

Southwest Florida Research and Education Center

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Position: Post-Doctoral of Agricultural Engineering
Type: Contract (up to 4 years)
Location: Southwest Florida Research and Education Center
Contact: Dr. Yiannis Ampatzidis
Southwest Florida Research and Education Center
Department of Agricultural and Biological Engineering
University of Florida; i.ampatzidis@ufl.edu

Description: The Southwest Florida Research and Education Center (SWFREC- <http://www.imok.ufl.edu>) is looking for a motivated individual to join the precision ag. engineering team (<https://twitter.com/PrecAgSWFREC>) as post-doctoral under the supervision of Dr. Yiannis Ampatzidis at University of Florida (Department of Agricultural and Biological Engineering). The postdoc will support engineering activities such as design, test, verification, modification, fabrication and assembly of prototype mechatronic systems. The selected candidate will work in the area of Artificial Intelligence-AI, mechatronics, machine vision (e.g. disease detection, yield estimation), robotics and precision farming technologies. Primary responsibilities include developing automated and robotic systems for agricultural applications, designing and implementing research studies, collecting and analyzing data, and assisting the engineering team in preparing research results for publication. Applicants should have excellent verbal and written communication skills and be available for an interview (for questions contact Dr. Ampatzidis at i.ampatzidis@ufl.edu).

Qualifications: A PhD in Agricultural, Mechanical, Electrical and Computer Engineering or closely related field (AI, mechatronics, IoT, machine vision). Self-motivated individual is preferred. Previous experience and publications in areas of AI, machine vision, remote sensing, IoT, and precision farming technologies is preferred.

Application Deadline Date: To insure full consideration, apply by January 15, 2019 (position open until filled; application review begins immediately).

Advertised salary: \$50,000 plus benefits.

Application: The application package must include an application letter detailing candidate's qualifications and experience relative to the position description, curriculum vitae, list of publications and unofficial transcripts. Official transcripts and three letters of recommendation will be requested of applicants being seriously considered. For questions, contact Dr. Ampatzidis at i.ampatzidis@ufl.edu. Send the package by email to this address. Incomplete applications will not be considered.

Setting:

Established in 1958 as a [University of Florida](#) support facility, the Southwest Florida Research and Education Center (SWFREC) was dedicated in 1986 as a UF/Institute of Food and Agricultural Sciences (IFAS) station. The mission of the Southwest Florida Research and Education Center (SWFREC) is to supply decision-makers with specific knowledge to sustain and enhance agricultural, human, and natural resources through nationally and internationally recognized research, extension, and teaching programs.

The Agricultural and Biological Engineering Department has an award-winning faculty, with over 30 faculty members located on both the UF campus and at Research and Education Centers around the state. For more information check SWFREC- <http://www.imok.ufl.edu> and ABE - <http://www.abe.ufl.edu>.