

EWEN LAVOIE

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EDUCATION

University of Alberta

Doctor of Philosophy (Kinesiology, Sport, and Recreation / Neuroscience)	2017 - Present
Supervisors: Dr. Craig Chapman & Dr. Jacqueline Hebert	
Thesis: <i>The Integration of Vision and Touch for Embodiment in Virtual Reality</i>	
Master of Science (Kinesiology, Sport, and Recreation)	2015 - 2017
Supervisors: Dr. Craig Chapman & Dr. Jacqueline Hebert	
Thesis: <i>Exploring Normative Eye Movement Patterns in Functional Tasks</i>	
Bachelor of Education	2009 - 2011
Bachelor of Science (Biology, Minor: Mathematics)	2005 - 2009

PUBLICATIONS

8. **Lavoie, E.B.**, & Chapman C.S. (2020). Whats limbs got to do with it? Real-world movement correlates with feelings of ownership over virtual arms during object interactions in virtual reality. Manuscript accepted for publication to Neuroscience of Consciousness.
7. Wispinski, N.J., Stone, S.A., Bertrand, J.K., Ouellette Zuk, A.A., **Lavoie, E.B.**, Gallivan, J.P., & Chapman C.S. (2020). Reaching for known unknowns: Rapid reach decisions accurately reflect the future state of dynamic probabilistic information. Manuscript under review at Cortex. Preprint available on bioRxiv: doi: <https://doi.org/10.1101/2020.07.31.231563>
6. Hebert J.S., Boser Q.A., Valevicius A.M., Tanikawa, H., **Lavoie, E.B.**, Vette A.H., Pilarski, P.M., & Chapman C.S. (2019). Quantitative eye gaze and movement differences in visuomotor adaptations to varying task demands among upper-extremity prosthesis users. Journal of the American Medical Association Network Open, 2(9), e1911197-e1911197.
5. Valevicius, A.M., Boser, Q.A., **Lavoie, E.B.**, Chapman, C.S., Pilarski, P.M., Hebert, J.S., & Vette, A.H. (2019). Characterization of normative angular joint kinematics during two functional upper limb tasks. Gait & Posture, 69, 176-186.
4. **Lavoie, E.B.**, Valevicius, A.M., Boser, Q.A., Kovic, O., Vette, A.H., Pilarski, P.M., Hebert, J.S., & Chapman, C.S. (2018). Using synchronized eye and motion tracking to determine high-precision eye movement patterns during object-interaction tasks. Journal of Vision, 18(6):18, 1-20. doi:10.1167/18.6.18
3. **Lavoie, E.B.**, Bertrand, J.K., Stone, S.A., Wispinski, N.J., Sawalha, J., & Chapman, C.S. (2018). Examining the "species" of situated cognition in humans. Comparative Cognition & Behavior Reviews, 13, 31-34. doi: 10.3819/CCBR.2017.120003
2. Valevicius, A.M., Boser, Q.A., **Lavoie, E.B.**, Murgatroyd, G.S., Pilarski, P.M., Chapman, C.S., Vette, A.H. & Hebert, J.S. (2018). Characterization of normative hand movements during two functional upper limb tasks. PloS one, 13(6), e0199549.
1. Boser, Q.A., Valevicius, A.M., **Lavoie, E.B.**, Chapman, C.S., Pilarski, P.M., Hebert, J.S., & Vette, A.H. (2018). Cluster-based upper body marker models for three-dimensional kinematic analysis: Comparison with an anatomical model and reliability analysis. Journal of Biomechanics, 72, 228-234.

