

# Justin S. Chang MBBS, MRCS (Eng), FRCSC

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## Education & Qualifications

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<b>Master of Engineering (MEng) Candidate</b>	<b>2021 – 2023</b>
Institute of Biomedical Engineering, University of Toronto	
<b>University of Toronto Orthopaedic Sports Medicine (UTOSM) Fellowship</b>	<b>2020 – 2021</b>
<b>Professor Fares S. Haddad Lower Extremity Arthroplasty Fellowship</b>	<b>2019 – 2020</b>
University College London Hospitals & The Princess Grace Hospital – London, UK	
<b>The Royal College of Physicians and Surgeons of Canada – FRCSC Orthopaedic Surgery</b>	<b>2019</b>
<b>University of Toronto (Faculty of Medicine) Orthopaedic Surgery Residency Program</b>	<b>2014 – 2019</b>
Division of Orthopaedic Surgery Chief Resident 2017	
<b>Royal College of Surgeons of England – Membership of the Royal College of Surgeons (MRCS)</b>	<b>2014</b>
<b>St. George's, University of London (United Kingdom) – MBBS Medicine</b>	<b>2006 – 2011</b>
University of London Gold Medal: Runner-up (Top 20 of >1500 candidates at 5 medical schools)	
Professor Tim Northfield Gold Medal: Runner-up (Top 3 of 335 candidates)	
Distinctions in Medical Sciences, Clinical Science, & Clinical Practice (Top 7.5% of 335 candidates)	
<b>Queen's University – Kingston, Canada</b>	<b>2005 – 2006</b>
Completed 1 <sup>st</sup> year of the Bachelor of Science degree	
<b>St. George's High School – Vancouver, Canada</b>	<b>2000 – 2005</b>

## Awards and Prizes

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<b>Journal of Arthroscopy: Best Resident/Fellow Article Award</b>	<b>2020</b>
Higgins J, <b>Chang J</b> , Hoit G, Chahal J, Dwyer T, Theodoropoulos J. Conventional Follow-up Versus Mobile App Home Monitoring for Post-Operative ACL Reconstruction Patients: A Randomized Controlled Trial. <i>Arthroscopy</i> ; 2020 Apr 5; 36(7):1906-1916. PMID 32268161	
<b>University of Toronto Division of Orthopaedics: Best Graduation Debate</b>	<b>2018 – 2019</b>
Awarded to the graduating resident with the best debate during graduation day	



