Introducing the 2017 WFIRM Summer Scholars

Summer Scholar	Primary Faculty Mentor(s)	Broad Research Focus
Katherine Bolten Temple University Bioengineering, Sophomore	**Anthony Atala, MD** Professor and Director of WFIRM	*Optimizing the Skin-Implant Interface*
Allison Boone Davidson College Biology, Senior	**Sean Murphy, PhD** Assistant Professor	*Development of Airway Organoids for Disease Modeling and Drug Screening*
Egil Brudvik Union College Psychology & English, Junior	**Graca Almeida-Porada, MD, PhD** Professor and **Christopher Porada, PhD** Associate Professor	*Cell and Gene Therapy Delivery for Hemophilia A*
David Cleveland University of Michigan - Ann Arbor Biomedical Engineering, Junior	**In Kap Ko, PhD** Assistant Professor	*Kidney Regeneration*
William Collier Purdue University Biochemistry/Pre-med, Sophomore	**Shay Soker, PhD** Professor	*Fiber-based Imaging of Bioengineered Tissues and/or Cancer Modeling – Specific focus TBC w/scholar*
Nancy Contreras-Quinteros Appalachian State University Chemistry, Junior	**Steve J. Walker, PhD** Associate Professor	*Research Interests: Gene Expression Regulation; Oligonucleotide Array Sequence Analysis; RNA; Pelvic Pain; Gene Expression Profiling – TBC w/scholar*
John Craig University of Texas at Austin Biomedical Engineering, Freshman	**Aleks Skardal, PhD** Assistant Professor and **Thomas Shupe, PhD** Assistant Professor	*Body-on-a-Chip Technologies or Special Topics in RM Manufacturing – Specific focus TBC w/Scholar*
Williams Dean University of North Carolina – Greensboro, Biology, Freshman	**Baisong Lu, PhD** Assistant Professor	*Gene Editing Approaches for Regenerative Medicine*
Amelia Hurley-Novatny University of Maryland - College Park, Bioengineering, Sophomore	**James Yoo, MD, PhD** Professor, Assoc. Director, CSO and **Sang Jin Lee, PhD** Associate Professor	*Center for Engineering Complex Tissues (CECT)/NIH P41 - Specific focus TBC w/Scholar*
John Latimer Stanford University Biology, Junior	Anthony Atala, MD Professor and Director of WFIRM	*In vitro study of a bioengineered uterine tissue in a rabbit model.*

Summer Scholar	Primary Faculty Mentor(s)	Broad Research Focus
Emily Long Pennsylvania State University Biomedical Engineering, Junior	**Emmanuel Opara, PhD** Professor	*Bioartificial Pancreas*
Nickolas Mundo Texas A&M University – Corpus Christi, Mechanical Engineering, Senior	**James Yoo, MD, PhD** **Professor, Assoc. Director, CSO and Sang Jin Lee, PhD** **Associate Professor**	***Center for Engineering Complex Tissues (CECT)/NIH P41 - Specific focus TBC w/Scholar***
Jennifer Paxton Winston-Salem State University Exercise Science, Sophomore	**Yuanyuan Zhang, MD, PhD** Assistant Professor	*Non-Invasive Cell Tracking with Bioluminescence Imaging for Cell Therapy*
Hayley Premo Christopher Newport University Neuroscience, Senior	**Tracy Criswell, PhD** Assistant Professor	*Skeletal Muscle Regeneration*
Caroline Sane Georgia Institute of Technology Chemical and Biomolecular Engineering, Sophomore	**Anthony Atala, MD** Professor and Director of WFIRM	*3D Neurovascular Unit in Vitro Model*
Mark Schwartz Saint Louis University Biomedical Engineering, Freshman	**John Jackson, PhD** Associate Professor	*Engineering Ovarian Tissue*
Charles Spong Clemson University Bioengineering, Senior	**Frank Marini, PhD** Professor	*Novel Imaging in Regenerative Medicine – Specific focus TBC w/Scholar*
Eliot Teal Clemson University Bioengineering, Senior	**Frank Marini, PhD** Professor	*Novel Imaging in Regenerative Medicine – Specific focus TBC w/Scholar*
Margaret VanSchaayk Wake Forest University Communications, Senior	**Sang Jin Lee, PhD** Associate Professor	*Center for Engineering Complex Tissues (CECT)/NIH P41 - Specific focus TBC w/Scholar*
Sue Zhang University of Rochester Biomedical Engineering, Junior	**Hooman Sardi-Ardekani, MD, PhD,** Assistant Professor	*Spermatogonial Stem Cells Transplantation to Restore Fertility*
Suzanne Zhou Virginia Commonwealth University Biology, Sophomore	**Khalil Bitar, PhD** Professor	*Gut Neuro-Muscular Regeneration using TE techniques*