

City of London - Application for Appointment to City of London Community Advisory Committees

Application

Committee you are interested in serving on: **Integrated Transportation Community Advisory Committee**

Contact Information

Name: **Sean McWatt**

City: **London**

Province: **ON**

Postal Code: **N6C1C1**

Experience and Qualifications

If you have experience on a London Advisory Committee, please provide dates and details. (max. 250 characters): **N/A**

What do you hope to contribute or learn as part of a Community Advisory Committee? (max. 250 characters):

I use active transportation every day, mostly bike commuting. As a vulnerable road user and soon-to-be parent, I have a deep interest and large stake in road safety, which starts with community engagement and infrastructure planning. I hope to advocate for less car-centric roadways and to learn from those with more experience in municipal policy.

How will you support the work of a Community Advisory Committee? (max. 250 characters):

I will be an attentive and engaged participant in discussions and will offer perspective gained from my lived experience as a local bike commuter and pedestrian.

We value the contributions of Londoners with diverse experiences and welcome applications from individuals who share our commitment. Please describe how your work, community or lived experience will enhance these efforts through Community Advisory Committee work. (max. 3000 characters):

As mentioned, I cycle to work every day and I travel by foot in my surrounding neighborhoods regularly. This offers a perspective that is not entrenched in a car-centric mindset. I have lived in London for almost eight years and have come to know the city very well on a bike. I have first-hand lived experience with transportation designs within London that unnecessarily place vulnerable road users at risk. I am also a professor at Western University, which immerses me in the world of our city's 'September to April' residents (mainly). These students impose an obvious change in the traffic volumes on our roads during these periods, as many of them have no choice but to drive to school because of limited or ineffective transit options. This is just one example of how, although some great changes have already been made, our city still has a long way to go when it comes to promoting active and integrated transport. I feel that my perspective and passion for this topic will help to pursue that goal.

Please describe additional experience, training, or community involvement that will help you in your role as a Community Advisory Committee Member. (max. 250 characters):

I have lived in several cities in Ontario and Quebec, so I have seen a diverse set of approaches to integrated and active transport. I also have a certificate of French-English bilingualism. As mentioned, I am a Western University professor and have a large network of students and peers (many of whom are also avid active transport practitioners and supporters) with diverse connections to upper administration in the University, which wields a lot of political power that could be helpful to the Committee.

Attach resume or other document here, if needed: **Sean McWatt - Five-page Curriculum Vitae (2024).pdf.pdf**

Attach more files here, if needed:

Confirmations

I declare the following: **I am at least 18 years old.; I am not a City employee or Council member.; I understand that the commitment may be up to 4 hours per month to attend meetings and prepare.; I understand that my application and any attachments will be included on a public agenda that is published on the City website.**

To help inform our outreach activities, please tell us how you heard about this opportunity:
(optional): **Word of mouth**

If you selected 'Other', please specify:

Submitted on: **4/17/2024 11:12:21 PM**

EDUCATION

UNIVERSITY OF GUELPH | GUELPH, ON, CANADA

- January 2019. PhD Human Anatomy Education, Department of Human Health and Nutritional Sciences, College of Biological Science
April 2014. MSc Human Anatomy, Department of Human Health and Nutritional Sciences, College of Biological Science
April 2012. BSc (Honors) Human Kinetics, College of Biological Science

FACULTY APPOINTMENTS

WESTERN UNIVERSITY | LONDON, ON, CANADA

- 2023 – **Present**. Assistant Professor. School of Kinesiology, Faculty of Health Sciences
2023 – **Present**. Affiliate. Center for Education Research and Innovation, Schulich School of Medicine and Dentistry
2023. Research Associate. Schulich Education Enhancement Division, Schulich School of Medicine and Dentistry
2022 – 2023. Assistant Professor. Department of Anatomy and Cell Biology, Schulich School of Medicine and Dentistry