<b>University of Toronto Postgraduate Medical Education: Medical Trainee Leadership Award</b>	<b>2017 – 2018</b>
University award for outstanding initiatives and contribution to the Orthopaedic division	
<b>AOA C. McCollister Evarts Resident Leadership Forum Nominee</b>	<b>2017 – 2018</b>
Nominated to represent the University of Toronto at the AOA resident leadership forum in Boston, USA	
<b>University of Toronto Division of Orthopaedics: James P. Waddell Award</b>	<b>2017 – 2018</b>
Awarded to the PGY-4 with the highest academic achievement	
<b>University of Toronto Division of Orthopaedics: Junior Lawson Award</b>	<b>2017 – 2018</b>
Awarded to the PGY-4 with the highest Orthopaedic Surgery In-Training Exam (OITE) score	
<b>University of Toronto Division of Orthopaedics: Junior Lawson Award</b>	<b>2016 – 2017</b>
Awarded to the PGY-3 with the highest Orthopaedic Surgery In-Training Exam (OITE) score	
<b>University of Toronto Division of Orthopaedics: Junior Lawson Award</b>	<b>2015 – 2016</b>
Awarded to the PGY-2 with the highest Orthopaedic Surgery In-Training Exam (OITE) score	
<b>University of Toronto Division of Orthopaedics: Junior Lawson Award</b>	<b>2014 – 2015</b>
Awarded to the PGY-1 with the highest Orthopaedic Surgery In-Training Exam (OITE) score	
<b>Maidstone &amp; Tunbridge Wells NHS Trust: Certificate of Merit – Leadership</b>	<b>2012-2013</b>
Certificate of Merit for displaying outstanding leadership as a 2 <sup>nd</sup> year foundation doctor	
<b>South Thames Foundation School: Certificate of Merit – Teaching</b>	<b>2011 – 2012</b>
Certificate of Merit for outstanding contribution to teaching as a 1 <sup>st</sup> year doctor (Top 3 of >60 candidates)	
<b>South Thames Foundation School: Certificate of Merit – Leadership</b>	<b>2011 – 2012</b>
Certificate of Merit for displaying outstanding leadership as a 1 <sup>st</sup> year doctor (Top 2 of >60 candidates)	
<b>University of London Gold Medal: Runner-up</b>	<b>2010 – 2011</b>
The University of London MBBS Gold Medal is awarded to the top medical student across all 5 London Medical Schools. (Top 20 of >1500 candidates across 5 London medical schools)	
<b>Professor Tim Northfield Gold Medal: Runner-up</b>	<b>2006 – 2011</b>
Awarded to the top graduating student at St. George's, University of London. (Top 3 of 335 candidates)	
<b>Brackenbury Prize in Medicine and Surgery</b>	<b>2010 – 2011</b>
Awarded to top 4 graduating students at St. George's, University of London. (Top 4 out of 335 candidates)	
<b>British Pharmacology Society Prize in Clinical Pharmacology</b>	<b>2011</b>
Awarded to the top medical student in clinical pharmacology (Highest mark of 335 candidates)	



<b>Society of Apothecaries Prize</b>	<b>2011</b>
Awarded to the top medical student in prescribing and pharmacology (Highest mark of 335 candidates)	
<b>Distinction in Clinical Practice</b>	<b>2010 – 2011</b>
Awarded to the top 7.5% of the medical school class for outstanding achievement in clinical practice	
<b>Distinction in Clinical Science</b>	<b>2008 – 2010</b>
Awarded to the top 7.5% of the medical school class for outstanding achievement in clinical science	
<b>Honarium: For Contribution to the Research Department</b>	<b>2009</b>
Awarded for outstanding contribution to the orthopaedic research department at BC Children's Hospital (Vancouver, Canada)	
<b>Distinction in Medical Science</b>	<b>2006 - 2008</b>
Awarded to the top 7.5% of the medical school class for outstanding achievement in medical science	
<b>Anne Selina Fernee Scholarship</b>	<b>2005 – 2006</b>
Awarded to the top 7.5% of the medical school class 1 <sup>st</sup> year of the MMBS degree	
<b>Academic Achievement Award – Ontario University Athletics</b>	<b>2005 – 2006</b>
Awarded for achieving over 80% in academic courses and being a member of a varsity sport team (rugby).	
<b>Dean's Honour List – Queen's University</b>	<b>2005 – 2006</b>
Awarded for achieving an 80% average in academic courses.	

## Publications

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<b>Arthroscopy Techniques</b>	<b>July 2021</b>
Wengle L, Hauer T, <b>Chang J</b> , Theodoropoulos J. Systemic arthroscopic treatment of synovial chondromatosis of the knee. <i>Arthrosc Tech</i> . Accepted for publication July 2021	
<b>Orthopaedic Journal of Sports Medicine</b>	<b>July 2021</b>
Asokan A, Plastow R, <b>Chang J</b> , Moriarty P, Thompson J, Haddad FS. The Incidence of Venous Thromboembolism in Proximal Hamstring Repair: A Prospective Cohort Study. <i>Orthop J Sports Med</i> . 2021 Jul 19; 9(7): 23259671211012421. PMID: 34350301	
<b>Bone and Joint Open</b>	<b>June 2021</b>
Begum F, Kayani B, Magan A, <b>Chang J</b> , Haddad FS. Current Concepts in TKA: Mechanical, Kinematic, Anatomical, and Functional Alignment. <i>Bone Jt Open</i> . 2021 June; 2(6): 397-404. PMID: 34139884	
<b>The Journal of Patient Safety</b>	<b>March 2021</b>
Moriarty P, <b>Chang J</b> , Kayani B, Roberts L, Bourke N, Dann C, Haddad FS. The Development of a Surgical Oncology Centre During the COVID-19 Pandemic. <i>J Patient Saf</i> . 2021 Mar; 17(2): 81-86. PMID 33635842	

