

## CORE/AFFILIATE FACULTY



**Graca Almeida-Porada, PhD**  
Professor  
**Wake Forest Institute for Regenerative Medicine**  
**Research Interests:** Tissue Engineering, Biomedical Engineering



**Anthony Atala, MD**  
Professor and Director  
**Wake Forest Institute for Regenerative Medicine**  
**Urology**  
**Research Interests:** Tissue Engineering, Stem Cells



**Khalil Bitar, PhD**  
Professor  
**Wake Forest Institute for Regenerative Medicine**  
**Physiology and Pharmacology**  
**Gastroenterology**  
**Research Interests:** Bioengineering, Tissue Engineering



**J. Daniel Bourland, PhD**  
Professor  
**Radiation Oncology**  
**Research Interests:** Medical Physics, Biomedical Engineering



**Arjun B. Chatterjee, MD**  
Associate Professor  
**Pulmonary, Critical Care, Sleep Medicine**  
**Research Interests:** Pulmonary, Interstitial Lung Disease, Pulmonary Fibrosis, Sleep



**Tracy L. Criswell, PhD**  
Assistant Professor  
**Wake Forest Institute for Regenerative Medicine**  
**Critical Illness, Injury and Recovery Center**  
**Research Interests:** Tissue Engineering



**Kerry Danelson, PhD**  
Associate Professor  
**Orthopaedic Surgery**  
**Research Interests:** Biomechanics,  
Orthopaedic



**H. Donald Gage, MD**  
Associate Professor  
**Radiology**  
**Research Interests:** Neuroengineering,  
Radiology



**William H. Gmeiner, PhD**  
Professor  
**Cancer Biology**  
**Research Interests:** Cancer Drugs



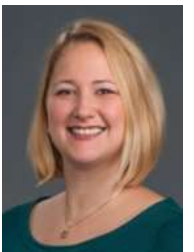
**Metin Gurcan, PhD**  
Professor  
**Director, Center for Biomedical Informatics**  
**Professor of Internal Medicine, General**  
**Center for Biomedical Informatics**  
**Research Interests:** Bioimaging, Bioinformatics



**David Herrington, MD**  
Professor  
**Cardiology**  
**Research Interests:** Atherosclerosis,  
Cardiovascular



**Youngkyoo Jung, PhD**  
Assistant Professor  
**Radiology, Translational Imaging Program**  
**(TIP)**  
**Research Interests:** Neonatal Abstinence  
Syndrome



**Bethany Kerr, PhD**  
Assistant Professor  
**Cancer Biology**  
**Research Interests:** Tissue Engineering,  
Translational Cancer Research



**Kenneth Kishida, PhD**  
Assistant Professor  
**Physiology and Pharmacology**  
**Research Interests:** Human Cognition,  
Computational Psychiatry



**Paul Laurienti, PhD**  
 Professor  
**Radiology Department**  
**Research Interests:** Bioimaging,  
 Neuroengineering



**Sang Jin Lee, PhD**  
 Associate Professor  
**Wake Forest Institute for Regenerative  
 Medicine**  
**Research Interests:** Biomaterials, Tissue  
 Engineering



**Nicole Levi-Polyachenko, PhD**  
 Associate Professor  
**Plastic and Reconstructive Surgery**  
**Research Interests:** Nanotubes,  
 Phototherapy, Polymers



**Kerry M. Link, MD**  
 Professor  
**Radiology Department**  
**Research Interests:** Bioimaging,  
 Cardiovascular Engineering



**Lacy McNally, PhD**  
 Associate Professor  
**Cancer Biology**  
**Research Interests:** Nano bioengineering,  
 Bioimaging



**Xin Ming, PhD**  
 Associate Professor  
**Cancer Biology**  
**Research Interests:** Biomaterials, Translational  
 Cancer Research



**Michael Morykwas, PhD**  
 Professor  
**Plastic and Reconstructive Surgery**  
**Institute for Regenerative Medicine**  
**Biomedical Engineering**  
**Research Interests:** Spinal Cord Injuries,  
 Wound Healing



**Michael Munley, PhD**  
 Professor  
**Radiation Oncology**  
**Research Interests:** Bioimaging, Medical  
 Physics



**Sean Murphy, PhD**  
Assistant Professor  
**Wake Forest Institute for Regenerative  
Medicine**  
**Research Interests:** Biomaterials, Tissue  
Engineering



**Emmanuel Opara, PhD**  
Professor  
**Wake Forest Institute for Regenerative  
Medicine**  
**Research Interests:** Transplantation Alginates



**Boris Pasche, MD, PhD**  
Professor  
**Cancer Biology**  
**Research Interests:** Genetics, Cancer



**Christopher Porada, PhD**  
Professor  
**Wake Forest Institute for Regenerative  
Medicine**  
**Research Interests:** Tissue Engineering



**Alexander Powers, MD**  
Associate Professor  
Director, Spine Fellowship  
**Neurological Surgery**  
**Research Interests:** Neurosurgery, Brain & Spine  
Injuries



**Sean Simpson, PhD**  
Associate Professor  
**Public Health Sciences**  
**Research Interests:** Bioimaging,  
Neuroimaging



**Aleksander Skardal, PhD**  
Assistant Professor  
**Wake Forest Institute for Regenerative  
Medicine**  
**Research Interests:** Organoids, Hyaluronic Acid,  
Tissue Engineering



**Thomas Smith, PhD**  
Professor  
**Orthopaedic Surgery**  
**Research Interests:** Biomaterials,  
Cardiovascular Engineering, Orthopedic



**Shay Soker, PhD**  
 Professor  
**Wake Forest Institute for Regenerative Medicine**  
**Research Interests:** Tissue Engineering, Stem Cells, Bioengineering



**Charles Tegeler IV, MD**  
 Professor  
**Neurology**  
**Research Interests:** Neurotechnology



**Umit Topaloglu, PhD**  
 Associate Professor  
 Associate Director for Informatics  
**Cancer Biology**  
**Research Interests:** Biomedical Informatics, Cancer



**Thad Wadas, PhD**  
 Assistant Professor  
**Cancer Biology, Translational Imaging Program (TIP)**  
**Research Interests:** Biomedical Engineering, Cancer



**William Wagner, PhD**  
 Professor  
**Plastic and Reconstructive Surgery**  
**Research Interests:** Biomaterials, Nano bioengineering



**Christopher Whitlow, MD, PhD, MHA**  
 Associate Professor  
**Radiology, Translational Imaging Program (TIP)**  
**Research Interests:** Neuroradiology, Bioimaging, Concussion



**Jeff Willey, PhD**  
 Associate Professor  
**Radiology Oncology**  
**Research Interests:** Biomechanics, Bioimaging, NASA



**James Yoo, MD, PhD**  
 Professor and Associate Director  
**Wake Forest Institute for Regenerative Medicine**  
**Research Interests:** Biomaterials, Tissue Engineering



**Wei Zhang, PhD**

Professor

**Cancer Biology**

**Research Interests:** Neoplasm Invasiveness,  
Cancer