MCGILL UNIVERSITY | MONTRÉAL, QC, CANADA

- 2022 – **Present**. Affiliate Member. Institute of Health Sciences Education, Faculty of Medicine and Health Sciences
2019 – 2022. Assistant Professor (Teaching). Department of Anatomy and Cell Biology, Faculty of Medicine and Health Sciences
2019 – 2022. Associate Member. Institute of Health Sciences Education, Faculty of Medicine and Health Sciences

UNIVERSITY OF GUELPH-HUMBER | ETOBICOKE, ON, CANADA

2017. (Winter semester) Sessional Lecturer. Department of Kinesiology

PUBLICATIONS

JOURNAL PUBLICATIONS

- Wang C, **McWatt SC** (2023) Visuospatial ability and student approach to learning as predictors of academic performance on written versus laboratory-based assessments in human anatomy. *Anatomical Sciences Education*. 16(6): 1187–1199. [10.1002/ase.2317](https://doi.org/10.1002/ase.2317) Winner of the 2024 Early-Career Anatomist Publication Award (American Association for Anatomy)
- Utomo R, **McWatt SC**, Talis A, Xiao QY, Saraci K, Waschke J, Sigmund AM, Gill Sagoo M, Wingate R, Brassett C, Chien CL, Traxler H, Sakurai T, Zeroual M, Olsen J, El-Batti S, Viranta-Kovanen S, Yamada Y, Keay K, Kitahara S, Stewart W, Mao Y, Lang A, Kunzel C, Bernd P, Patel S, Buhler L, Kielstein H, Preker A, Hardy M, Noël GPJC, Wu A (2023) Health profession students' outlooks on the medical profession during the COVID-19 pandemic: A global perspective. *Journal of Communication in Healthcare*. [10.1080/17538068.2023.2214391](https://doi.org/10.1080/17538068.2023.2214391)
- Wu A, **McWatt SC**, Utomo R, Talis A, Xiao QY, Saraci K, Brassett C, Gill Sagoo M, Wingate R, Chien CL, Traxler H, Waschke J, Vielmuth F, Sigmund A, Yamada Y, Sakurai T, Zeroual M, Olsen J, El-Batti S, Viranta-Kovanen S, Keay K, Stewart W, Mao Y, Lang A, Kunzel C, Bernd P, Kielstein H, Noël GPJC (2023) A thematic analysis of students' discussions on death and body donation in international online focus groups. *Anatomical Sciences Education*. [10.1002/ase.2265](https://doi.org/10.1002/ase.2265)
- Wu A, Xiao QY, **McWatt SC**, Utomo R, Talis A, Saraci K, Brassett C, Gill Sagoo M, Wingate R, Chien CL, Traxler H, Waschke J, Vielmuth F, Yamada Y, Sakurai T, Zeroual M, Olsen J, El-Batti S, Viranta-Kovanen S, Keay K, Stewart W, Kunzel C, Bernd P, Kielstein H, Noël GPJC (2022) The anatomy course during COVID-19: The impact of cadaver-based learning on the initiation of reflection on death. *Medical Sciences Educator*. [10.1007/s40670-022-01609-7](https://doi.org/10.1007/s40670-022-01609-7)
- McWatt SC** (2021) Responding to COVID-19: A thematic analysis of students' perspectives on modified learning activities during an emergency transition to remote human anatomy education. *Anatomical Sciences Education*. 14(6): 721–738. [10.1002/ase.2136](https://doi.org/10.1002/ase.2136)

McWatt SC, Newton GS, Umphrey GJ, Jadeski LC (2021) Dissection versus prosection: A comparative assessment of the course experiences, approaches to learning, and academic performance of non-medical undergraduate students in human anatomy. *Anatomical Sciences Education*. 14(2): 184–200. [10.1002/ase.1993](https://doi.org/10.1002/ase.1993)

CONFERENCE PUBLICATIONS (PRESENTING OR SENIOR AUTHOR)

McWatt SC, Venne G (2023) Advanced Human Anatomy Laboratory (ANAT 514): A Novel Project-based Human Anatomy Course at McGill University. *Anatomical Sciences Education*. 16(6):1341–1342. [10.1002/ase.2344](https://doi.org/10.1002/ase.2344)