**The Bone and Joint Journal****Feb 2021**

**Chang J**, Ravi B, Jenkinson RJ, Paterson JM, Huang A, Pincus D. Impact of Pre-operative Echocardiography on Surgical Delays and Outcomes Among Adults with Hip Fracture. *Bone Joint J.* 2021 Feb; 103-B(2): 271-278. PMID: 33517719

**The Bone and Joint Journal****Jan 2021**

**Chang J**, Kayani B, Wallace C, Haddad FS. Functional Alignment Achieves Soft Tissue Balance in Total Knee Arthroplasty as Measured with Quantitative Sensor-Guided Technology. *Bone Joint J.* 2021 Jan 20;1-8. PMID: 22467917

**Journal of Arthroplasty****Jan 2021**

**Chang J**, Kayani B, Moriarty P, Tahmassebi J, Haddad FS. A Prospective Randomised Controlled Trial of a Medial-Pivot versus Posterior-Stabilised Total Knee Replacement. *J Arthroplasty.* 2021 May; 36(5): 1583-1589. PMID: 33531176

**The American Journal of Sports Medicine****Jan 2021**

Kayani B, **Chang J**, Singh S, Magan A, Plastow R, Haddad FS. Outcomes of Surgical Repair versus Primary Tenodesis for Proximal Rectus Femoris Avulsion Injuries in Professional Athletes. *AJSM.* 2021 Jan; 49(1): 121-129. PMID: 33381991

**Bone and Joint Open****Jan 2021**

Moriarty P, Kayani B, Wallace C, **Chang J**, Plastow R, Haddad FS. Gentamicin Pre-soaking of Hamstring Autografts Decreases Infection Rates in Anterior Cruciate Ligament Reconstruction. *Bone Jt Open.* 2021 Jan 22; 2(1): 66-71. PMID 33537679

**The Knee****Dec 2020**

Wignadasan W, **Chang J**, Kayani B, Kontoghiorghe CN, Haddad FS. Long-Term Results of Revision Total Knee Arthroplasty using a Rotating Hinge Implant. *Knee.* 2020 Dec; 28:72-80. PMID: 33310668

**EFORT Open Reviews****Nov 2020**

Begum F, Kayani B, **Chang J**, Tansey RJ, Haddad FS. The Management of Proximal Rectus Femoris Avulsion Injuries. *EFORT Open Rev.* 2020 Nov; 5:828-834. PMID: 33312709

**The Bone and Joint Journal****Oct 2020**

**Chang J**, Kayani B, Plastow R, Singh S, Magan A, Haddad FS. Management of Acute Hamstring Injuries: Current Concepts Review. *Bone Joint J.* 2020 Oct;102-B(10):1281-1288. PMID: 32228077

**British Journal of Hospital Medicine****Oct 2020**

Magan A, Kayani B, **Chang J**, Rousot M, Moriarty P, Haddad FS. Artificial Intelligence and Surgical Innovation: Lower Limb Arthroplasty. *Br J Hosp Med (Lond).* 2020 Oct 2;81(10):1-7. PMID: 33135934

**Bone and Joint Open****Sept 2020**

**Chang J**, Wignadasan W, Pradhan R, Kontoghiorghe CN, Kayani B, Haddad FS. Elective Orthopaedic Surgery with a Designated COVID-Free Pathway Results in Low Perioperative Transmission Rates. *Bone Jt Open.* 2020 Nov 1; 1(6):267-271. PMID: 33215113

