

CONTACT INFORMATION

Children's Hospital of Eastern Ontario (CHEO)
401 Smyth Road
Ottawa, Ontario
K1H 8L1
613-737-7600 x2700

CURRENT POSITION

Staff Orthopaedic Surgeon Sept 2021 – Ongoing
Children's Hospital of Eastern Ontario (CHEO), Ottawa ON

EDUCATION

Pediatric Orthopaedic Fellowship Aug 2020 – July 2021
Boston Children's Hospital/Harvard Medical School, Boston MA

Orthopaedic Surgery Residency Jul 2013 – June 2020
University of Ottawa/The Ottawa Hospital, Ottawa ON

Master of Arts in Education, Health Professions Education Sep 2015 – Mar 2018
University of Ottawa, Ottawa ON

uOSSC/AIME Medical Education and Simulation Fellowship Sep 2015 – June 2016
University of Ottawa/The Ottawa Hospital, Ottawa ON

Doctor of Medicine Sep 2009 – May 2013
Queen's University, Kingston ON

Master of Science, Physical Therapy Sep 2007 – Aug 2009
Queen's University, Kingston ON

Bachelor of Education Sep 2006 – Apr 2007
Queen's University, Kingston ON

Bachelor of Physical and Health Education Sep 2002 – Apr 2006
Queen's University, Kingston ON

Bachelor of Science (Biology) Sep 2002 – Apr 2006
Queen's University, Kingston ON

CERTIFICATION

Royal College of Physicians and Surgeons of Canada Nov 2020
Fellow

United States Medical Licensing Exam (USMLE) Apr 2018
Completion of steps 1, 2CK, 2CS, 3

Licentiate of the Medical Council of Canada (LMCC) June 2015

Canadian Alliance of Physiotherapy Regulators Jan 2010

LICENSURE

College of Physicians and Surgeons of Ontario Independent Practice	June 2021 - Ongoing
Massachusetts Board of Registration in Medicine Limited Registration	Aug 1 2020 – July 31 2021
College of Physicians and Surgeons of Ontario Resident Physician	July 2013 – June 2020
College of Physiotherapists of Ontario Registered Physiotherapist	Mar 2010 – Mar 2012

PUBLICATIONS

1. **Seth A**, Yen YM, Tourn D, Smit K, Carsen S. A Unique and Characteristic Cam FAI Morphology in Young Patients with Comorbid Inflammatory Conditions. *J Bone Joint Surg Am.* 2020 Nov;102 (Suppl 2):15-21.
2. **Seth A**, Dobransky J, Albishi W, Dervin GF. Mid-term Evaluation of the Unicompartmental Knee Arthroplasty in Patients with BMI of 40 or Greater. *J Knee Surg.* 2019 Sep 10. [Epub ahead of print].
3. **Seth A**, Roffey DM, Wai EK. Critical Appraisal of the Literature: Systematic Reviews and Meta-Analyses. *COA Bulletin.* Winter 2015;107:9-10.

PRESENTATIONS

1. **Seth S**, Watkins C, Miller P, Shore B. Anterior distal femoral hemiepiphysiodesis in children with fixed knee flexion deformities: Does screw location matter? Podium presentation at American Academy for Cerebral Palsy and Developmental Medicine Annual Meeting (Las Vegas NV, September 2022).
2. **Seth S**, Watkins C, Miller P, Shore B. The effect of sagittal screw position on lateral physeal angle change in anterior distal femoral hemiepiphysiodesis in children with fixed knee flexion deformities. Podium presentation at Canadian Orthopaedic Association Annual Meeting (Quebec City QC, June 2022).
3. **Seth S**, Shore B, Melvin P, Berry J. The impact of urinary tract infections on hospital stay and costs after hip surgery in children with neurologic complex chronic conditions. Podium presentation at Canadian Orthopaedic Association Annual Meeting (Quebec City QC, June 2022).
4. **Seth S**, Watkins C, Miller P, Shore B. Anterior distal femoral hemiepiphysiodesis in children with fixed knee flexion deformities: Where should the screws go? Podium presentation at European Pediatric Orthopaedic Society Annual Meeting (Copenhagen, Denmark, April 2022).
5. **Seth S**, Shore B, Melvin P, Berry J. Urinary tract infections increase hospital stay and costs after hip surgery in children with neurologic complex chronic conditions. Podium presentation at American Academy for Cerebral Palsy and Developmental Medicine Annual Meeting (Quebec City QC, October 2021).
6. Tourn D, **Seth S**, Smit K, Carsen S. Comorbid Conditions in Pediatric Patients Presenting with Femoroacetabular Impingement. Poster at Canadian Orthopaedic Association Annual Meeting (Montreal QC, June 2019).
7. **Seth S**, Yen YM, Tourn D, Smit K, Carsen S. Pediatric Patients with FAI and Inflammatory Comorbidities Have a Characteristic Cam Deformity: A Pilot Study. Podium presentation at Pediatric Research in Sports