Bellas B, Guo I, Rauch M, Ventura N, **McWatt SC** (2022) Examining the impact of cadaver-based anatomy laboratory experiences on medical students through a thematic analysis of their written reflections. *FASEB Journal*. [10.1096/fasebj.2022.36.S1.R5701](https://doi.org/10.1096/fasebj.2022.36.S1.R5701)

Noël GPJC, Xiao I, Ilie A, Chaouachi M, O'Brien J, **McWatt SC** (2022) The use of HoloLens increases the engagement while reducing the cognitive load of senior medical students when overlaying medical imaging of body donors during the dissection. *FASEB Journal*. [10.1096/fasebj.2022.36.S1.R2607](https://doi.org/10.1096/fasebj.2022.36.S1.R2607)

Wang C, **McWatt SC** (2022) Student approach to learning and visuospatial ability as independent predictors of academic performance in human anatomy. *FASEB Journal*. [10.1096/fasebj.2022.36.S1.R5398](https://doi.org/10.1096/fasebj.2022.36.S1.R5398)

Dhillon J, Moukarzel M, Ventura N, Laggis G, Noël GPJC, **McWatt SC** (2021) Evaluating in-person and remote delivery of human anatomy laboratory education among medicine and dentistry students. *FASEB Journal*. 35(S1):1–1. [10.1096/fasebj.2021.35.S1.01625](https://doi.org/10.1096/fasebj.2021.35.S1.01625)

Dhillon J, **McWatt SC**, Ventura N, Noël GPJC, Moukarzel M (2021) Response to COVID-19: Implementing a combination of in-person and remote delivery of laboratory-based human anatomy education to medical students. *Canadian Medical Education Journal*. 12(2): e138–e344. [10.36834/cmej.72402](https://doi.org/10.36834/cmej.72402)

McWatt SC (2020) Assessing the relationship between students' approaches to learning, visuospatial abilities, and performance in an undergraduate human anatomy course. *The FASEB Journal*. 34(S1):1–1. [10.1096/fasebj.2020.34.s1.06790](https://doi.org/10.1096/fasebj.2020.34.s1.06790)

McWatt SC, Newton GS, Jadeski LC (2020) Evaluating the impact of the laboratory learning environment and use of a computer-assisted learning resource on anatomical knowledge recall among undergraduate university students. *The FASEB Journal*. 34(S1):1–1. [10.1096/fasebj.2020.34.s1.05251](https://doi.org/10.1096/fasebj.2020.34.s1.05251)

McWatt SC, Newton GS, Jadeski LC (2019) The impact of a novel computer-assisted learning resource on student learning in undergraduate dissection- and prosection-based laboratory environments. *The FASEB Journal*. 33(S1): 17.6. [10.1096/fasebj.2019.33.1_supplement.17.6](https://doi.org/10.1096/fasebj.2019.33.1_supplement.17.6)

McWatt SC, Newton GS, Jadeski LC (2018) Do dissection- and prosection-based laboratories offer comparable learning experiences? An exploration of student learning in two laboratory cohorts at the University of Guelph. *The FASEB Journal*. 32(S1): 21.2. [10.1096/fasebj.2018.32.1_supplement.21.2](https://doi.org/10.1096/fasebj.2018.32.1_supplement.21.2)

McWatt SC, Jadeski LC (2017) Using focus stacking in anatomical imaging: Does it make a difference? *The FASEB Journal*. 31(S1): 580.5. [10.1096/fasebj.31.1_supplement.580.5](https://doi.org/10.1096/fasebj.31.1_supplement.580.5)

McWatt SC, Newton GS, Jadeski LC (2016) A comparison of student approach to learning between dissection- and prosection-based undergraduate human anatomy courses. *The FASEB Journal*. 30(S1): 782.3. [10.1096/fasebj.30.1_supplement.782.3](https://doi.org/10.1096/fasebj.30.1_supplement.782.3)

SELECTED PRESENTATIONS PRESENTATIONS

April 6, 2019. *The Impact of a Novel Computer-assisted Learning Resource on Student Learning in Undergraduate Dissection- and Prosection-based Laboratory Environments*. At Experimental Biology (American Association for Anatomy), Orlando, FL. Selected as a Finalist for the AAA Educational Research Platform Presentation Award.

