

Halifax Hip and Knee Arthroplasty Fellowship:

Introduction:

The Halifax Hip and Knee Arthroplasty Fellowship strives to provide surgeons with a broad experience with the most advanced techniques in Total Joint Arthroplasty. After completing the fellowship, the fellow would be competent in performing complex primary and revision total hip and knee arthroplasty, including the use of robotic technology. The fellow would be exposed to different approaches to TJA, such as Kinematic Alignment and subvastus approach for robotic assisted TKA as well as Direct Anterior and Direct Superior approaches to total hip replacement, and Anterior, Lateral and Posterior approaches for revision total hip replacement.

Application:

The fellowship accepts 2 fellows per year but can accommodate up to 3. Applications should include a cover letter as well as a recent resume and references upon request from the fellowship. The application should be sent via email to glen.richardson@nshealth.ca. We review applications on September 1st, two years in advance of the fellowship but will accept applications a year in advance depending on availability.

Clinical Sites:

Halifax Infirmary

1796 Summer Street, Halifax NS B3H 4A7

The 450 bed Halifax Infirmary is the main site for the Dalhousie Orthopaedic Residency Training Program. It is also the level one trauma center for province of Nova Scotia. There are 15 orthopaedic surgeons based at the Infirmary covering all the major subspecialties in Orthopaedics.

Dartmouth General Hospital

325 Pleasant St. Dartmouth, NS B2Y 4G8

The 187 bed Dartmouth General Hospital has been recently renovated with a focus on outpatient total hip and knee arthroplasty. There are 5 hip and knee arthroplasty surgeons at this site. The Dartmouth General Hospital provides coverage for the city of Dartmouth, which is across the harbour from Halifax. The two hospitals are approximately 20 minutes apart by car.

Preceptors:

Glen Richardson MD MSc. FRCSC

Halifax Arthroplasty Fellowship Coordinator

Professor of Surgery, Dalhousie University

1796 Summer St, Halifax NS, B3N 4A7

Office: 1 902 473-1641

Email: glen.richardson@nshealth.ca

Dr. Glen Richardson is an orthopaedic surgeon specializing in adult primary and revision hip and knee arthroplasty at the Queen Elizabeth II Health Science Centre. In addition to his medical training, Dr. Richardson received a Master of Science degree in Health Informatics from the University of Victoria, BC. He is a professor of surgery at Dalhousie University. Dr. Richardson has held leadership positions both locally and nationally including President of the Canadian RSA Network, President of the Nova Scotia Orthopaedic Society, Chair of the Canadian Orthopaedic Association Accreditation Committee and President Elect for the Canadian Arthroplasty Society. Presently, Dr. Richardson's research interests include studying the application of innovative technology, such as robotic surgery, to improve surgical outcomes of total hip and knee arthroplasty. Dr. Richardson values collaboration and has contributed to national multicenter studies. As past program director for the Division of Orthopaedic Surgery, Dr. Richardson continues to participate in the surgical education of learners at all levels. Dr. Richardson maintains professional affiliation with the Canadian Orthopaedic Society, Canadian Arthroplasty Society, American Association of Hip and Knee Surgeons, and the International RSA Society.

Jennifer Leighton MD MSc. FRCSC

Email: j.leighton@dal.ca

Dr. Jennifer Leighton is an orthopaedic surgeon specializing in adult primary and revision hip and knee arthroplasty at Dartmouth General Hospital. She is an assistant professor of surgery at Dalhousie University. She also holds a Master of Science in Clinical Trials from the University of London, UK. She completed a fellowship in Adult Lower Extremity Reconstruction at Mount Sinai, University of Toronto. She specializes in robotic- and technology-assisted techniques in both primary and revision hip and knee arthroplasty, as well as minimally-invasive approaches including subvastus approach for primary knee, and direct anterior approach for both primary and revision hip cases. She is on the Canadian Arthroplasty Society Executive and active in the Canadian Orthopaedic Association, Personalized Arthroplasty Society, American Association of Hip and Knee Surgeons, Canadian RSA Network and the International Society for Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine. Research interests include biomechanical and functional outcomes following total joint arthroplasty, optimization of patient care pathways and the impact of technology and personalization in total joint arthroplasty.

Jhase Sniderman MD MSc. FRCSC

Email: jhase.sniderman@nshealth.ca

Dr. Jhase Sniderman is an orthopaedic surgeon specializing in adult primary and revision hip and knee arthroplasty at Dartmouth General Hospital. He is an assistant professor of surgery at Dalhousie University. He utilizes robotic assisted surgery and minimally invasive

techniques including the direct anterior and quadricep sparing approaches to the hip and knee. He is dual fellowship trained in both Orthopaedic Trauma from the University of Toronto and Adult Hip and Knee Reconstruction from Boston University. He completed a Masters of Science at the Institute of Health Policy, Management and Evaluation at the University of Toronto. He is a member of the Canadian Arthroplasty Society Education Committee and was selected as the 2026 Hip Society travelling fellow. His research interests include optimizing orthopaedic care for patients living with obesity, technology assisted surgery and multi-centre clinical trials.

Fellowship Experience:

The Fellowship accepts 2 to 3 fellows per year. The Hip and Knee Arthroplasty Fellows will divide the fellowship between Dartmouth and Halifax. They can expect to be in the OR 2 to 3 days per week and 2 days in clinics. The fellows will take trauma call with the attendings they are assigned with. This is typically 1 in 15 call schedule at the HI and 1 in 8 at the Dartmouth General Hospital. The fellows also cover waitlist days assigned to the preceptors. Participation in the education of residents and medical students is encouraged. Research opportunities will be provided during the fellowship.

Funding:

The fellowship is compensated at \$63,672.00 per year. The fellowship is funded through assistant fees as well as industry funds. The compensation does not include health benefits aside from MSI coverage. Fellows may be able to cover additional call but this would depend on the ability to obtain appropriate licence for independent practice from College of Physicians and Surgeons of Nova Scotia. Fellows are entitled to 4 weeks vacation during the fellowship and will have the airfare, hotel and registration fees for one academic meeting covered during the year.

Location:

Halifax regional municipality is the capital and largest city of Nova Scotia, Canada, with a population of 517,000, making it one of the fastest growing urban centers in Canada. It offers a rare combination of city amenities, including universities, museums, theater a vibrant water front and innovative restaurants, but at the same time a manageable pace of life. Halifax includes easy access to oceans, lakes, trails, national and provincial parks. Due to its status as a regional hub for Atlantic Canada, Halifax has a large airport with regular national and international connections. The proximity to the ocean makes the weather in Halifax temperate compared with more inland Canadian cities.