



BROWN TEACHER-SCHOLAR FELLOW IN ENVIRONMENTAL RESILIENCE

Job description

STETSON UNIVERSITY

College of Arts and Sciences

Position: Brown Teacher-Scholar Fellow in Environmental Resilience

Stetson University invites applications for a Brown Teacher-Scholar Fellow within the Institute for Water and Environmental Resilience (IWER) and the Department of Environmental Science and Studies. This position involves a combination of advanced research and undergraduate teaching that is central to Stetson University's liberal learning mission.

The successful candidate will assume a central research role in IWER projects funded through the Florida Sea Grant College Program. Specifically, the Fellow will be a critical part of a project team that is developing socio-economic and environmental damage assessments of coastal flood hazards, scenario modeling of adaptation interventions, consideration of long-term ecosystem services for evaluation of "green infrastructure," and public outreach within partner communities. Most of IWER's effort on these projects will be focused on Volusia County and Cape Canaveral, FL, in direct partnership with the East Central Florida Regional Planning Council. However, the position also involves a larger regional collaboration with university and community partners in Georgia (University of Georgia and Garden City), South Carolina (Clemson University and Georgetown County), and North Carolina (UNC-Wilmington, City of New Bern, and New Hanover County). These regional partnerships provide excellent opportunities for the Fellow to develop high impact scholarship, to achieve important applied outcomes with collaborating communities, and to build upon for future research and early career advancement.

The Fellow will teach one undergraduate course per academic year term (Fall and Spring

semesters) in Stetson's Department of Environmental Science and Studies over the two-year appointment. Specific teaching assignments in the Fellow's area of expertise will be developed in collaboration with the department chair and IWER. The Fellow will also be expected to participate in professional development programs through the Brown Center for Faculty Innovation and Excellence, which includes programs designed to support teaching and course development, career development planning, and other topics. Developing a presence as an active teacher-scholar through joint conference presentations with students, participation in Stetson's annual undergraduate research showcase, hosting of outreach workshops and field days, and other activities that highlight the Fellow's expertise and experiences is encouraged and expected.

Candidates should demonstrate a passion for the highest quality of teaching and research in a dynamic undergraduate learning environment. For more information on our expectation in teaching and scholarship and our support for faculty development, please see the Office of the Provost and Academic Affairs website: <http://www.stetson.edu/provost>.

Qualifications:

Completion of PhD by June 2020 in an environmental science-related field, with specific demonstration of a high level of expertise and experience with interdisciplinary spatial modeling of natural hazards and ecosystem services. The fellow should have proficiency with development and management of large environmental science databases and experience in integrating these datasets into interdisciplinary models within ArcGIS and other geographic information system (GIS) programs. High skill level with geo-spatial modeling, demonstration of research proficiency with ecosystem services using GIS, and enthusiasm to teach and serve as a research mentor to undergraduate students in the setting of a small university are essential.

Experience with one or more modeling applications such as Marxan, REMI, Sea Level Affecting Marshes Model (SLAMM), or InVEST is preferred. However, candidates with demonstrated proficiency in complex geospatial modeling may be considered even if they have not previously used these specific software programs. A record of recent, lead-authored peer-reviewed publications on topics of direct relevance to the job description will be viewed favorably.

Responsibilities:

The Fellow will be assuming a dynamic research, outreach, and teaching role that involves interdisciplinary collaboration within Stetson, across several partner universities in the southeast region, and with local government officials in the project communities. Development of innovative scholarship and outreach successes in collaboration with the overall project team will be a key responsibility and expectation for the Fellow. The Fellow will also have a major role in recruiting, mentoring, and supervising undergraduate student researchers at Stetson as key participants within the project scope and deliverables.

For more information on our expectations in teaching and scholarship and our support for faculty development, please see the Office of the Provost and Academic Affairs website:

<http://www.stetson.edu/provost>.

Institute for Water and Environmental Resilience:

The Institute for Water and Environmental Resilience (<https://www.stetson.edu/other/iwer/index.php>) is a multidisciplinary research and outreach program at Stetson University. Founded in 2015, IWER's mission is to work across the university and broader community to develop impactful research, influence policy-makers, train future leaders, and demonstrate innovative practices for promoting water resource stewardship, societal sustainability, and resilience within social and natural systems.

Department of Environmental Science and Studies:

The Department of Environmental Science and Studies (<https://www.stetson.edu/artsci/environmental-science-and-studies/>) is a dynamic academic program with five core faculty whose expertise ranges from ecology, geography, geology, planning, and spatial modeling. The department emphasizes field-based learning, collaborative student-faculty research, and interdisciplinary approaches for framing and solving complex environmental challenges.

The Cici and Hyatt Brown Teacher-Scholar Fellows Program:

The Fellows Program is the flagship initiative of the Brown Center for Faculty Innovation and Excellence (www.stetson.edu/other/brown-center), a central resource for promoting faculty vitality and vibrancy to advance learning at Stetson University. The Program prepares future faculty leaders who inspire excellence in learning, teaching, research, and outreach; in turn, Fellows leave inspired to lead. During their residency, Fellows will develop in their role as a teacher-scholar through participation in programs offered by the Brown Center for Faculty Innovation and Excellence.