November 6, 2018. *Computer-assisted Learning in Higher Education: Who, What, When, Where, and Why?* At the COESP BioEd Graduate Student Research Award Seminar, Guelph, ON.

April 21, 2018. *Do Dissection- and Prosection-based Laboratories Offer Comparable Learning Experiences? An Exploration of Student Learning in Two Laboratory Cohorts at the University of Guelph*. At Experimental Biology (American Association of Anatomists), San Diego, CA. Selected as a Finalist for the AAA Educational Research Platform Presentation Award.

January 25, 2014. *Digital Imaging and Videography: Tools to Enhance Dissection-based Human Anatomy Education*. At the Human Health and Nutritional Sciences Seminar Series, Guelph, ON.

POSTERS

- March 2023. *Advanced Human Anatomy Laboratory (ANAT 514): A Novel Project-based Human Anatomy Course at McGill University*. Anatomy Connected (American Association for Anatomy), Washington, DC.
- April 2020. *Assessing the Relationship Between Students' Approaches to Learning, Visuospatial Abilities, and Performance in an Undergraduate Human Anatomy Course*. Experimental Biology (American Association for Anatomy), San Diego, CA. (Cancelled due to COVID-19)
- April 2020. *Evaluating the Influences of the Laboratory Learning Environment and Use of a Computer-assisted Learning Resource on Anatomical Knowledge Recall among Undergraduate University Students*. Experimental Biology (American Association for Anatomy), San Diego, CA. (Cancelled due to COVID-19)
- April 2017. *Using Focus-stacking in Anatomical Imaging: Does it Make a Difference?* Experimental Biology (American Association of Anatomists), Chicago, IL.
- June 2016. *Living with Spinal Cord Injury: Teaching Innovations in a First-year Seminar Course*. Annual Conference of the Society for Teaching and Learning in Higher Education. London, ON.
- April 2016. *A Comparison of Student Approach to Learning Between Dissection- and Prosection-based Undergraduate Human Anatomy Courses*. Experimental Biology (American Association of Anatomists), San Diego, CA.
- April 2014. *The Use of High Definition Digital Imaging in Human Anatomy Education: The Abdomen*. Graduate Student University Teaching Conference, Guelph, ON.

WORKSHOPS, SYMPOSIA, & PANELS

- February 1, 2023. #13 | "An Anatomy of Race and Belonging". Body Banter Podcast (virtual).
- April 3, 2022. *Decolonizing the Anatomy Curriculum*. Experimental Biology (American Association for Anatomy), Philadelphia, PA.
- November 17, 2021. *University Teaching Foundations Career Panel*. University of Guelph (invited). Guelph, ON (virtual).
- October 12, 2021. *The Life and Academic Legacy of Dr. W. Montague Cobb: Anatomy, Art, and Advocacy (Presentation and Panel Discussion)*. Black in Anatomy Week, 2021. International (virtual).
- March 31, 2021. *Panel Discussion on the Pros and Cons of Remote Teaching and Learning (Department of Kinesiology and Physical Education Graduate Seminar Series)*. McGill University (invited). Montréal, QC (virtual).
- April 19, 2020. *Meeting in the Middle to Bridge the Gaps: The Role of Technology in Education (John Ruedy Education Innovation Symposium: Extending and Augmenting the Educational Experience, the View from the Anatomy Lab)*. The Canadian Conference on Medical Education. Vancouver, BC (virtual).
- August 30, 2018. *Level Up! From Teaching to Inspiring (Closing Plenary)*. The Graduate Student University Teaching Conference (invited). Guelph, ON.
- April 2015. *Addressing the Challenges and Opportunities of Engaging First-year Students*. Teaching and Learning Innovations. Guelph, ON.

