To: To Whom It May Concern

From: Faculty Search Committee, Department of Scientific Computing

Subject: Tenure-Track Faculty Position in Computational Science

Date: October 11, 2022

The Department of Scientific Computing at Florida State University invites applications for a tenure-track Assistant Professor position for nine-month appointments beginning August 2023. Academic year requirements include teaching, research, and service.

The Department of Scientific Computing is a self-contained university unit, whose faculty members consist of biologists, computer scientists, engineers, geneticists, material scientists, mathematicians, and physicists. Such a varied representation among disciplines creates rich opportunities for research and collaboration within the Department and with other research centers across Florida State University. The Department offers undergraduate and graduate programs in computational science that provide students with innovative, hands-on, multi-disciplinary training.

Responsibilities

The successful candidate is expected to develop an interdisciplinary research group in data assimilation or optimal control in application to problems in natural sciences and/or engineering, secure external funding, participate and organize scientific initiatives and consortia, and develop and teach new courses in scientific computing and relevant application areas.

Required Qualifications

The successful candidate will have earned a Doctoral degree or the highest degree appropriate from an accredited institution in the fields of Computational Science, Computer Science, Data Science, Engineering, Mathematics, Natural Sciences, Social Sciences, Statistics, or related field with a demonstrated record of achievement in academic research and teaching. The candidate should possess the knowledge necessary to develop and teach courses among the areas of optimization, data assimilation, and differential equations.

Strongly Preferred Qualifications

The candidate will have demonstrated a record of applied interdisciplinary research in scientific computing. The candidate should have expertise in some combination of the following: optimal control, differential equations, data analytics, and computer modeling at scale. Experience in development of external funding programs and an established network of collaborators would be a plus.

Useful Links

The multidisciplinary character of the department offers rich opportunities for exchanging research ideas and facilitates scientific collaboration with other FSU departments and institutes. A list of select academic units of potential interest is provided below.

About Florida State University
Department of Scientific Computing
Department of Earth, Ocean, and Atmospheric Science
Center for Ocean-Atmospheric Prediction Studies
Florida Center for Advanced Aero-Propulsion
Interdisciplinary Data Science Program
Research Computing Center

How to Apply

If qualified and interested, apply to Florida State University at

https://hr.fsu.edu/facultyjobs, Job Opening ID 53143,

or using a direct link,

FSU Job Opening ID 53143.

If you are a current FSU employee, apply via *myFSU>Self Service*.

Applicants are required to complete the online application with all applicable information. Applications must include education details even if attaching a Curriculum Vitae (CV).

Please submit your

1. cover letter,

2. CV,

3. statement of teaching, research and service.

Screening of applications will begin on November 1, 2022. Applications will be accepted until the position is filled.

This position requires that you have four confidential professional letters of recommendation submitted on your behalf. At least one of these letters should address your teaching experience. Follow the steps below to request these letters through our system:

1. After submitting your application, click the *Careers* link;

2. Click the *My References* link;

3. Click the *Send/View Reference Request* button next to the appropriate position; and

4. Follow the steps on that page to send your references a system generated email requesting they submit a letter of recommendation on your behalf.

You may also return to the *My References* link and click on *Send/View Reference Request* to see if your references have responded, add additional references, or resend requests.

Contact

Faculty Search Committee, recruit@sc.fsu.edu