**Bone and Joint Open****July 2020**

Wallace C, Kontoghiorghe CN, Kayani B, **Chang J**, Haddad FS. The Impact of COVID-19 on Trauma & Orthopaedic Surgery in the United Kingdom. *Bone Jt Open*. 2020 July 15;1(7):420-423. PMID: 33215133

**Bone and Joint Open****July 2020**

**Chang J**, Wignadasan W, Kontoghiorghe CN, Kayani B, Singh S, Plastow R, Magan A, Haddad FS. Restarting Elective Orthopaedic Services During the COVID-19 pandemic: Do Patients Want to Have Surgery? Authors' reply. <https://online.boneandjoint.org.uk/doi/suppl/10.1302/2046-3758.16.BJO-2020-0057>

**Bone and Joint Open****June 2020**

**Chang J**, Wignadasan W, Kontoghiorghe CN, Kayani B, Singh S, Plastow R, Magan A, Haddad FS. Restarting Elective Orthopaedic Services During the COVID-19 pandemic: Do Patients Want to Have Surgery? *Bone Jt Open*. 2020 Sep 14;1(9):562-567. PMID: 33215155

**Journal of Arthroplasty****June 2020**

**Chang J**, Wallace C, Kayani B, Moriarty P, Tahmassebi J, Haddad FS. Long Term Results of Revision Total Hip Arthroplasty Using a Modern Extensively Porous Coated Femoral Stem. *J Arthroplasty*. 2020 Dec;35(12):3697-3702. PMID: 32713726

**The Bone and Joint Journal****April 2020**

Kayani B, Konan S, Ahmed S, **Chang J**, Haddad FS. The effect of anterior cruciate ligament resection on knee biomechanics. *Bone Joint J*. 2020 Apr;102-B(4):442-448. PMID: 32228066

**Journal of Arthroscopy****April 2020**

Higgins J, **Chang J**, Hoit G, Chahal J, Dwyer T, Theodoropoulos J. Conventional Follow-up Versus Mobile App Home Monitoring for Post-Operative ACL Reconstruction Patients: A Randomized Controlled Trial. *Arthroscopy*; 2020 Apr 5; 36(7):1906-1916. PMID: 32268161

**AO Recon Surgical Insights****April 2020**

**Chang J**, Roussot M, Magan A, Vles G, Haddad FS. Symposium on Computer-Assisted Surgery. Manuscript featured in AO Recon Surgical Insights. <https://aorecon.aofoundation.org/education/surgical-insights/213.html>

**The Bone and Joint Journal****April 2020**

**Chang J**, Haddad FS. Long-Term Survivorship of Hip and Knee Arthroplasty. *Bone Joint J*. 2020 Apr;102-B(4):401-402. PMID: 32228077

**Journal of Clinical Orthopaedics and Trauma****Jan 2020**

**Chang J**, Haddad FS. Revision Total Hip Arthroplasty for Metal-on-Metal Failure. *J Clin Orthop Trauma*. 2020 Jan-Feb;11(1):9-15. PMID: 32001977

**BMJ Open Quality****July 2019**

**Chang J**, Bhanot K, Grant S, Fecteau A, Camp M. Surgical trainees' beliefs regarding trainees' intra-operative participation and its explanation during the informed consent process in a paediatric setting: a qualitative study. *BMJ Open Quality*. 2019 July 19; 8(3):e000559. PMID: 31414057



## Arthroscopy Techniques

Oct 2017

**Chang J**, Higgins J, Kosy J, Theodoropoulos J. Systemic arthroscopic treatment of diffuse PVNS in the knee. *Arthrosc Tech*. 2017 Oct 12;6(5):e1547-e1551. PMID: 29354472

## Journal of Paediatric Orthopaedics

April 2011

Varghese RA, **Chang J**, Miyajima F, Reilly CW, Mulpuri K. Publication of abstracts submitted to the annual meeting of the Pediatric Orthopedic Society of North America: Is there a difference between accepted versus rejected abstracts? *J Pediatr Orthop*. 2011 Jun;31(4):474. PMID: 21415697

## Publications - Submitted

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### Archives of Orthopaedic and Trauma Surgery

July 2021

Kayani B, Plastow R, Wallace C, **Chang J**, Haddad FS. Robotic-assisted revision total knee arthroplasty with intraoperative pressor sensor technology to assess soft tissue balance. Under Peer Review.