TEACHING

FACULTY TEACHING EXPERIENCE

2024. Course Coordinator, Co-instructor. KIN 3222B, HS 3300B (Winter), Anatomy of the Human Body, Western University
2024. Course Coordinator, Instructor. KIN 2222B, HS 2300B (Winter), Functional Human Gross Anatomy, Western University
2023. Course Coordinator, Co-instructor. KIN 1060A/2222A, HS 2300A, NUR 1330A (Fall), Functional Human Gross Anatomy, Western University
2023. Course Coordinator, Co-instructor. ACB 2200B (Summer), Systemic Anatomy of the Human Body, Western University
2023. Course Coordinator. ACB 3200A (Summer), Human Neuroanatomy, Western University
2023. Co-instructor. ACB 2200B (Winter), Systemic Anatomy of the Human Body, Western University
- 2023 – 2023. Laboratory Coordinator. M5161, Principles of Medicine I, Western University

2022. Laboratory Coordinator. D5160, Systemic Anatomy and Histology, Western University
2022 – 2023. Laboratory Coordinator. M5260, Principles of Medicine II, Western University
2022. Laboratory Coordinator. M5160, Foundations of Medicine, Western University
2022. Laboratory Coordinator. ACB 9501, Anatomy for Physical Therapy, Western University
2022. Course Coordinator, Co-instructor. ANAT 514, Advanced Human Anatomy, McGill University
2021 – 2022. Course Co-coordinator, Stream Leader (Head and Neck). Anatomy for Surgeons, McGill University
2020 – 2022. Research Supervisor. ANAT 396, Undergraduate Research Project, McGill University
2020 – 2022. Course Coordinator, Co-instructor. DENT 217, Foundations of Dentistry, McGill University
2020 – 2022. Instructor (Lead Anatomist). FMD, Fundamentals of Medicine and Dentistry (INDS 112, 113, 118, 212), McGill University
2020. Course Coordinator, Instructor. ANAT 316, Clinical Human Visceral Anatomy, McGill University
2020. Stream Leader (Limbs). Anatomy for Surgeons, McGill University
2019 – 2022. Laboratory Demonstrator. FMD, Fundamentals of Medicine and Dentistry (INDS 114 and 211), McGill University
2019 – 2020. Laboratory Demonstrator. DENT 217, Foundations of Dentistry, McGill University.
2019. Laboratory Demonstrator. FMD, Fundamentals of Medicine and Dentistry (INDS 112, 113, and 212), McGill University
2019. Course Coordinator, Instructor. ANAT 315, Clinical Human Musculoskeletal Anatomy, McGill University
2017. Sessional Lecturer. KIN*1040, Human Anatomy II. University of Guelph-Humber
2015. Co-instructor. UNIV*1200 (25), Living with Spinal Cord Injury (with Dr. Lorraine Jadeski, Cindy McLean, William Albabish, and Kendra Todd), University of Guelph

INVITED LECTURES

2023, 2024. *Anatomy Teaching Theory and Practice*. McGill University
2023. Investigating Student Motivation and Approaches to Learning through Human Anatomy Education Research. Western University
2018. *The Anterolateral Abdominal Wall and the Descent of the Testes*. University of Guelph-Humber
2016, 2017. *Think Twice, Cut Once: Planning Your Dissection*. University of Guelph
2014. *Targeting Content to Specific Outreach Groups*. University of Guelph

RELEVANT SERVICE

INTERNATIONAL

2023 – **Present**. Advisory Board Member. International Collaboration and Exchange Anatomy Program
2021. Facilitator. Twitter #AnatChat, American Association for Anatomy
2021. Reviewer (ad hoc). *Advances in Medical Education and Practice*
2020 – **Present**. Founding Member, Vice President of the Board of Directors. Black in Anatomy
2020 – **Present**. Research Team Member. International Collaboration and Exchange Anatomy Program
2020 – 2022. Faculty Member. International Collaboration and Exchange Anatomy Program
2019 – **Present**. Reviewer (ad hoc). *Anatomical Sciences Education*
2019 – 2021. Mentor. American Association for Anatomy Mentor Match Program