ACADEMIC AWARDS & HONOURS

Entrepreneurship Seed Grant (\$15,000) Campus Alberta Neuroscience	2021
Graduate Research Assistant Fellowship (\$1,000) Faculty of Kinesiology, Sport, and Recreation, University of Alberta	2021
President's Doctoral Prize of Distinction (\$5,800) University of Alberta	2020
Best Oral Presentation, Neuroscience and Mental Health Research Day (\$200) Neuroscience Graduate Student Association, University of Alberta	2020
EPS Study Visit Grant (£3,000) Experimental Psychology Society	2020
President's Doctoral Prize of Distinction (\$5,800) University of Alberta	2019
NSERC Postgraduate Scholarship - Doctoral (\$63,000) Natural Sciences and Engineering Research Council of Canada	2018
President's Doctoral Prize of Distinction (\$10,000) University of Alberta	2018
European Space Agency Scholarship (€12,000, declined offer) International Space University	2018
Academic Travel Award (\$500) Graduate Students' Association, University of Alberta	2017
Doctoral Recruitment Scholarship (\$5,000) Faculty of Graduate Studies and Research, University of Alberta	2017
Graduate Tuition Award (\$2,000) Faculty of Kinesiology, Sport, and Recreation, University of Alberta	2017
Academic Travel Award (\$500) Graduate Students' Association, University of Alberta	2017
Academic Travel Grant (\$500) Faculty of Kinesiology, Sport, and Recreation, University of Alberta	2017
European Space Agency Scholarship (€16,000, declined offer) International Space University	2017
Graduate Student Scholarship (\$3,000) Government of Alberta	2017
Graduate Student Travel Award (\$2,000) University of Alberta	2016
Walter H. Johns Graduate Fellowship (\$5,700) University of Alberta	2016
Alexander Graham Bell Canada Graduate Scholarship - Master's (\$17,500) Natural Sciences and Engineering Research Council of Canada	2016
Best Oral Presentation, ReCon V (\$125) Faculty of Kinesiology, Sport, and Recreation, University of Alberta	2015
First Class Standing Faculty of Education, University of Alberta	2011
Jason Lang Scholarship (\$1000) Government of Alberta	2010
Jason Lang Scholarship (\$1000) Government of Alberta	2007
Jason Lang Scholarship (\$1000) Government of Alberta	2006
Academic All-Canadian Canadian Inter-University Sport	2006

Academic Excellence Scholarship (\$2000) University of Alberta	2005
Alexander Rutherford Scholarship (\$2500) Government of Alberta	2005

ADDITIONAL ACADEMIC TRAINING

Neuroscience Entrepreneurship Workshop Campus Alberta Neuroscience	2019
Designing Your Future Career Conference Campus Alberta Neuroscience	2019
Freedom Week Summer School Institute for Liberal Studies	2018

RESEARCH EXPERIENCE

Action in Complex Environments Lab, Kinesiology, Sport, and Recreation, UAlberta Graduate Student Supervisors: Dr. Craig S. Chapman	September 2015 - Present
Hand Proprioception and Touch Interfaces Project, Defense Advanced Research Projects Agency (DARPA) Working Team Member Supervisors: Dr. Craig S. Chapman, Dr. Jacqueline S. Hebert, & Dr. Douglas J. Weber	May 2015 - August 2018
Bionic Limbs for Improved Natural Control Lab, Physical Medicine and Rehabilitation, UAlberta Research Assistant (Full-time) Supervisors: Dr. Jacqueline S. Hebert	May 2015 - August 2015
Action in Complex Environments Lab, Kinesiology, Sport, and Recreation, UAlberta Research Assistant (Part-time) Supervisor: Dr. Craig S. Chapman	January 2015 - April 2015

RESEARCH FUNDING

Campus Alberta Neuroscience, Entrepreneurship Seed Grant (\$15,000) Co-investigators: Ewen Lavoie & Dr. Nathaniel Maeda Title: Measuring eye-hand coordination in XR for clinical assessment of movement disorders	2020 - 2021
Natural Sciences and Engineering Research Council of Canada, Postgraduate Scholarship - Doctoral (\$63,000) Title: Eye, hand, and brain behaviour during object interaction	2018 - 2021
Natural Sciences and Engineering Research Council of Canada, Alexander Graham Bell Canada Graduate Scholarship - Master's (\$17,500) Title: Establishing normative eye movement patterns in functional tasks	2016 - 2017
Alberta Gambling Research Institute, Small Grant (\$10,000) Principal Investigator: Dr. Craig S. Chapman Co-investigators: Ewen B. Lavoie , Jennifer Bertrand, & Nathan J. Wispinski Title: Using custom built board games and video game level editors to measure the impact of theme and medium on risky decision making	2016 - 2017