College of Arts and Sciences:

Stetson's College of Arts and Sciences (<http://www.stetson.edu/portal/artsci/>) is the largest and most diverse of the University's colleges and schools; it includes the humanities, social sciences, natural sciences, education, and creative arts. With nineteen academic departments and eight interdisciplinary programs, the College is the liberal arts core of the University. A great strength of the College is its faculty of approximately 140 full-time teacher-scholars. The College offers 31 undergraduate majors and 34 undergraduate minors; six graduate degrees are offered in Education, Counselor Education, and Creative Writing. Every undergraduate major requires a senior research project, giving students the opportunity to design and carry out independent research under faculty mentorship. Our academic programs are shaped by the values of social justice and civic responsibility. All of our courses and programs of study promote engaged learning, whereby students create connections between the classroom or lab and the local, regional, and global community. The academic programs of the College of Arts and Sciences prepare students to live

significant lives, to interact with and positively affect the world around them.

The University:

Founded in 1883, Stetson University (<http://www.stetson.edu>) is a private, selective university comprised of a rich array of liberal arts and professional academic programs. Collectively, Stetson's faculty works with nearly 4,300 students in undergraduate, graduate, and professional programs. The University's historic main campus, located in DeLand, enrolls more than 3,000 students in undergraduate programs in the College of Arts & Sciences, the School of Business Administration, and the School of Music. Stetson University College of Law, Florida's first law school, moved from the main campus to Gulfport in 1954, and, with the addition of the Tampa Law Center, serves approximately 1,000 students working full-time or part-time toward J.D. or LL.M. degrees. Graduate programs offered at the main campus and at Stetson University Center in Celebration include Business, Accounting, Educational Leadership, Counseling, and Creative Writing. Florida's oldest private institution of higher learning, Stetson has regularly been ranked among the best regional universities in the Southeast and was the first private college in Florida to be granted a chapter of Phi Beta Kappa.

Stetson University provides an inspiring education that engages students with rigorous academic and creative study grounded in liberal learning and promotes civic values of personal and social responsibility. Working closely with faculty and with one another, students cultivate abilities to explore issues deeply, think critically, reason empirically, speak persuasively, and connect ideas creatively. Firmly committed to inclusive excellence, our vibrant community of teacher-scholars nurtures the potential of individual students to lead lives of significance and prepares each to meet the challenges of shaping the future—locally, nationally, and globally.

The Community:

DeLand is a picturesque residential community of 32,000 located 20 miles west of Daytona Beach and 35 miles northeast of Orlando. The area offers extensive cultural as well as recreational activities.

Salary: Salary is competitive.

Starting Date: August, 2020

Application:

The Brown Teacher-Scholar Fellow in Environmental Resilience is a non-tenure track faculty position that is jointly supported by research grant funding through the Florida Sea Grant College Program (67% academic year and 2 months of Summer funding) and Stetson University's Cici and Hyatt Brown Teacher Scholar Fellows Program (33% academic year). The position may be funded for up to two (2) academic years pending satisfactory performance and anticipated renewal of grant funds after the first year.

Applicants must submit the following materials for consideration:

1. A cover letter that discusses approaches for conducting collaborative research on environmental resilience within the context of liberal arts university and aspirations for utilizing this Fellow position to develop as a teacher-scholar;
2. A philosophy of research and teaching within a liberal arts environment;
3. A curriculum vitae;
4. College/university transcripts (copies are acceptable for screening);
5. Three letters of recommendation.

In the cover letter, candidates are encouraged to highlight skills and experiences that demonstrate a commitment to social justice, diversity, and inclusion.

Review of applications will begin immediately and continue until the position is filled. A preferred review period for applications will expire on May 15, 2020.

Application materials may be submitted electronically to Dr. Jason Evans at jevans1@stetson.edu, or mailed to the following address:

Jason Evans, Interim Executive Director
Institute for Water and Environmental Resilience
Stetson University
421 N. Woodland Blvd., Unit 8262
DeLand, FL 32723

Stetson University is an Equal Opportunity Employer that affirms cultural diversity and inclusion as a core value of academic excellence at Stetson University. We are committed to achieving equal access in education, employment, and participation through the recruitment and retention of outstanding faculty, staff, and students from diverse backgrounds, and to meaningful academic and intellectual transformation in curriculum, research and service. We are dedicated to actions and policies that foster a community in which individuals with various identities, cultures, backgrounds, and viewpoints work together to create opportunities for engagement through rewarding and fulfilling careers and personal experiences in a culturally and racially diverse society and a globalized world. We strongly encourage members of historically under-represented and economically-disadvantaged groups and women to apply for employment. Stetson University is an EEO, ADA, ADEA, and GINA employer

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Stetson University

Stetson University is located in DeLand, Fla., with a second campus in Gulfport, Fla. and two satellite centers. Founded in 1883 by Henry A. DeLand as the DeLand Academy and later renamed Stetson University to honor its benefactor, John B. Stetson, the university has a **storied history** of leadership, values and significance. The university is home to many Florida firsts, including the first collegiate newspaper, the oldest schools of **business administration** and **music**, the first **college of law** and was the state's first private university to integrate.

But our story is about more than the buildings at our campuses and those who helped build them; it's really about our students.

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Posted: 4/13/2020
Salary: competitive

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