WESTERN UNIVERSITY | LONDON, ON, CANADA

2023 – **Present**. EDIDA+ Committee. Faculty of Health Sciences
2023 – **Present**. EDIDA+ Committee. School of Kinesiology, Faculty of Health Sciences
2023 – **Present**. Kinesiology School Affairs Council. School of Kinesiology, Faculty of Health Sciences
2023. Interviewer. Clinical Anatomy MSc Program Admissions Committee, Department of Anatomy and Cell Biology, Schulich School of Medicine and Dentistry
2023. Reviewer. National Scholarship Program. Office of the Registrar

2023. Equity, Diversity, Inclusion, and Decolonization Committee. Department of Anatomy and Cell Biology, Schulich School of Medicine and Dentistry

2022 – 2023. Faculty Member. Department of Anatomy and Cell Biology Committee, Schulich School of Medicine and Dentistry

MCGILL UNIVERSITY | MONTRÉAL, QC, CANADA

2021 – 2022. Faculty Member. Faculty Council, Faculty of Medicine and Health Sciences

2020 – 2022. Faculty Member. Basic Science, Critical Thinking, and Knowledge Translation Theme Subcommittee, Faculty of Medicine and Health Sciences

2020 – 2022. Faculty Member. Putting It All Together Course Curriculum Subcommittee, Faculty of Medicine and Health Sciences

OTHER ACADEMIC

GRANTS

2020. IHSE Research Grant on Educational Advancements or Innovations in Response to COVID-19, Institute of Health Sciences Education, Faculty of Medicine and Health Sciences, McGill University – \$5,000

AWARDS & NOMINATIONS

2024. Winner, Early-Career Anatomist Publication Award, American Association for Anatomy. *As primary investigator on the winning publication by Cat Wang* – \$1000 USD

2023. Winner, Best #Anatomy Meme (Twitter), American Association for Anatomy – Free registration to Anatomy Connected 2023.

2022. Nominee, Haile T. Debas Prize, Faculty of Medicine and Health Sciences, McGill University

2022. Second Place, AAA Educational Research Platform Presentation Award. *As primary investigator and supervisor to the student presenter, Cat Wang* – \$1000 USD

2019. Finalist, AAA Educational Research Platform Presentation Award, American Association for Anatomy

2019. Student/Postdoc Travel Award, American Association for Anatomy – \$350 USD

2018. COESP BioEd Graduate Student Research Award, College of Biological Science, University of Guelph – \$500 CAD

2018. Associate Vice President Academic Teaching Assistant Award of Excellence, University of Guelph – \$500 CAD

2018. Finalist, AAA Educational Research Platform Presentation Award, American Association of Anatomists

2018. Student/Postdoc Travel Award, American Association of Anatomists – \$350 USD

2017. Student/Postdoc Travel Award, American Association of Anatomists – \$350 USD

2016. Student/Postdoc Travel Award, American Association of Anatomists – \$250 USD

2014. Harold Draper Graduate Prize, Human Health & Nutritional Sciences, University of Guelph – \$100 CAD

HONORARIA

2022. Invited Speaker. American Association for Anatomy, Experimental Biology. Philadelphia, PA – \$3000 USD (split with two co-presenters)

2020. Invited Speaker. John Ruedy Education Innovation Symposium, The Canadian Conference on Medical Education. Vancouver, BC (virtual). – \$3575 CAD (split with three co-presenters)

SOCIETY MEMBERSHIPS

2020 – 2023. Member. American Association of Clinical Anatomists

2015 – **Present**. Member. American Association for Anatomy (formerly the American Association of Anatomists)

2014 – 2019. Member. Society for Teaching and Learning in Higher Education