CONFERENCE PRESENTATIONS

18. **Lavoie, E.B.**, & Chapman, C.S. (2020, October). How real is virtual reality? Visual limb representation and haptic feedback impact eye and body movements, and feelings of embodiment during object interactions in real and virtual worlds. Poster presented at the UNSW Workshop on Expectation, Perception & Cognition, Sydney, AUS.
17. **Lavoie, E.B.**, & Chapman, C.S. (2020, March). What's limbs got to do with it? Limb visualization in VR changes movement behaviour and feelings of embodiment during object interactions. Talk presented at the Neuroscience and Mental Health Research Day, Edmonton, AB, CAN. **Awarded Best Oral Presentation.**
16. **Lavoie, E.B.**, Motley, G., & Chapman, C.S. (2019, June). No end-state comfort in sight? Using virtual reality to measure how different visualizations of one's body changes eye and hand movements during an object interaction task. Poster presented at the Association for the Scientific Study of Consciousness Annual Meeting, London, ON, CAN.
15. Boser, Q.A., Dawson, T.R., **Lavoie, E.B.**, Pilarski, P.M., Vette, A.H., Chapman, C.S., & Hebert, J.S. (2019, June). Characterizing the eye gaze behaviour of body-powered prosthesis users. Poster presented at the International Society for Prosthetics and Orthotics Canada Rehab Week 2019, Toronto, ON, CAN.
14. **Lavoie, E.B.**, Stone, S.A., Hebert, J.S., & Chapman, C.S. (2018, November). Eye and body movements during object interactions in real and virtual worlds. Poster presented at the Society for Neuroscience Annual Meeting, San Diego, CA, USA.
13. Hebert, J.S., Chapman, C.S., Vette, A.H., Pilarski, P.M., Boser, Q.A., Valevicius, A.M., & **Lavoie, E.B.** (2018, May). A quantitative gaze and movement assessment for advanced upper limb prostheses. Talk presented at the 2nd International Symposium on Innovations in Amputation Surgery and Prosthetic Technologies, Vienna, Austria.
12. **Lavoie, E.B.**, Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2017, November). Establishing normative eye movement patterns in functional tasks. Poster presented at the Psychonomic Society Annual Meeting, Vancouver, BC, CAN.
11. Hebert, J.S., **Lavoie, E.B.**, Boser, Q.A., Valevicius, A.M., Vette, A.H., Pilarski, P.M., & Chapman, C.S. (2017, August). 3D-Gaze and Movement: A novel metric of visual attention to measure upper limb prosthetic function. Talk presented at the Myoelectric Controls Symposium (MEC), Fredericton, NB, CAN.
10. Valevicius, A.M., Boser, Q.A., **Lavoie, E.B.**, Chapman, C.S., Pilarski, P.M., Vette, A.H., & Hebert, J.S. (2017, August). Kinematic insights from a novel gaze and movement metric for upper limb function: Normative and prosthetic comparison. Poster presented at the Myoelectric Controls Symposium (MEC), Fredericton, NB, CAN.
9. **Lavoie, E.B.**, Valevicius, A.M., Boser, Q.A., Luu, M.J., Dawson, T.R., Kovic, O., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2017, May). Exploring normative and upper-limb prosthetic user eye movement patterns during functional object movement tasks. Poster presented at the Banff Annual Seminar in Cognitive Science (BASICS), Banff, AB, CAN.
8. Chapman, C.S., Davis, C.M., Bertrand, J.K., **Lavoie, E.B.**, Sawalha, J., & Wispinski, N.J. (2017, April). Feasibility of using custom built board games and video-game level editors to measure the impact of theme and medium on risky decision making. Poster presented at the Alberta Gambling Research Institute Conference (AGRI), Banff, AB, CAN.
7. **Lavoie, E.B.**, Crockett, E.A., Kovic, O., Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2016, November). Establishing normative eye movement

