POSITION ANNOUNCEMENT # 0001-4273
REQUISITION # 493294

Title: Assistant Professor, Citrus Water and Nutrient Management

Location: Citrus Research and Education Center
University of Florida
Institute of Food and Agricultural Sciences (IFAS)
Lake Alfred, Florida

Salary: Commensurate with Qualifications and Experience

Review Date: To ensure full consideration please apply online and submit additional materials by October 15, 2015. Position will remain open until a viable applicant pool is determined.

Duties and Responsibilities
This is a 12-month tenure-accruing position that will be 70% research (Florida Agricultural Experiment Station) and 30% extension (Florida Cooperative Extension Service) available at the Citrus Research and Education Center, Institute of Food and Agricultural Sciences, University of Florida. This assignment may change in accordance with the needs of the department. Profitable citrus production depends on efficient, site-specific water management, the integration with nutrient management, and an understanding of the daily and seasonal water requirements of the citrus tree in different soils. The goal of the position is to develop and implement sustainable strategies that optimize water management for citrus production, conservation of water, and water quality. Research should address the need for improving water use efficiency in citrus grove management systems, minimizing water quality degradation, and maximizing productivity. Opportunities exist to 1) develop local and regional water use models taking into consideration citrus planting systems, tree water requirements, irrigation scenarios, and water use for cold protection, 2) apply precision agricultural technologies for local and regional water management, and 3) develop best management practices for water conservation and quality maintenance for surface and ground water sources. Collaboration with horticulturists, plant pathologists, plant breeders, entomologists, economists, engineers and soil scientists working on citiculture and pest/disease relationships is expected. The faculty member will be part of a core team that responds to emerging citrus industry threats. Tenure will accrue in the Soil and Water Sciences Department. The faculty member will participate actively in undergraduate and graduate education by

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chairing graduate committees, serving on graduate committees, supervising thesis and dissertation research and publishing the results with his/her graduate students. The faculty member will seek contract and grant funding actively to support his/her program. The faculty member will engage in Extension activities in his or her program area.

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**

A doctorate (foreign equivalent acceptable) in soil and water science, hydrology, horticulture, plant science, or a closely related discipline is required. Postdoctoral experience is highly desirable. Knowledge of soil-plant biological systems, soil or water chemistry, and systems modeling will be valuable assets for this position. 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.

**Background Information**

The successful candidate will be located at the Citrus Research and Education Center, Lake Alfred, FL. The CREC is an internationally recognized research center with research, extension, and teaching programs in agricultural engineering, biotechnology, breeding and genetics, horticulture, economics, entomology and nematology, food science, plant pathology, physiology and biochemistry, and soil science. Collaborative programs exist in water management and postharvest physiology. The Center has a staff of 225 people comprised of 22 faculty members of the Institute of Food and Agricultural Sciences, University of Florida. See the CREC website for more information (http://www.crec.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 50,000 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 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. The University of Florida Water Institute coordinates multidisciplinary research, education and extension programs addressing critical water issues in Florida and beyond. (http://waterinstitute.ufl.edu/about/index.html)

**Employment Conditions**
This position will be filled as soon 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 Position # 0001-4273
Dr. Jim Graham
Chair, Search and Screen Committee
University of Florida
Citrus Research and Education Center
700 Experiment Station Road
Lake Alfred, FL 33850-2299

Telephone: 863-956-8660
Facsimile: 863-956-4631
Electronic Mail: jhgraham@ufl.edu

**Application Information**
Individuals wishing to apply must go online to http://explore.jobs.ufl.edu/cw/en-us/job/493294 and submit:

- Application
- Cover letter that states applicant’s interest in the position and qualifications relative to the credentials listed above
- Curriculum vitae
- Official transcripts showing receipt of the doctoral degree and three letters of recommendation sent to Dr. Jim Graham (see above).

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 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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