Medicine Annual Meeting (Atlanta GA, January 2019).

8. **Seth S**, Yen YM, Tourn D, Smit K, Carsen S. A Characteristic and Unique Cam Morphology is Observed in Pediatric Patients with FAI and Inflammatory Comorbidities: A Preliminary Analysis. Poster presentation at International Society for Hip Arthroscopy Annual Scientific Meeting (Melbourne, Australia, October 2018).

9. Tourn D, **Seth S**, Smit K, Carsen S. Comorbidities in Pediatric Patients with FAI. Poster presentation at International Society for Hip Arthroscopy Annual Scientific Meeting (Melbourne, Australia, October 2018).

10. **Seth S**, Moulton C, Wood T, Gofton W. Surgeon Collaboration in the Learning and Implementation of New Procedures. Podium presentation at Association for Surgical Education Annual Meeting (Austin TX, May 2018).

11. **Seth S**, Moulton C, Wood T, Gofton W. A framework for Understanding the Surgeon Experience of Learning New Skills in Practice. Podium presentation at Society for Academic Continuing Medical Education Annual Meeting (San Antonio TX, April 2018).

12. **Seth S**, Moulton C, Wood T, Gofton W. Learning New Skills in Practice: Factors influencing acquisition and implementation. Podium presentation at Canadian Orthopaedic Association Annual Meeting (Ottawa ON, June 2017).

13. **Seth S**, Moulton C, Wood T, Gofton W. Learning New Skills in Practice: The Factors Influencing the Acquisition of Skills (FIAS) Model. Podium presentation at Canadian Orthopaedic Resident's Association Annual Meeting (Ottawa ON, June 2017).

14. **Seth S**, Moulton C, Wood T, Gofton W. Learning New Skills in Practice: How surgeons adopt and implement new procedures. Poster presentation at University of Ottawa Department of Surgery Collins Day (Ottawa ON, May 2017).

15. **Seth S**, Moulton C, Wood T, Gofton W. Learning New Skills in Practice: How surgeons adopt and implement new procedures. Podium presentation at Meridith Marks Day (Ottawa ON, April 2017).

16. **Seth A**, Dervin G. Midterm evaluation of Oxford unicompartmental knee arthroplasty (UKA) in patients with BMI of 40 or greater. Podium presentation at Canadian Orthopaedic Association Annual Meeting (Vancouver BC, June 2015).

17. Gofton W, Dudek N, Balla F, Hamstra S, Wood T, Papp S, **Seth S**. The OSCORE (Ottawa Surgical Competency Operating Room Evaluation) – A Validated Tool to Evaluate Surgical Competence. Podium presentation at Canadian Orthopaedic Association Annual Meeting (Ottawa ON, June 2012).

18. Dalgarno N, **Seth S**, O'Riordan A, Paterson M. Interprofessional Education through Team-Based Learning – The IP Teamwork Huddle. Podium presentation at Collaborating Across Borders III (Tucson AZ, November 2011).

