



LATINX BIOMEDICAL ENGINEERING SYMPOSIUM | FRIDAY, MARCH 26

SHARING SCIENCE, BUILDING COMMUNITY, AND DISCUSSING ISSUES SPECIFIC TO LATINX IN BME

Learn about the latest contributions by the Latinx community to BME. Join us for a keynote speaker, scientific sessions, short research presentations, panel discussions about the Latinx community, and a social event.

AGENDA

KEYNOTE SPEAKER



Tatiana Segura, PhD
Professor of Biomedical Engineering,
Neurology and Dermatology
at Duke University

BIOMATERIALS TO UNLOCK THE REGENERATIVE CAPACITY OF TISSUES

ABSTRACT: Injectable materials that can conform to the shape of a desired space are used in a variety of fields including medicine. The ability to fill a tissue defect with an injectable material can be used for example to deliver drugs, augment tissue volume, or promote repair of an injury. This talk will explore the development of injectable materials that are based on assembled particle building blocks, for tissue repair. We find that using microparticle building blocks to build the scaffold generates a porous network by the space left behind between adjacent building blocks. Due to the injectability of this microporous material we have explored its wide applicability to tissue repair applications ranging from skin to brain wounds. In this talk, I will describe how MAP scaffolds can modulate the wound healing immune response and lead to regenerative wound healing.

SCIENTIFIC SESSIONS

- 10-10:15 AM** Welcome Remarks
- 10:15-11:30 AM** Platform Talks (5 live talks of 15 mins each)
- 11:30 AM-12 PM** Keynote Speaker
- 12-1 PM** Lunch Break
- 1-2:15 PM** Short Talks (3 mins each)
- 2:15-2:30 PM** Award Ceremony / Conclusion of Scientific Sessions

PERSONAL AND COMMUNITY DEVELOPMENT SESSIONS

- 3-4 PM** Science of Self-Care
- 4-5 PM** LatinX and a Panel on Intersectionality
- 7 PM** Social + Show and Tell - Family and LatinX in BME Experience and Advice to LatinX Students.

FRIDAY, MARCH 26 / 10:00AM ET / VIA ZOOM

► **Registration** <https://bme.fiu.edu/latinx>

SCIENCE OF SELF-CARE



Chad Uri Pierre
Health Educator

PANELISTS ON INTERSECTIONALITY



Dr. Fátima Sancheznieto
Associate Researcher,
UW - Madison



Angelie Rivera-Rodriguez
PhD Candidate,
University of Florida



Jorge Jimenez
PhD Candidate,
University of Pittsburgh



Kathleen Diana Warman
Pre-doctoral Intern,
FIU Counseling and
Psychological Services



Through the generous support of the Wallace H. Coulter Foundation, the Department of Biomedical Engineering facilitates weekly lectures each year during academic terms. Experts in all areas of Biomedical Engineering are invited to provide a research seminar and to meet with faculty and students to discuss the latest developments and research in Biomedical Engineering.

Friday, March 26, 2021

10:00 AM - 7:00 PM ET | <https://bme.fiu.edu/latinx>