## Book Chapters

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### Orthopaedic Knowledge Update (OKU) Hip & Knee

Jan 2021

**Chang J**, Kayani B, Haddad FS. Book Chapter: Computer Navigation and Robotics in Total Hip Arthroplasty. OKU Hip & Knee Volume 6. Published Jan 2021

### Infection in Knee Replacement

April 2020

Wignadasan W, **Chang J**, Roussot M, Oussedik S. Book Chapter: Complications. Accepted for publication

### Infection in Knee Replacement

April 2020

Roussot M, **Chang J**, Wignadasan W, Oussedik S. Book Chapter: Arthroplasty Following Prior Septic Arthritis. Accepted for publication



## Presentations & Abstracts

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### **American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting**

**Nov 2020**

**Chang J**, Kayani B, Tahmassebi J, Singh S, Haddad FS. A Prospective Randomised Controlled Trial of a Medial-Pivot versus Posterior-Stabilised Total Knee Replacement. Poster presentation accepted.

### **American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting**

**Nov 2020**

Wignadasan W, **Chang J**, Kayani B, Kontoghiorghe CN, Haddad FS. Long-Term Results of Revision Total Knee Arthroplasty using a Rotating Hinge Implant. Poster presentation accepted.

### **British Orthopaedic Association (BOA) Annual Meeting**

**Sept 2020**

Wignadasan W, **Chang J**, Kayani B, Kontoghiorghe CN, Haddad FS. Long-Term Results of Revision Total Knee Arthroplasty using a Rotating Hinge Implant. Podium Presentation.

### **British Orthopaedic Association (BOA) Annual Meeting**

**Sept 2020**

**Chang J**, Wallace C, Kayani B, Moriarty P, Tahmassebi J, Haddad FS. Long Term Results of Revision Total Hip Arthroplasty Using a Modern Extensively Porous Coated Femoral Stem. Poster Presentation.

### **British Orthopaedic Association (BOA) Annual Meeting**

**Sept 2020**

Moriarty P, Wallace C, **Chang J**, Haddad FS. Soaking Hamstring Graft with Gentamicin Decreases Deep Infection Rates in ACL Reconstruction. Podium Presentation.

### **Canadian Orthopaedic Association Annual Meeting**

**June 2019**

**Chang J**, Plncus D, Jenkinson RJ, Wasserstein D, Ravi B. Impact of Pre-operative Echocardiography on Surgical Delays and Outcomes Among Adults with Hip Fracture. Podium presentation.

### **International Combined Orthopaedic Research Societies Meeting**

**June 2019**

**Chang J**, Plncus D, Jenkinson RJ, Wasserstein D, Ravi B. Association between preoperative echocardiography and postoperative mortality and medical costs among adults with hip fracture. Poster presentation.

### **Canadian Orthopaedic Association Annual Meeting**

**June 2019**

**Chang J**, Bhanot K, Grant S, Fecteau A, Camp M. Surgical trainees' beliefs regarding trainees' intra-operative participation and its explanation during the informed consent process in a paediatric setting: a qualitative study. Podium presentation.

### **Bioethics 13<sup>th</sup> World Conference in Bioethics, Medical Ethics, and Health Law**

**Nov 2018**

**Chang J**, Bhanot K, Grant S, Fecteau A, Camp M. Surgical trainees' beliefs regarding trainees' intra-operative participation and its explanation during the informed consent process in a paediatric setting: a qualitative study. Podium presentation.



