

Job Description

Job Title Research Associate

Job ID 23027

Location St. Petersburg, FL

Full/Part Time Full-Time

Regular/Temporary Regular

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Position Details

Dept Number/Name: 0-2500-000/College of Marine Science

College/Division: Academic Affairs-College Marine Science

Salary Plan: Faculty

Hiring Salary/Salary Range: \$60,000-\$70,000

Position Number: 00006520

Position Summary.

The College of Marine Science, University of South Florida, seeks a PhD level Research Associate in coastal ocean circulation modeling and analyses. Successful candidates will engage in a coordinated program of observations and models toward understanding and forecasting the circulation of the west Florida continental shelf (WFS) and the interactions that link the estuarine, coastal, and deep-ocean environments. Presently maintained are automated, daily, nowcast/forecast modeling systems for the circulation on west Florida continental shelf, inclusive of its major estuaries, and a higher resolution version for the greater Tampa Bay region. Both of these modeling systems employ nesting of the Finite Volume Community Ocean Model (FVCOM) in the Hybrid Coordinate Ocean Model (HYCOM). These modeling systems are in coordination with an array of in-situ observations. We are interested in further improvements to these systems, plus the addition of attributes such as wave-current interactions, sediment transport, primary productivity and data assimilation.

Successful candidates will work as part of a coordinated team within the CMS-USF Ocean Circulation Lab in St. Petersburg, FL (see <http://ocgweb.marine.usf.edu> and <http://comps.marine.usf.edu> for programmatic examples).

Minimum Qualifications: Master's degree from an accredited institution with demonstrated record of academic research achievement, or professional qualifications in the field of specialization above those which would be equivalent to the highest degree. Must meet university criteria for appointment to the rank of Research Associate.

Preferred Qualifications: PhD in Physical Oceanography (or related field) with a demonstrated background in Geophysical Fluid Dynamics. Demonstrated experience working with the Finite Volume Community Ocean Model (FVCOM).

*Initial appointment is for one year, with extensions desirable based on performance and funding availability.

For information regarding this available position, please contact Dr. Robert Weisberg, Distinguished University Professor, weisberg@usf.edu. Please also visit www.marine.usf.edu.

USF St. Petersburg

Information for Applicants

This position is subject to a Level 1 criminal background check.

Job Opening Number: 23027

Posting Date: 09/27/2019

Posting End Date: 10/11/2019

How To Apply

Click on the **Apply Now** button. When applying to an opening you will have the opportunity to upload a cover letter, curriculum vitae, and other requested documents.

Apply online by completing the required information and attaching your cover letter, statement of research interests and experience, curriculum vitae, and contact information for three referees. Please include your experience as it relates to the qualifications stated above. YOUR COVER LETTER, CV, PLUS ALL OTHER REQUESTED MATERIAL, MUST BE IN ONE ATTACHMENT. Only online applications are accepted for this position.

Click [here](#) for additional tutorial information.

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Work Location

Campus map and location overview: [USF - St. Petersburg Campus](#)

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