



University of Puerto Rico
Mayagüez Campus
Department of Human Resources
PHONE: 787- 832-4040 Ext. 3159 FAX 787-831-1720



JOB ANNOUNCEMENT

Announcement Number : 22-21
Position Title : Assistant Professor
Annual Salary : \$70,548.00
Location of Position : University of Puerto Rico
Mayaguez Campus
Department of Electrical and Computer Engineering
Opening Date : September 15, 2022
Closing Date : December 1, 2022

INTRODUCTION

The Department of Electrical and Computer Engineering of the University of Puerto Rico, Mayagüez Campus is currently searching for applicants to teach courses in the area of Microwave and Millimeter-wave Systems.

MINIMUM REQUIREMENTS

Applicants must have a Ph.D. in Electrical Engineering or Computer Engineering, and completion of all requirements by the date of hire.

Microwave and Millimeter-wave Systems: Special interest will be given to candidates with experience in microwave and mm-wave systems, circuits, and antennas (including integrated circuit design and on-chip antenna integration), phased-array systems, electronically scanned arrays and MIMO arrays, microwave and mm-wave scientific receivers for radio-astronomy and environmental sensing applications, microwave (analog) signal processing, and spectrum monitoring systems. Additional areas of expertise include but are not limited to spectral limited microwave and mm-wave transmitters, energy and spectral efficient microwave and mm-wave power amplifiers, low Size, Weight and Power (SWaP) microwave and mm-wave systems for satellite and uncrewed aerial vehicles, and microwave and mm-wave remote sensing technologies. The ideal candidate should have expertise in both component level and system-level design and modeling, with emphasis on spectrum monitoring, remote sensing (passive and active) or communications applications. The ideal candidate will focus on technologies and approaches that enable the development of low cost, low SWaP spectrum monitoring and RFI mitigation systems.

If your native language is not Spanish, you should be able to communicate fluently in English and, by the end of your tenure-track appointment, be able to communicate effectively in Spanish.

JOB DESCRIPTION AND DUTIES

The selected candidate will initially fulfill research and teaching obligations for the Center for Advanced Radio Sciences and Engineering (CARSE) and the Department of Electrical and Computer Engineering, respectively. The person selected is expected to develop creative research activities pertinent to CARSE, interact with researchers and students in the Center, advise graduate students, publish research results in peer-reviewed conferences and journals, attract external research funding, and contribute to the *Education, Outreach, and Workforce Development*, and the *Innovation and Collaboration Ecosystem* activities of the Center. The selected candidate is also expected to teach at the graduate and undergraduate levels or coordinate teaching laboratories in the ECE Department, participate in continuous improvement and assessment activities of our academic programs, participate in faculty committees, participate in outreach activities, and support general academic service activities in the Department.

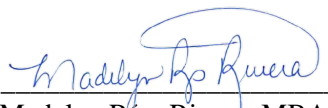
HOW TO APPLY

Please, provide the following documents:

1. Cover letter (including announcement number for which you are applying, e-mail, address, and phone number)
2. Curriculum Vitae
3. MS (if applicable) and Ph.D. transcripts
4. Three (3) letters of recommendation (It is expected that one of the letters is written by the applicant's Ph.D. advisor)
5. Detailed research and teaching statements in a single pdf file (1-2 pages)
6. Copy of three (3) peer-review publications (preferable IEEE Transactions journals) in topics related to microwave or mm-wave systems, circuits, antennas, or similar.

Please send the documentation to:

Dr. Leyda León Colón
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Department of Electrical and Computer Engineering
Call Box 9000
Mayagüez, Puerto Rico 00681- 9000
Telephone: (787) 832-4040, X3821
Email: facultyposition@ece.uprm.edu

SUBMITTED BY: 

Madelyn Rios Rivera, MBA
Director

Some fringe benefits include: medical plan, retirement, medical leave of absence, maternity, and paternity leave of absence.

WE ARE AN EQUAL OPPORTUNITY EMPLOYER –M/F/V/I