### **European Orthopaedic Research Society Annual Meeting**

**Sept 2018**

**Chang J**, Bhanot K, Grant S, Camp M. Surgeons beliefs regarding trainees' intra-operative participation and its explanation during the informed consent process in a paediatric setting: a qualitative study. Podium presentation.

### **Canadian Orthopaedic Residents Association Annual Meeting**

**June 2018**

Higgins J, **Chang J**, Hoit G, Chahal J, Dwyer T, Theodoropoulos J. Conventional Follow-up Versus Mobile App Home Monitoring for Post-Operative ACL Reconstruction Patients: A Randomized Controlled Trial. Interim Results. Podium presentation

### **Canadian Orthopaedic Association Annual Meeting**

**June 2016**

**Chang J**, Tjong V, Whelan DB. External rotation vs internal rotation immobilization following anterior shoulder dislocation: a qualitative investigation of their effects on daily function. *Canadian Orthopaedic Association*. Poster presentation

### **South East of England Regional Circuit Meeting**

**March 2013**

**Chang J**, Young B, Burns S, David L, Slater G. Factors affecting immediate mobilization following joint replacement. *South East of England Regional Circuit Meeting*. Podium presentation

### **Guy's and St. Thomas' Hospital Trust Audit Conference**

**June 2012**

**Chang J**, Jenkins M, Zayed H. Referral rates to smoking cessation services in the vascular surgery department at Guy's and St. Thomas' Hospital. Podium presentation

### **Paediatric Orthopaedic Society of North America (POSNA)**

**May 2010**

Varghese RA, **Chang J**, Miyanji F, Reilly CW, Mulpuri K. Publication of abstracts submitted to the annual meeting of the Pediatric Orthopedic Society of North America: Is there a difference between accepted versus rejected abstracts? *Paediatric Orthopaedic Society of North America*. Poster presentation.

### **Canadian Orthopaedic Association**

**July 2010**

Varghese RA, **Chang J**, Miyanji F, Reilly CW, Mulpuri K. Publication of abstracts submitted to the annual meeting of the Pediatric Orthopedic Society of North America: Is there a difference between accepted versus rejected abstracts? *Canadian Orthopaedic Association*. Poster presentation

## **Current Projects**

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### **Return to Sport After Total Joint Arthroplasty: A Qualitative Study**

**August 2020**

**Chang J**, Ogilvie-Harris D. Data Collection in Progress

### **Return to Sport After ACL Reconstruction in Professional Athletes: A Qualitative Study**

**August 2020**

Betch M, **Chang J**, Theodoropoulos J. Data Analysis in Progress

### **Establishing the Relationship Between Post-Operative Pudendal Nerve Palsy and Table Traction During Hip Arthroscopy in Adults**

**August 2020**

Hoit G, Whelan DB, Chahal J, **Chang J**, Grober E, Anastakis D, Farag J, Dwyer T. Protocol written





**Use of an Artificial Intelligence System for Enhancing Post-Operative Recovery in Hip Arthroscopy Patients: A Quality Improvement Pilot Study** **August 2020**

Higgins J, **Chang J**, Chahal J, Whelan DB, Ogilvie-Harris D, Watkins E, Kiroplis I, Knight D, Dwyer T. Data collected