- patterns during upper-limb functional tasks. Poster presented at Society for Neuroscience (SfN), San Diego, CA, USA.
6. Chapman, C.S., Ho, S., Sawalha, J., Gilani, I., **Lavoie, E.B.**, Wispinski, N.J., & Bertrand, J.K. (2016, November). Using rapid reaching to explore the value of information. Poster presented at Society for Neuroscience (SfN), San Diego, CA, USA.
 5. **Lavoie, E.B.**, Crockett, E.A., Kovic, O., Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2016, November). Comparing normative to prosthetic user eye movement patterns during upper-limb functional tasks. Talk presented at P-PACT Inaugural Meeting, Prairie - Perception, Action, Cognition Team, Canmore, AB, CAN.
 4. **Lavoie, E.B.**, Crockett, E.A., Kovic, O., Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2016, October). Establishing normative eye movement patterns in upper-limb functional tasks. Poster presented at The Neuroscience Innovation for Improving Brain Health Symposium 2016, Campus Alberta Neuroscience, Edmonton, AB, CAN.
 3. **Lavoie, E.B.**, Crockett, E.A., Kovic, O., Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C.S. (2016, October). Establishing normative eye movement patterns in upper-limb functional tasks. Poster presented at The Spotlight on Research Breakfast, Glenrose Rehabilitation Hospital, Edmonton, AB, CAN.
 2. Valevicius, A.M., Boser, Q.A., **Lavoie, E.B.**, Vette, A.H., Chapman, C.S., Pilarski, P.M., & Hebert, J.S. (2016, August). Normative Kinematic Data for Two Functional Upper Limb Tasks. Poster presented at The 40th Annual Meeting of the American Society of Biomechanics, Raleigh, NC, USA.
 1. Boser, Q.A., Valevicius, A.M., **Lavoie, E.B.**, Chapman, C.S., Pilarski, P.M., Hebert, J.S., & Vette, A.H. (2016, August). Comparison of Anatomical And Cluster-Based Upper Body Marker Models. Poster presented at The 40th Annual Meeting of the American Society of Biomechanics, Raleigh, NC, USA.

NON-REFEREED CONFERENCE PRESENTATIONS

* indicates undergraduate student supervisee

11. **Lavoie, E.B.** (2020, October). The New Reality of Virtual Reality Sex Platforms. Invited Talk and Panel Discussion presented at the Zombie Apocalypse Medicine Meeting 2020, Virtually through Arizona State University.
10. **Lavoie, E.B.** (2020, July). How Real Is Virtual? Comparing behaviour during object interactions in real and virtual worlds. Talk presented to the SMART Network at the University of Alberta.
9. **Lavoie, E.B.** (2019, June). Evidence for Embodied Cognition. Talk presented to KIN 206: Biomechanics at the University of Alberta.
8. **Lavoie, E.B.** (2019, May). Consciousness, Compassion, Worth, Well-being, and Ambition in Coaching. Talk presented to PAC 110: Instruction of the Basics of Aquatics at the University of Alberta.
7. **Lavoie, E.B.** (2016, December). Society for Neuroscience Recap: Experiences and Highlights. Talk presented at University of Alberta Sensorimotor Rehabilitation Neuroscience Group Meeting, Edmonton, AB, Canada.
6. **Lavoie, E.B.** (2016, October). Motor Learning in Competitive Swimming. Talk presented to PAC 110: Instruction of the Basics of Aquatics at the University of Alberta.
5. **Lavoie, E.B.**, Crockett, E.A., Kovic, O., Valevicius, A.M., Boser, Q.A., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C. S. (2016, September). Establishing normative eye-movement

patterns in functional tasks. Talk presented at University of Alberta ReCon, Canmore, AB, Canada.

4. **Lavoie, E.B.**, Crockett, E.A., Valevicius, A.M., Boser, Q.A., Kovic, O., Samji, S., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C. S. (2016, April). Using eye-tracking as a method for evaluating functional tasks to improve upper-limb prostheses. Talk presented at University of Alberta Sensorimotor Rehabilitation Neuroscience Group Meeting, Edmonton, AB, Canada.
3. *Kovic, O., **Lavoie, E.B.**, Valevicius, A.M., Boser, Q.A., Crockett, E.A., Hoehn, B., Mathewson, K.W., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C. S. (2016, March). Making better prostheses: A new, superior evaluation system. Poster presented at the Undergraduate Research Revealed Poster Symposium, University of Alberta, Edmonton, AB, Canada.
2. *Kovic, O., **Lavoie, E.B.**, Valevicius, A.M., Boser, Q.A., Crockett, E.A., Hoehn, B., Mathewson, K.W., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C. S. (2016, March). Making better prostheses: A new, superior evaluation system. Poster presented at the Festival of Undergraduate Research and Creative Activities Conference, University of Alberta, Edmonton, AB, Canada.
1. **Lavoie, E.B.**, Crockett, E.A., Valevicius, A.M., Boser, Q.A., Hoehn, B., Carpenter, S., Pilarski, P.M., Vette, A.H., Hebert, J.S., & Chapman, C. S. (2015, September). Using eye tracking and 3D motion capture to establish normative data sets for functional tasks. Talk presented at University of Alberta ReCon, Canmore, AB, Canada. **Awarded Best Oral Presentation.**

CONFERENCE WORKSHOPS

1. Hebert, J.S., **Lavoie, E.B.**, Boser, Q.A., & Valevicius, A.M. (2017, August). Novel outcome measures for advanced bidirectional upper limb prosthesis control and feedback. Workshop presented as a Pre-Conference Event of the Myoelectric Controls Symposium (MEC), Fredericton, NB, CAN.

