

Jennifer Puetzer, Ph.D.

Associate Professor, Department of Biomedical Engineering | B.S. Biomedical Engineering, NC State | Ph.D. Biomedical Engineering, Cornell University at VCU College of Engineering
Richmond, VA, US

Dr. Puetzer focuses on musculoskeletal tissue engineering for meniscus, tendon, and ligament replacement and repair.

Biography

Dr. Puetzer joined VCU in January 2018 as an Assistant Professor in the Department of Biomedical Engineering with an affiliate appointment in the Department of Orthopaedic Surgery. Her research focuses on musculoskeletal tissue engineering for meniscus, tendon and ligament replacement, with particular interest in collagen fiber formation, bone integration, and aging. See our lab website for more information on our current research interests.

Industry Expertise

Research, Education/Learning

Areas of Expertise

Extracellular matrix biology, Tissue Engineering and Regenerative Medicine, Collagen Fiber Development, Biomechanics, Musculoskeletal Mechanobiology

Education

North Carolina State University
B.S. Biomedical Engineering

Cornell University
M.S. Biomedical Engineering

Cornell University
Ph.D. Biomedical Engineering

Imperial College London
Postdoctoral Materials and Bioengineering

Accomplishments

UK Regenerative Medicine Platform Special Merit Award
9/2017

Whitaker International Program Fellowship

1/2015-1/2017

Wake Forest Institute of Regenerative Medicine Young Investigator Award, TERMIS

12/2014

Tissue Engineering Young Investigator Council

1/2014-12/2014

National Science Foundation's GK-12 Fellowship

5/2012-5/2013

National Science Foundation's Graduate Research Fellowship

8/2009-8/2012

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