Empowering the Next ³Generation of Latinas in STEAM

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University of Puerto Rico

An Initiative to Provide Latinas Access to STEAM Careers



It is estimated that 90% of future jobs will require a training in Science, Technology, Engineering, Arts and Mathematics (disciplines known as STEAM).



The under-representation of Latinas in STEAM limits income potential, their participation in fast-growing careers, and creates an alarming loss of talent and innovation.



At the University of Puerto Rico we want to change these statistics. For this reason, several research programs have combined their efforts to design and develop initiatives that promote the participation of Latinas in STEAM careers.



This is where the initiative Empowering the New Generation of Latinas in STEAM emerges. Led by Dr. Liz Díaz and Dr. Noemi Cintrón with the collaboration of students from the Faculties of Natural Sciences, Education and Arts



Education and Dutreach Vision Engage a broad community, a vision for change and embracing the importance and power of diversity for scientific innovation and education to develop a capable workforce in STEAM.

Empowering the Next Generation of Women in STEAM through...

Women Programing
Providing Relevance to STEAM Careers

Development of Education and Research Programs with a Commitment to Equity Normalizing aptitude in science

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Promoting Success of Women & Visibility of Role Modes Shifting gender norms about STEAM & Empowering girls through relationships. Our Initiative facilitate the access of young female students to opportunities offered by Different Research Programs







Empowering the Next Generation of Latinas in STEAM-PI & Project Director

> NASA-MIRO-SPRINT & NSF-CREST-CIRE²N Co- Principal Investigator & Co-Project Director NSF-CAWT-Outreach & Education Coordinator Email: liz.diaz2@upr.edu

Empowering the Next Generation of Latinas in STEAM







Partner











Principal Investigator & Director-NASA-MIRO-SPRINT & NSF-PRLSAMP





Partner







Project Director



Coordinator









Dr. Artaro Hernández

Principal Investigator Project Director



Co- Principal Investigator



CENTER FOR THE ADVANCEMENT OF WEARABLE TECHNOLOGIES



Co-Principal Investigator









Partner

Dr. Gerardo Morell

Principal Investigator Project Director



Dr. Carmen Noemi Cintrón

Associate Director, Empowering the next Generation of Latinas in STEAM - Co-PI & Co-Director



Undergraduate Chemistry Students



Symposium organization committee and presenter, video script and editing, book design committee



Symposium organization committee, video planning, book design committee



Symposium organization, video planning, book design committee



Symposium organization committee, video planning, book Illustrator





Symposium organization committee, coordination of interactive tables, video script and editing

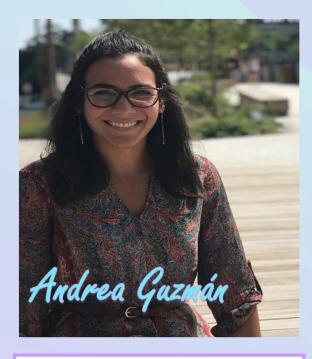
Science, Education and Art Students



PhD Candidate, Faculty of Education Graduate Program, UPRRP Symposium organization committee, Evaluation Committee



BS Fine Art , Symposium organization committee, Photographer & Graphic Design



PhD Candidate at UPENN, Presenter & Collaborator, Book Design and Illustrator





Symposium organization committee, video editing, graphic design, illustrator, book editor



Photographer and video editing



Prof. Wanda Aponte

Video editing. Audio, Graphic design



Student Associations and Organizations



https://docs.google.com/forms/d/e/1FAIpQLSc0mD21MqfbR5iFaf2At7nr06SM7hXqjUibH34ShZ5rcLpudw/viewform?usp=sf_link

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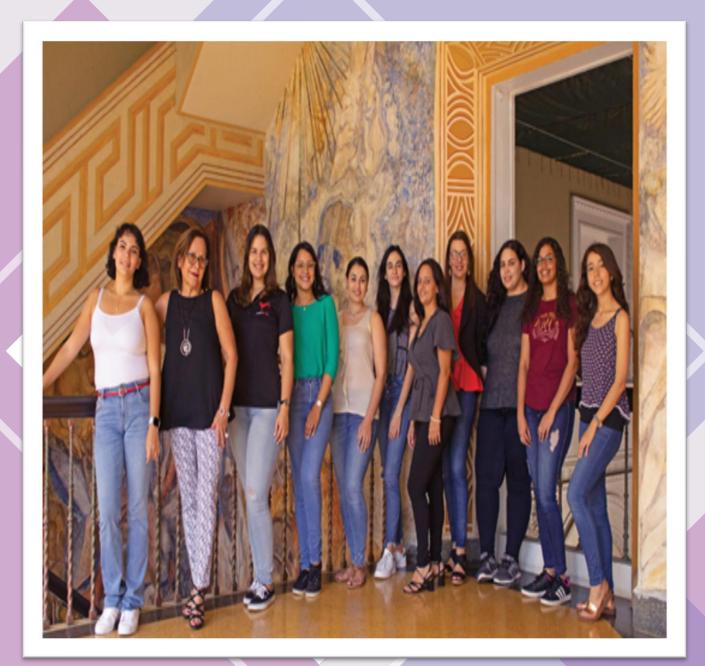
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CENTER FOR THE ADVANCEMENT OF WEARABLE TECHNOLOGIES



ROMARK



PUERTO RICO LOUIS STOKES



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