

# Assistant Professor - Artificial Intelligence/Prevention Science (76647)

## JOB DESCRIPTION

The [Institute of Food and Agricultural Sciences](#) is committed to creating an environment that affirms diversity across a variety of dimensions, including ability, class, ethnicity/race, gender identity and expression. We particularly welcome applicants who can contribute to such an environment through their scholarship, teaching, mentoring, and professional service. We strongly encourage historically underrepresented groups to apply.

If an accommodation due to a disability is needed to apply for this position, please call 352-392-2477 or the Florida Relay System at 800-955-8771 (TDD) or visit [Accessibility at UF](#).

This is a 9-month tenure-accruing position that will be 30% teaching and 70% research, available in the Department of Family, Youth and Community Sciences, Institute of Food and Agricultural Sciences, at the University of Florida. This assignment may change in accordance with the needs of the unit. In 2021, UF was ranked the 6th best public university in the United States by US News and World Report, with exceptional research, teaching, and a university-wide commitment to diversity.

This position is part of the University of Florida Artificial Intelligence initiative. The candidate must have expertise in artificial intelligence (AI) with an applied focus on prevention and intervention programs to improve the mental and/or behavioral health of youth and communities. AI expertise may include the use of predictive statistics and machine learning in the analyses of intensive data coming from images, written or spoken text or other forms of intensive longitudinal data in the personalization or optimization of mental/behavioral health prevention programs. Applicants should demonstrate evidence of successful multidisciplinary collaborations in the fields of youth development and/or prevention science. The teaching assignment will include teaching related to the AI certificate program. Tenure will accrue in the Department of Family, Youth and Community Sciences. The faculty member will participate actively in undergraduate education and graduate education by chairing graduate committees, serving on graduate committees, supervising thesis and dissertation research, supervising undergraduate research, and publishing the results with their graduate students. The faculty member will seek contract and grant funding actively to support

their program. The faculty member will engage in Extension activities in their program area.

The successful candidate will engage in scholarly activities related to instruction, including teaching undergraduate and/or graduate courses, advising and mentoring undergraduate and graduate students, participating in curriculum revision and enhancement, seeking funding for the teaching program, supervising undergraduate and graduate research and creative work, publishing teaching-related scholarship, producing learning tools, and engaging in professional development activities related to teaching and advising. Successful candidates must be committed to working with diverse student and community populations and are encouraged to support and participate in the CALS Honors Program, distance education, and international education.

Because of the IFAS land-grant mission, all faculty are expected to be supportive of and engaged in all three mission areas—Research, Teaching and Extension—regardless of the assignment split specified in the position description.

The Department of Family, Youth and Community Sciences is dedicated to promoting diversity, multiculturalism, and inclusion. We are especially interested in candidates who can contribute to the diversity, inclusivity, and excellence of the academic community.

### **Background Information:**

The Department of Family, Youth and Community Sciences (<https://fycs.ifas.ufl.edu>) is an academic unit in the College of Agricultural and Life Sciences, in the Institute of Food and Agricultural Sciences (IFAS) at the University of Florida and has diverse Teaching, Research and Extension education programs.

The Department of Family, Youth and Community Sciences has 30 faculty located on the Gainesville campus. The interdisciplinary FYCS academic program has an undergraduate major with enrollment of over 300 students. The department has a total of 60 graduate students enrolled in the master's degree program and the Ph.D. program in Youth Development and Family Sciences. The unit's sponsored research and Extension activities have generated in excess of \$20 million over the course of the past year. The Department's mission is to enhance lifelong learning and the personal, social, economic and environmental well-being of diverse individuals, families and communities through state-of-the-art Extension, research, and teaching programs. The department encompasses programs in youth development; human development; family science; consumer economics and resource management; community development and sustainability; and human nutrition, food safety, and health. The department engages in

collaborative working relationships with Florida A&M University, Florida State University, and other public and private universities in the state.

AI@UF

## **JOB QUALIFICATIONS**

### **Required:**

A doctorate (foreign equivalent acceptable) in Human Development and Family Science or a closely related discipline (e.g., Prevention Science, Biostatistics, Quantitative Psychology, Education, Psychology, Public Health, Sociology, Criminology) is required. Candidates must have a strong program of research in the application of AI methods to the field of prevention science and youth development. Candidates should have demonstrated skills in verbal and written communication, interpersonal relationships, and procurement of extramural funding. Candidates must be supportive of the mission of the Land-Grant system. Candidates must also have a commitment to IFAS core values of excellence, diversity, global involvement, and accountability.

### **Preferred:**

Postdoctoral experience is desirable; teaching experience; record of extramural funding; evidence of multidisciplinary collaborations with applied social scientists related to mental/behavioral health.

## **INSTRUCTIONS**

**For full consideration, candidates should apply and submit additional materials by August 16th, 2021. The position will remain open until a viable applicant pool is determined.**

### **Nominations**

Nominations are welcome. Nominations need to include the complete name and address of the nominee. This information should be sent to:

Please refer to Requisition # 76647  
Dr. Sarah D. Lynne  
Chair, Search and Screen Committee  
University of Florida

Family, Youth and Community Sciences  
PO Box 110310  
Gainesville, FL 32611  
Electronic Mail: [sarahlynnne@ufl.edu](mailto:sarahlynnne@ufl.edu)

## **Application Information**

- Individuals wishing to apply should go online to <http://apply.interfolio.com/89732> and submit:
  - Cover letter that states the applicant's interest in the position, qualifications relative to the credentials listed above, and how their scholarship is related to application of AI methods to research in prevention science and/or youth development
  - Curriculum vitae
  - Statement of research interests and plans for future research productivity
  - Statement of teaching experience, interests, and philosophy
  - Statement on how the candidate will enhance the diversity and inclusivity of our academic community through research, teaching, and service
  - Contact information (including email addresses) for 3 individuals willing to write letters of recommendation
  - Unofficial transcripts

Selected candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an education institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by [National Association of Credential Evaluation Services \(NACES\)](#).

Hiring is contingent upon eligibility to work in the US. The University of Florida is a public institution and subject to all requirements under Florida Sunshine and Public Record laws.

The [University of Florida](#) is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. We welcome nominations of and applications from anyone who would bring additional dimensions to the university's research, teaching and clinical mission, including women, members of minority groups, protected veterans and individuals with disabilities. The University and greater Gainesville community enjoy a diversity of cultural events, restaurants, year-round outdoor recreational activities, and social opportunities.