CENTER FOR THE ADVANCEMENT OF WEARABLE TECHNOLOGIES

NSF CAWT UNDERGRAD RESEARCH FALL INTERNSHIP

August – December 2022

APPLICATION REQUIREMENTS:

- ✓ Enrolled in a **STEM** (Science, Technology, Engineering, and Mathematics) or **Business Administration** undergraduate program at the **University of Puerto Rico Río Piedras** or **Mayagüez Campus**.
- ✓ Competitive GPA
- ✓ Application Form
- ✓ Recommendation/endorsement letter from a CAWT member faculty researcher who will serve as supervisor (see lists attached to this flyer)
- ✓ Research plan
  - The plan must be no more than 1-page long, single spaced, and contain the following sections: (1) Title (2) Summary (3) Goals and Objectives, (4) Project Timetable and (5) CAWT faculty researcher advisor approval signature
  - Plan must be aligned with the research priorities of the CAWT Interdisciplinary Research Groups (IRGs) and the Innovation Ecosystem (IE) Group:
    1. **IRG1: Engineering of Sensors and Biocompatible Technologies for Wearable Devices**
    2. **IRG2: Power Sources for Wearable Technologies**
    3. **IRG3: Big Data Driven Design and Analytics for Wearables**
    4. **Integration of (1) through (3)**
    5. **Innovation and commercialization of WT**
- ✓ Curriculum Vitae
- ✓ Academic transcript(s)

AWARD:

$6,000 total stipend
+
$1,000 for research materials

APPLICATION DEADLINE

August 10th, 2022, at midnight (Atlantic Standard Time)

SUBMISSION PROCESS

Documents must be sent by email to yeiza.hernandez@upr.edu copying the corresponding IRG Leaders and the CAWT member faculty researcher :

IRG1 – Dr. Madeline Torres Lugo (madeline.torres6@upr.edu) and Dr. Maribella Domenech (maribella.domenech@upr.edu)
IRG2 – Dr. Ram Katiyar (ram.katiyar@upr.edu) and Dr. Gerardo Morell (gerardo.morell@upr.edu)
IRG3 – Dr. Manuel Rodríguez (manuel.rodriguez7@upr.edu) and Dr. Ubaldo Córdova (ubaldom.cordova@upr.edu)

SCAN ME

NSF EPSCoR RESEARCH IN PUERTO RICO

**Awards are subject to availability of funds*

NSF Award No. OIA-1849243

CENTER FOR THE ADVANCEMENT OF WEARABLE TECHNOLOGIES

2022
NSF CAWT UNDERGRADUATE RESEARCH FALL INTERNSHIP

APPLICATION FORM

PERSONAL INFORMATION	
Full Name:	
Phone Number:	
Email:	
Mailing Address:	
Date of Birth:	
Gender:	☐ Female ☐ Male ☐ Other ☐ I prefer not to disclose
Citizenship:	☐ US ☐ Other (Please specify):
ACADEMIC INFORMATION	
Academic Campus:	
College/Department/Major:	
GPA:	
Expected graduation date:	
RESEARCH INFORMATION	
Project Element(s):	☐ IRG1 ☐ IRG2 ☐ IRG3 ☐ Innovation Ecosystem
Research Topic:	
Name of CAWT Research Advisor:	

Applicant's Signature	**CAWT Student Advisor's Signature**

NSF GRANT NO. OIA-1849243

NSF CAWT

IRG1: Engineering of Sensors and Biocompatible Technologies for Wearable Devices - Faculty

SCAN ME

Madeline Torres-Lugo
UPR-Mayagüez
Co-PD, IRG1

Maribella Domenech
UPR-Mayagüez
IRG1 Co-Leader

José M. Rivera
UPR-Río Piedras
IRG1

Eduardo Juan
UPR-Mayagüez
IRG1

Camilo Mora
UPR-Mayagüez
IRG1

Eduardo Nicolau
UPR-Río Piedras
IRG1

Pedro J. Resto
UPR-Mayagüez
IRG1

Heydi Sierra
UPR-Mayagüez
IRG1, IRG3

NSF CAWT

IRG2: Power Sources for Wearable Technologies - Faculty

SCAN ME

Gerardo Morell
UPR-Río Piedras
IRG2 Co-Leader

Ram Katiyar
UPR-Río Piedras
IRG2 Co-Leader

Brad R. Weiner
UPR-Río Piedras
Co-PD, IRG2

Zhongfang Chen
UPR-Río Piedras
IRG2, IRG3

David Suleiman
UPR-Mayagüez
IRG2

Xianyong Wu
UPR-Río Piedras
IRG2

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IRG3: Big Data Driven Design and Analytics for Wearables - Faculty

SCAN ME

Manuel Rodríguez-Martínez
UPR-Mayagüez
IRG3 Co-Leader

Ubaldo Córdova
UPR-Mayagüez
IRG3 Co-Leader

J. Guillermo Araya
UPR-Mayagüez
IRG3

Emmanuel Arzuaga
UPR-Mayagüez
IRG3

Zhongfang Chen
UPR-Río Piedras
IRG2, IRG3

Julian Velev
UPR-Río Piedras
IRG3

A. Ahmed ElSaid
UPR-Mayagüez
IRG3

José Lugo
UPR-Mayagüez
IRG3 AND IE

Luis Pericchi
UPR-Río Piedras
IRG3

Heydi Sierra
UPR-Mayagüez
IRG1, IRG3

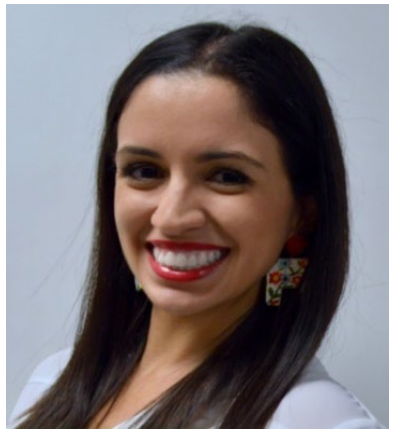
Wandaliz Torres
UPR-Mayagüez
IRG3

NSF CAWT

Innovation Ecosystem - Faculty

SCAN ME

José Lugo
UPR-Mayagüez
IRG3 AND IE



Mari L. Zapata
UPR-Mayagüez
Innovation Ecosystem

Manuel Lobato
UPR-Rio Piedras
Innovation Ecosystem

Javier Rodríguez
UPR-Rio Piedras
Innovation Ecosystem