## **Other Research Experience & Quality Improvement**

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<b>Reviewer – The Bone &amp; Joint Journal</b>	<b>2019 – present</b>
<b>Reviewer – The Journal of Arthroplasty</b>	<b>2021 – present</b>
<b>Reviewer – Bone &amp; Joint Open Journal</b>	<b>2019 – present</b>
<b>Sick Kids Paediatric Orthopaedic Clinical Pathways</b>	<b>2019</b>
<b>Chang J</b> , Peck J, Camp M. SickKids Paediatric Orthopaedic Clinical Pathways (SKPOPs): Distal humerus medial epicondyle fractures. <i>SickKids Hospital</i> . 2019.	
<b>SickKids Paediatric Orthopaedic Clinical Pathways</b>	<b>2016</b>
Peck J, Ganeshalingam R, <b>Chang J</b> , Camp M. SickKids Pediatric Orthopaedic Clinical Pathways: Lateral Condyle Fractures. <i>SickKids Hospital</i> . 2016. <a href="http://www.sickkids.ca/pop/tip/elbow/lateral-condyle-fractures/">http://www.sickkids.ca/pop/tip/elbow/lateral-condyle-fractures/</a>	
<b>QI project – Time to mobility post-operatively in THR and TKR – QI project</b>	<b>Oct-Nov 2012</b>
<b>QI project – Intraoperative Tissue Sampling in Revision Arthroplasty</b>	<b>Oct-Nov 2012</b>
<b>QI project – DNAR Decisions &amp; Ceiling of Treatment Documentation</b>	<b>Oct-Nov 2012</b>



## Teaching & Education

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<b>University of Toronto Department of Surgery – Lecturer</b>	<b>2021 – Present</b>
<b>University College London (UCL) – Lecturer for Orthopaedic Surgery MSc.</b>	<b>2019 – 2020</b>
<b>University College London (UCL) – Faculty for ST3 Orthopaedic Interview Course</b>	<b>2019 – 2020</b>
<b>Stryker Mako Robot Certified for TKA, UKA, and THA</b>	<b>2019</b>
<b>University of Toronto Division of Orthopaedics – Co-director Orthopaedic Prep Camp</b>	<b>2018</b>
Responsible for organizing and teaching the 3-week Orthopaedic Prep Camp for junior orthopaedic trainees	
<b>University of Toronto Division of Orthopaedics – Director Medical Student Orthopaedic Teaching</b>	<b>2014 – Present</b>
Organized, designed curriculum, and taught bi-weekly sessions for medical students. Curriculum focused on basic orthopaedic principles and surgical skills on saw bones.	
<b>University of Toronto Division of Orthopaedics – Residency Interview Committee</b>	<b>2014 – 2019</b>
<b>University of Toronto Division of Orthopaedics – Orthopaedic Prep Camp Instructor</b>	<b>2015 – 2019</b>
<b>University of Toronto Division of Orthopaedics – Orthopaedic Elective Skills Camp</b>	<b>2015 – 2019</b>
<b>University of Toronto Division of Surgery – Prelude to Surgery instructor</b>	<b>2015 – 2019</b>
<b>Med School 101 – Vancouver, Canada</b>	<b>2007 – 2011</b>
Initial developer of this course aimed for high school students interested in pursuing a career in medicine. It is now a successful annual course run by St. George's Summer School in Vancouver, Canada.	
<b>Clinical Skills Tutor – St. George's University of London</b>	<b>2009 – 2014</b>
<b>St. George's University of London Self-Meducate Revision Course – Primary lecturer</b>	<b>2012 – 2014</b>
<b>Surgical Tutor – Tunbridge Wells Hospital</b>	<b>2013 - 2014</b>
<b>Medical Education Tutor – King's College London Medical School</b>	<b>2011 – 2012</b>
<b>Suturing Instructor – King's College Medical School</b>	<b>2012</b>
<b>Medical School Interviewer – St. George's University of London</b>	<b>2009 - 2010</b>



## Leadership & Management

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<b>AAOS Resident Assembly – University of Toronto Representative</b>	<b>2017 – 2019</b>
<b>COA (Canadian Orthopaedic Association) Resident Forum – University of Toronto Representative</b>	<b>2017 – 2019</b>
<b>University of Toronto Division of Orthopaedics – Chief Resident</b>	<b>2016 – 2017</b>
<b>University of Toronto Division of Orthopaedics – Residency Interview Committee</b>	<b>2014 – Present</b>
<b>University of Toronto Division of Orthopaedics – Website Advisory Committee</b>	<b>2015 – Present</b>
<b>University of Toronto Division of Orthopaedics – Social Representative</b>	<b>2015 – 2016</b>
<b>Foundation Faculty Representative – Tunbridge Wells Hospital</b>	<b>2012 – 2013</b>
<b>Med School 101 – Vancouver, Canada</b>	<b>2007 – Present</b>

Honorary senior advisor to the senior lecturers and course designers.

