

Western Medical Innovation Fellows 2015-16



John Matheson, MD

John completed his medical education at Trinity College Dublin, Ireland in 2015 after receiving an undergraduate degree in kinesiology from Acadia University in Canada. He has a keen interest in musculoskeletal health research and, in particular, the applications of additive manufacturing in the reverse engineering of orthopaedic implants. After his experience as an Innovation Fellow at Western University, he hopes to pursue residency training in orthopaedic surgery. Email: jmathe55@uwo.ca



Asha Parekh, PhD(c)

Asha completed her BSc and MEng in the Department of Chemical and Biochemical Engineering and completed her PhD in August 2015 in the Biomedical Engineering Graduate Program at The University of Western Ontario. Her PhD research was conducted under the supervision of Dr. Wankei Wan, with a focus on the durability of bioprosthetic heart valves. Asha's research interests lie in the field of biomaterials and medical devices. Email: aparekh@uwo.ca



Ali Tavallaei, PhD

Ali completed a BSc in electrical engineering and a MSc in electrical control engineering in Iran before completing his PhD in biomedical engineering at The University of Western Ontario. His doctoral research was on the development of an MRI-compatible remote catheter navigation system. He is a researcher, inventor and entrepreneur and is interested in medical devices, mechatronics, surgical robotics and biomedical systems. Ali is also the co-founder and CEO of Vital Biomedical Technologies Inc. Email: mtavalla@uwo.ca