ACADEMIC SERVICE

Reviewer

Biomedical Engineering/Biomedizinische Technik (1)

Ad Hoc Reviewer

Computer Methods and Programs in Biomedicine (1)

Quarterly Journal of Experimental Psychology (1)

Animal Cognition (1)

Journal of Cognitive Neuroscience (1)

PLOS One (1)

Canadian Journal of Experimental Psychology (1)

Frontiers in Human Neuroscience (1)

Member

Heterodox Academy

Heterodox Academy Canada Symposium Committee

POPULAR SCIENCE PUBLICATIONS

1. **Lavoie, E.B.** (2020). We Should Worry About Virtual Reality Sex. Published online for Real Clear Science.

TECHNICAL STRENGTHS & EXPERIENCE

Computer Languages & Software	Unity, C#, HTC Vive, Microsoft Suite, Matlab, R, Python, Vicon, Optitrack, Pupil Labs
Experimental Techniques	Motion Tracking, Eye Tracking, Virtual Reality, Electromyography, Electroencephalography, Transcranial Magnetic Stimulation, Transcutaneous Spinal Cord Stimulation, Transcutaneous Electrical Nerve Stimulation, Galvanic Skin Response

TEACHING EXPERIENCE

Post-Secondary Primary Instruction

Faculty of Kinesiology, Sport, and Recreation, University of Alberta	
Co-Instructor, Applied Ethics in Physical Education and Sport, KIN 401	2020 - Present
Co-Instructor, Human Motor Control, KIN 302	2020 - Present
Primary Instructor, Instruction of the Basics of Aquatics, PAC 110	2016 - 2018

Post-Secondary Teaching Assistantships

Faculty of Kinesiology, Sport, and Recreation, University of Alberta	
Applied Ethics in Physical Education and Sport, KIN 401	2017 - Present
Conceptual Approach to Physical Activity, KIN 294	2019
Assessment and Evaluation in Physical Activity for Children and Youth, PERLS 371	2016

Undergraduate Student Project Supervision

Faculty of Kinesiology, Sport, and Recreation, University of Alberta	
4 Undergraduate Research Assistants	2016 - Present

Secondary Teaching

Edmonton Public Schools	
Lillian Osborne High School, Temporary, Full-time, Biology and Science	2019
Harry Ainlay High School, Temporary, Full-time, International Baccalaureate, Biology	2014
S. Bruce Smith Junior High School, Temporary, Full-time, Mathematics	2012
St. Albert Public Schools	
Supply Teacher	2011 - 2015
Elmer S. Gish School, Student Teacher	2011
Greater St. Albert Catholic Schools	
Richard S. Fowler Catholic Junior High School, Student Teacher	2010

VOLUNTEER SERVICE

Director-at-Large , Golden Bears and Pandas Swimming Alumni Society	
University of Alberta	2013 - Present
Activity Coordinator , Pediatric Rehabilitation Unit	
Glenrose Rehabilitation Hospital, Alberta Health Services	2015 - Present
Vice President, Executive , Brain Waves Program	
Parachute Injury Prevention, School of Public Health, University of Alberta	2017 - Present
Neuroscience Presenter , Brain Waves Program	
Parachute Injury Prevention, School of Public Health, University of Alberta	2016 - Present
Interviewee , U School, University of Alberta Senate	2016 - Present
Coach , Steadward Bears Paraswimming Program	
The Steadward Centre for Personal and Physical Achievement, University of Alberta	2015 - 2018
Coach , Pilot Para-Athletics Program	
The Steadward Centre for Personal and Physical Achievement, University of Alberta	2016 - 2017
Activity Coordinator , Fort McMurray Sports Day	