## Extra-Curricular Interests and Activities

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<b>Rugby</b>	<b>2000 – Present</b>
St. George's Hospital Medical School RFC Doctor's XV Captain	2011 – 2012
St. George's Hospital Medical School RFC 1 <sup>st</sup> XV	2006 – 2011
St. George's Hospital Medical School RFC – Club Secretary	2009 – 2010
St. George's, University of London – Sports Player of the Year	2008 – 2009
St. George's Hospital Medical School RFC – 1 <sup>st</sup> XV Vice-Captain	2008 – 2009
United Hospital's RFC 1 <sup>st</sup> XV	2008 – 2012
St George's Hospital Medical School RFC – Rookie of the Year	2006 – 2007
Ontario University Athletics – All-Star	2005 – 2006
Queen's University RFC 1 <sup>st</sup> XV	2005 – 2006
Queen's University RFC – Rookie of the Year	2005 – 2006
Alfie Pierce Trophy Finalist – Awarded to top freshman athlete at Queen's University	2005 – 2006
<b>St. George's University of London Students' Union – Sports Officer</b>	<b>2008 – 2009</b>
<b>Royal Conservatory of Music – A.R.C.T Piano Performance Diploma</b>	<b>2003</b>
<b>Canadian Association of Snowboard Instructors – Qualified Instructor</b>	<b>2003 – Present</b>
<b>Canadian Association of Disabled Skiers – Qualified Instructor</b>	<b>2003 – Present</b>



## Affiliations

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College of Physicians and Surgeons of Ontario	2014 - Present
Ontario Medical Association	2014 - Present
Canadian Medical Protective Association	2014 – Present
Canadian Orthopaedic Association	2014 - Present
American Association of Orthopaedic Surgeons	2014 – Present
Royal College of Surgeons (England)	2014 – Present
General Medical Council	2011 - Present

## References

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Dr. Peter Ferguson	– Staff Orthopaedic Surgeon; Chair, Division of Orthopaedic Surgery; (Toronto, Canada); email: <a href="mailto:Peter.Ferguson@sinaihealthsystem.ca">Peter.Ferguson@sinaihealthsystem.ca</a>
Professor Fares Haddad	– Consultant Orthopaedic Surgeon; Divisional Clinical Director University College London Hospital, Director ISEH, Chief Medical Officer NFL in the UK, Orthopaedic Medical Director HCA UK, Program Director, UCH Orthopaedic Rotation. <a href="mailto:fsh@fareshaddad.net">fsh@fareshaddad.net</a>
Dr. Markku Nousiainen	– Staff Orthopaedic Surgeon; University of Toronto Residency Program Director; Sunnybrook Hospital (Toronto, Canada); email: <a href="mailto:Markku.Nousiainen@sunnybrook.ca">Markku.Nousiainen@sunnybrook.ca</a>
Mr. Samir Oussedik	– Consultant Orthopaedic Surgeon; Head of The Division of Orthopaedic Surgery. University College London Hospitals; email: <a href="mailto:s.oussedik@nhs.net">s.oussedik@nhs.net</a>
Dr. John Theodoropoulos	– Staff Orthopaedic Surgeon; University of Toronto Orthopaedic Sports Medicine (UTOSM) Fellowship Director; Mount Sinai Hospital (Toronto, Canada); email: <a href="mailto:John.Theodoropoulos@sinaihealthsystem.ca">John.Theodoropoulos@sinaihealthsystem.ca</a>
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