



Soil and Water Sciences Dept.
P O Box 110290
Gainesville, FL 32611-0290
(352) 294-3154
(352) 392-3399 Fax

POSITION ANNOUNCEMENT
Requisition: 39105

Title: Assistant Professor – Soil Fertility and Sustainable Nutrient Management

Location: Soil and Water Sciences Dept.
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
Gainesville, Florida

Salary: Commensurate with Qualifications and Experience

Review Date: For full consideration, candidates should apply and submit additional materials by November 16, 2018. The position will remain open until a viable applicant pool is determined.

Duties and Responsibilities

This 12-month tenure-accruing position includes 70% extension (Florida Cooperative Extension Service) and 30% research (Florida Agricultural Experiment Station), available in the Soil and Water Sciences Dept., Institute of Food and Agricultural Sciences at the University of Florida. The assignment may change in accordance with the needs of the unit. The incumbent is expected to develop a nationally-recognized extension and applied research program emphasizing development and delivery of soil and plant nutrient management technologies and recommendations for sustainable agronomic and horticultural crop production. Tenure will accrue in the Department of Soil and Water Sciences.

The incumbent in this position will: 1) develop a highly-visible statewide extension education program in soil fertility and nutrient management addressing critical nutrient management issues such as crop nutrient requirements, soil and tissue testing, nutrient sensors, and nutrient-related environmental concerns (including interdependence with water management); 2) use traditional and innovative outreach tools to educate county extension agents, agricultural producers, allied industry, and state and federal agencies about agricultural Best Management Practices (BMPs) and the 4Rs of nutrient stewardship; and 3) develop an externally-funded applied research program that includes technologies capable of enhancing current nutrient management strategies resulting in increased yields, enhanced crop uptake, greater nutrient use efficiency, and minimized nutrient loss at farm and watershed scales. The incumbent will use crop growth, nutrient uptake, and soil nutrient availability models as the basis to improve UF/IFAS

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fertilizer/soil amendment recommendations that provide sufficient crop nutrition and protect the environment. The incumbent is expected to coordinate statewide BMP and 4Rs education programs for UF/IFAS.

The incumbent will actively participate in undergraduate and graduate education by chairing and serving on graduate committees, supervising thesis, dissertation and undergraduate research, and publishing research results with students. Faculty are encouraged to participate in professional development activities related to teaching and advising and may teach courses and seminars.

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.

Qualifications

Required:

A doctorate (foreign equivalent acceptable) in soil science or a closely related field is required. 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:

Highly desired are: post-doctoral training and extension education experience; expertise in soil nutrient cycling, modeling, soil test calibration/interpretation, and plant nutrient recommendations; ability to develop site-specific nutrient management recommendations incorporating spatial and temporal nutrient variability and crop uptake.

Background Information:

The SWSD is a leader in teaching, research, and extension/outreach programs in management and restoration of soil and water resources. The interdisciplinary nature of SWSD programs provides students and faculty an opportunity to conduct basic and applied research at multiple (molecular to landscape) scales to manage and protect land and water resources and solve environmental problems. Details about the SWSD can be found at: <http://soils.ifas.ufl.edu>

The University of Florida (<http://www.ufl.edu>) is a Land-Grant, Sea-Grant, and Space-Grant institution, encompassing virtually all academic and professional disciplines, with an enrollment of more than 53,000 students. UF is a member of The Association of American Universities. The Institute of Food and Agricultural Sciences (<http://ifas.ufl.edu>) includes the College of Agricultural and Life Sciences (<http://cals.ufl.edu>), the Florida Agricultural Experiment Station (<http://research.ifas.ufl.edu>), the Florida Cooperative Extension Service (<http://extension.ifas.ufl.edu>), the College of Veterinary Medicine (<http://www.vetmed.ufl.edu>), the Florida Sea Grant program (<http://www.flseagrant.org/>), and encompasses 16 on-campus academic departments and schools, 12 Research and Educational Centers (REC) located throughout the state, 6 Research sites/demonstration units administered by RECs or academic departments, and Florida Cooperative Extension Service offices in all 67 counties (counties operate and maintain). The School of Natural Resources and Environment is an interdisciplinary

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unit housed in IFAS and managed by several colleges on campus. IFAS employs over 2500 people, which includes approximately 900 faculty and 1200 support personnel located in Gainesville and throughout the state. IFAS, one of the nation's largest agricultural and natural resources research and education organizations, is administered by a Senior Vice President and four deans: the Dean of the College of Agricultural and Life Sciences, the Dean for Extension and Director of the Florida Cooperative Extension Service, the Dean for Research and Director of the Florida Agricultural Experiment Station, and the Dean for the College of Veterinary Medicine. UF/IFAS also engages in cooperative work with Florida A&M University in Tallahassee.

Employment Conditions

This position is available November 16, 2018 and it will be filled as soon thereafter as an acceptable applicant is available. Compensation is commensurate with the education, experience, and qualifications of the selected applicant.

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 # 39105

Dr. Mark Clark
Chair, Search and Screen Committee
University of Florida
Soil and Water Sciences Dept.
P O Box 110290
Gainesville, FL 32611

Telephone: 352-294-3154
Facsimile: (352) 392-3399
Electronic Mail: clarkmw@ufl.edu

Application Information

Individuals wishing to apply should go online to <https://jobs.ufl.edu> and submit:

- Application.
- Cover letter that states applicant's interest in the position and qualifications relative to the credentials listed above.
- Curriculum vitae.
- Contact information (including email addresses) for four individuals willing to write letters of recommendation.
- Unofficial transcripts showing receipt of doctoral degree.

Final candidate will be required to provide 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

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be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES), which can be found at <http://www.naces.org/> .

The University of Florida is an Equal Opportunity Institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Persons with disabilities have the right to request and receive reasonable accommodation.

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