Faculty of Kinesiology, Sport, and Recreation, University of Alberta	2016
Neurophysiology Presenter , U School, University of Alberta Senate	2015
Mentor , Wheelie Fun Camp	
Glenrose Rehabilitation Hospital, Alberta Health Services	2015
Aquatic Activity Coordinator , Specialized Pediatric Rehabilitation Outpatient Program	
Glenrose Rehabilitation Hospital, Alberta Health Services	2015
Gift Deliverer , Santa's Anonymous Edmonton	2013
Director , Olympian Distance Challenge for Diabetes Research, Olympian Swim Club	2013
Coach , Edmonton Keyano Swim Club	2007
Aquatic Activity Coordinator , Adult Rehabilitation Program	
Glenrose Rehabilitation Hospital, Alberta Health Services	2006 - 2007
Coaching Assistant , Olympian Swim Club Rookie Camps	2001 - 2003
Official , Numerous Local Swim Meets	2000 - 2006

COACHING EXPERIENCE

Assistant Coach , Golden Bears and Pandas Varsity Swim Teams	
University of Alberta	2013 - 2015, 2019 - 2020
Head Coach , Age Group Performance	
Olympian Swim Club	2012 - 2013
Head Coach , Fountain Park Pool	
Olympian Swim Club	2010 - 2012
Assistant Coach , Summer Swim Camps	
University of Alberta	2010
Head Coach , Scona Pool	
Olympian Swim Club	2009 - 2010
Head Coach , Summer Swim Camps	
University of Alberta	2009
Assistant Coach , Edmonton HUMA Swim Club	2007 - 2009
Assistant Coach , Olympian Swim Club	2008
Assistant Coach , Summer Swim Camps	
University of Alberta	2006 - 2008
Assistant Coach , Stony Plain Sharks Swim Club	2006
Swim Instructor , Grand Trunk Fitness and Leisure Centre	2006

COACHING ACHIEVEMENTS

University of Alberta Varsity Swim Team	
1 athlete qualified for FINA World Junior Swimming Championships to represent Canada	2015
Best Men's and Women's Combined Team Placing (5th) at Canadian Inter-university Swimming Championships in over 10 years	2015
First Men's Team Gold Medal at Canadian Inter-university Swimming Championships in 18 years (400 Medley Relay)	2015
Multiple individual medals won at Canadian Inter-university Swimming Championships	2015
1 athlete qualified for the Pan Pacific Swimming Championships to represent Canada	2014
Multiple individual medals won at Canadian Inter-university Swimming Championships	2014
7 University of Alberta Swimming Records broken	2014
Olympian Swim Club	
Multiple medals won at Canadian Age Group Championships	2013
3 athletes qualified for Canadian Age Group Championships	2013
Men's and Women's Teams won Western Canadian Championships	2013
5 out of 8 eligible athletes selected to Swim Alberta Development Camp	2013
Several medalists at the Alberta Age Group Championships	2013

10 out of 10 eligible athletes achieved Alberta Age Group Championships qualifying time	2013
Women's Team won Western Canadian Championships	2012
10 and Under Girls 200 Freestyle Relay Provincial Champions	2012
10 and Under Girls 200 Medley Relay Provincial Champions	2012
7 athletes achieved Alberta Age Group Championships qualifying time	2012

Edmonton HUMA Summer Swim Club

Alberta Summer Swimming Association Provincial Champions	2009
Selected as Coach of Alberta Summer Swimming Association All Star Team	2009
Alberta Summer Swimming Association Provincial Champions	2008
Selected as Coach of Alberta Summer Swimming Association All Star Team	2008
Selected as Coach of Alberta Summer Swimming Association All Star Team	2007

ELITE ATHLETICS

Various Ultimate Frisbee Teams	2013 - Present
Various Soccer Teams	1992 - Present
Edmonton Masters Swim Club	2015 - 2017
University of Alberta Varsity Swim Team	2005-2006
Olympian Swim Club	1997-2005
Kinsmen Youth Triathlon Club	2003-2004

ADDITIONAL CERTIFICATIONS AND INTERESTS

Mental Health First Aid Certification	Mental Health Commission of Canada
Teaching Certification	Alberta Teaching Certificate
Coaching Certification	National Coaching Certification Program - Competition Coach Trained
Lifesaving Qualifications	Bronze Medallion, Bronze Cross, Water Safety Instructor, Standard First Aid and CPR
Hobbies	Hiking, Camping, Landscape and Wildlife Photography, Board Games, Improv Comedy, Cycling
Sport Participation	Soccer, Ultimate Frisbee, Disc Golf, Swimming, Squash, Badminton, Hockey, Powerlifting