Wake Forest® School of Medicine

Institute for Regenerative Medicine

October 2019

Welcome to our e-newsletter!

When it comes to educational programming, WFIRM has a lot to offer to a variety of audiences.

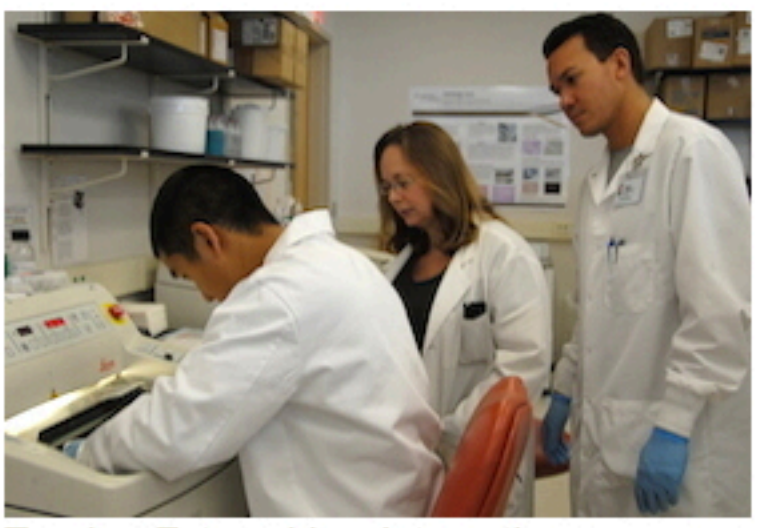
One program you might not be as aware of is our Middle and High School Teacher Externship and Classroom Curricula program. In partnership with the North Carolina Association for Biomedical Research, the institute is able to provide teachers the opportunity to acquire new knowledge and skills to enable them to introduce the concepts of science, technology, engineering and mathematics (STEM) within the context of regenerative medicine to their students.

Our hope is that their experience in our labs helps them develop curricula materials and activities to use with their students when they return to the classroom and engage them in the possibilities relevant to the 21st century workforce of the biomedical science field.

I hope you read further below about the experience of one such high school teacher, Teresa Gentry, who has returned to the institute the last three summers.

Best Regards,

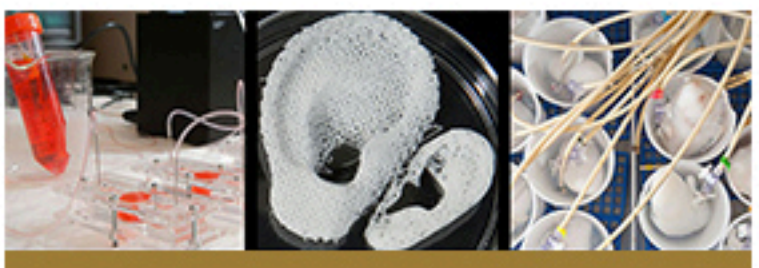
Dr. Anthony Atala



Teacher Externships: Integrating RegenMed into the Classroom

3D Bioprinting Storytelling from The New York Times

WFIRM Highlighted During Atrium Board Visit



New Episode Live with Shiva Ayyadurai, PhD, Founder of E-mail and CytoSolve

Innovation Quarter, home to WFIRM, Continues to Grow

Business Report: Bioengineering Promises Better Health

Connect with us.

WakeHealth.edu/WFIRM

About Wake Forest Institute for Regenerative Medicine: The Wake Forest Institute for Regenerative Medicine is recognized as an international leader in translating scientific discovery into clinical therapies, with many world firsts, including the development and implantation of the first engineered organ in a patient. More than 400 scientists collaborate on regenerative medicine research at the institute, the largest in the world, working on more than 40 different tissues and organs. A number of the basic principles of tissue engineering and regenerative medicine were first developed at the institute. WFIRM researchers have successfully engineered replacement tissues and organs in all four categories – flat structures, tubular tissues, hollow organs and solid organs – and 14 different applications of cell/tissue therapy technologies, such as skin, urethras, cartilage, bladders, muscle, kidney, and vaginal organs, have been successfully used in human patients. The institute, which is part of Wake Forest University, is located in the Innovation Quarter in downtown Winston-Salem, NC, and is driven by the urgent needs of patients. The institute is making a global difference in regenerative medicine through collaborations with over 400 entities and institutions worldwide, through its start-up entities and industry partnerships, and through major initiatives in breakthrough technologies, such as diagnostics, drug discovery, biomanufacturing, nanotechnology, gene editing and 3D printing.