



JOHNS HOPKINS
BIOMEDICAL ENGINEERING

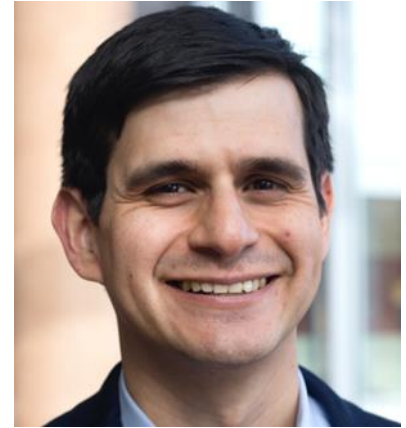
BME Virtual Seminar Series

Carlos Aguilar, PhD

Assistant Professor
University of Michigan – Ann Arbor

Monday, November 8th, 2021
1:30 p.m.
Held via Zoom

Faculty host: Warren Grayson



TBA

Abstract: TBA

Bio: Carlos Andres Aguilar is an Assistant Professor of biomedical engineering, core member of the BioInterfaces Institute and Cellular and Molecular Biology Program at the University of Michigan – Ann Arbor. He earned his B.S.E. in mechanical engineering at the University of Michigan – Ann Arbor and his M.S.E. and Ph.D. in biomedical engineering at the University of Texas – Austin, where he won the George J. Heuer, Jr. Ph.D. Endowed Graduate Fellowship and HENAAC Graduate Student Leadership Award. After completing his PhD, Professor Aguilar was a member of the technical staff in the Bioengineering Systems and Technologies Group at M.I.T. Lincoln Laboratory. Dr. Aguilar's research centers on understanding and engineering the molecular networks governing skeletal muscle processes with a particular focus on transcriptional and epigenetic regulation of muscle stem cells. Current projects include the analysis and manipulation of muscle stem cells after trauma and in aging and are funded by the NIH, NSF, CDMRP, PRMRP, DARPA and several foundations. Professor Aguilar is the recipient of the NSF CAREER Award, 3M Faculty Nontenured Award, American Federation for Aging Young Faculty Award, and Genentech Research Award. He is an associate scientific advisor for Science Translational Medicine and co-chair for 2022 the Tissue Engineering and Regenerative Medicine International Society Annual Meeting. In his free time, Professor Aguilar enjoys spending time with his family, playing soccer and running and watching Michigan sports.