19. Dalgarno N, **Seth S**, Meyerman B, O'Riordan A, Johnston J, Paterson M, Aiken A, Jones, C. Interprofessional Education for Students – The Collaborative IP Teamwork Huddle. Podium presentation at Canadian Conference on Medical Education (Toronto ON, May 2011).

20. Dalgarno N, **Seth S**, Meyerman B, O'Riordan A, Johnston J, Paterson M, Aiken A, Jones, C. The Collaborative Interprofessional Teamwork Huddle: Immersing Students in IPE. Podium presentation at IPE Ontario (Toronto ON, January 2011).

RESEARCH FUNDING

1. **Seth A.** Learning new skills in practice: How surgeons make a risk assessment and know when and how to implement new procedures. Ontario Graduate Scholarship 2016 - \$15,000
2. **Seth S,** Gofton W, Moulton C, Wood T. Learning new skills in practice: How surgeons make a risk assessment and know when and how to implement new procedures. Royal College of Physicians and Surgeons of Canada Medical Education Research Grant 2016 – \$25,000
3. **Seth S,** Gofton W, Moulton C, Zilbert N, Wood T. Learning new skills in practice: How surgeons make a risk assessment and know when and how to implement new procedures. University of Ottawa PGME Educational Initiatives in Residency Education Grant 2016 - \$24,230
4. **Seth S,** Gofton W, Moulton C, Wood T. Learning new skills in practice: How surgeons make a risk assessment and know when and how to implement new procedures. PSI Resident Research Grant 2016 - \$20,000
5. Gofton W, Rekman J, Dudek N, **Seth S,** Lortie K, Wood T. Ottawa Clinical Assessment Tool: How much rater training is necessary? University of Ottawa PGME Educational Initiatives in Residency Education Grant 2015 - \$17,925

ONGOING RESEARCH ACTIVITIES

1. Maier SP, Wang K, **Seth A,** Shore B, Watkins C. Utilizing the medial genicular arterial system as an anatomic guide for 8-plate placement: a technical trick. *Submitted for publication.*
2. **Seth A,** Watkins C, Miller P, Shore B. Guided growth for correcting knee flexion contractures in cerebral palsy: The importance of screw positioning. *Manuscript in progress.*
3. **Seth A,** Shore B, Melvin P, Berry J. Urinary tract infections increase hospital stay and costs after hip surgery in children with neurologic complex chronic conditions. *Manuscript in progress.*

ADDITIONAL EDUCATION/QUALIFICATIONS

Leadership Seminar for Surgical Fellows Boston Children's Hospital/Harvard Medical School, Boston MA	Aug 2020 – June 2021
Tom Smallman Canadian Orthopaedic Association Basic Science Course Canadian Orthopaedic Association, Ottawa ON	Oct 2018
Clinician Investigator Program University of Ottawa, Ottawa ON	Sep 2015 – Aug 2017
AO Trauma Basic Principles of Fracture Management AO Foundation, Toronto ON	Nov 2014
Principles and Practice of Clinical Research Course Canada Medical Education, Hamilton ON	Sep 2014

ACHIEVEMENTS

Young Researcher Award Society for Academic Continuing Medical Education	April 2018
Best Education Research Poster	May 2017

Department of Surgery Collins Day, University of Ottawa, Ottawa ON

Award of Excellence in Interprofessional Education and Practice Nov 2011
Office of Interprofessional Education & Practice, Queen's University, Kingston ON

Award of Merit in Interprofessional Education and Practice Nov 2010
Office of Interprofessional Education & Practice, Queen's University, Kingston ON

ACTIVE MEMBERSHIPS

Member Sept 2021 - Ongoing
Canadian Paediatric Orthopaedic Group

Member Apr 2021 - Ongoing
American Academy for Cerebral Palsy and Developmental Medicine

Candidate Active Member Mar 2021 - Ongoing
Pediatric Orthopaedic Society of North America

Member Sept 2013 – Ongoing
Canadian Orthopaedic Association

Member Sep 2009 – Ongoing
Ontario Medical Association