

RISING STARS OF REGENERATIVE ENGINEERING: THE DYNAMIC OF STUDENTS AND RESEARCH MENTORS

A Webinar Series from The Cato T. Laurencin Institute for
Regenerative Engineering at the University of Connecticut



Hosted and Moderated by:
Dr. Gualberto Ruaño
Assistant Director for Special Projects
The Cato T. Laurencin Institute for
Regenerative Engineering

Beyond the science, the webinars will address the personal dimensions of research training. What is the ideal environment to train young scientists? What are the barriers? How does the young scholar mesh into the fabric of the organization? In all, attendees to the webinars will appreciate contemporary science in regeneration and the dynamics of transferring that science to the next generation in the enterprise. Participants are selected from the Cato T. Laurencin Institute for Regenerative Engineering's signature T32 Doctoral and Young Innovative Investigator Programs as well as UConn's graduate training.

The Cato T. Laurencin Institute for Regenerative Engineering is producing this series in partnership with the Advanced Regenerative Manufacturing Institute (ARMI). The webinars will inform participants and the audience on the perspective of young scientists in training conducting research in regenerative engineering supplemental by the interaction with their research mentors.



UConn

THE CATO T. LAURENCIN
INSTITUTE FOR
REGENERATIVE ENGINEERING

INJECTABLE PIEZOELECTRIC GELS FOR CARTILAGE REGENERATION

April 02, 12:00 PM EST

Trainee: Tra Vinikoor

Mentor: Thanh D. Nguyen, Ph.D.

Associate Professor

Department of Biomedical Engineering

Institute of Materials Science

University of Connecticut

IN SITU-PRINTED MICRONEEDLE DEPOTS FOR SOFT TISSUE REGENERATION: REVOLUTIONIZING DRUG DELIVERY

April 09, 12:00 PM EST

Trainee: Steven Toro

Mentor: Ali Tamayol, Ph.D.

Associate Professor

Department of Biomedical Engineering

University of Connecticut

THE EFFECT OF TIMING OF DRUG DELIVERY ON SENESENCE AND REGENERATION IN BONE

April 16, 12:00 PM EST

Trainee: Travis Wallace

Mentor: Liisa Kuhn, Ph.D.

Professor

Department of Biomedical Engineering

School of Dental Medicine

University of Connecticut

PERIARTICULAR AND INTRAARTICULAR APPROACHES TO MANAGE OSTEOARTHRITIC PAIN IN A PRE-CLINICAL MODEL

April 23, 12:00 PM EST

Trainee: Reinier Gonzalez Heredia

Mentor: Lakshmi S. Nair, M.Phil., Ph.D.

Professor

Department of Orthopedic Surgery, UConn

Musculoskeletal Institute

Department of Biomedical Engineering

Deputy Director, The Cato T. Laurencin Institute

for Regenerative Engineering

University of Connecticut