for a 24-month period with the possibility of extension, pending funding availability. The successful candidate will be based in the Water Resources Engineering group in UCF's Department of Civil, Environmental, and Construction Engineering in Orlando, Florida and will collaborate with diverse project members on an interdisciplinary research project. The candidate will support a NSF-funded research project focused on feedbacks between hydraulic processes, vegetation (mangroves, SAV and emergent marsh grasses), oyster reefs and sediment transport within aquatic restoration sites.

The fellowship provides two years of salary contingent upon successful progress in year one. Release time and an independent travel allowance is granted for the successful candidate to develop her/his own projects and joint research proposals. The start date for this position will be no later than June 1, 2017. Candidates available to start earlier will be preferred.

### **PREFERRED QUALIFICATIONS AND EXPERIENCE**

- Ph.D. in Water Resources, Civil, Environmental, Biological or Ecological Engineering, or in a related area (Hydrology, Geomorphology or other relevant Earth Sciences) from an accredited institution before June 1, 2017.
- Quantitative background, including experience with coding and analysis in MATLAB, R, Python, and/or Fortran.
- Strong background (both coursework and professional or research experience) in hydrology/hydraulics.

- Interest or relevant experience in Ecohydrology or Ecohydraulics.
- Excellent oral and written communication skills and a strong academic record of scholarly work in international journals and scientific meetings.
- Field experience in aquatic environments (boating experience a plus).
- Experience with acoustic velocimetry (ADCP, ADV).
- Willingness to be a team player. Please see details here: <http://ecohydraulics.weebly.com/join-us.html>

#### APPLICATION PROCEDURE

Please send a cover letter, CV, writing sample (preferably published work on which you are the first author) and the names and contact information for three references able to provide letters of recommendation upon request to Dr. Kelly Kibler at [kelly.kibler@ucf.edu](mailto:kelly.kibler@ucf.edu). Applications will be received until the position is filled, with applicants prior to March 1 given the strongest consideration. Applicants available to meet in person at the American Geophysical Union Fall meeting in San Francisco should email Dr. Kibler before Dec. 11, 2016 to schedule a brief interview.

- (2) A funded **Ph.D. Graduate Research Assistant** position is available starting Fall 2017. The successful candidate will study towards a Ph.D. in Civil Engineering in the Water Resources Engineering group at UCF's Department of Civil, Environmental, and Construction Engineering. The selected candidate will support a NSF-funded, interdisciplinary research project focused on feedbacks between hydraulic processes, vegetation (mangroves, SAV and emergent marsh grasses),

oyster reefs and sediment transport within aquatic restoration sites. Students available to start their field work during the summer field season (May-August) as hourly employees are preferred.

#### PREFERRED QUALIFICATIONS AND EXPERIENCE

- M.Sc. degree in Water Resources, Civil, Environmental, Biological or Ecological Engineering, or in a related area (Hydrology, Geomorphology or other relevant Earth Sciences) from an accredited institution before August 2017.
- Strong quantitative background (both coursework and professional or research experience) in hydrology/hydraulics. Experience with coding and analysis in MATLAB is a plus.
- Interest or relevant experience in Ecohydrology or Ecohydraulics.
- Excellent oral and written communication skills. Prior record of published scholarly work is a plus.
- Field experience in aquatic environments (boating experience a plus).
- Experience or interest in acoustic velocimetry (ADCP, ADV).
- Willingness to be a team player. Please see details here: <http://ecohydraulics.weebly.com/join-us.html>

#### APPLICATION PROCEDURE

Applicants must apply and be accepted to UCF's Department of Civil, Environmental, and Construction Engineering. If you plan to apply, please send a cover letter, CV, and writing sample (preferably work on which you are the first author) to Dr. Kelly Kibler at [kelly.kibler@ucf.edu](mailto:kelly.kibler@ucf.edu). Applicants available to meet in person at the American Geophysical Union Fall meeting in San Francisco should email Dr. Kibler before Dec. 11, 2016 to schedule a brief

interview.

-- Kelly Kibler Assistant Professor

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