

CURRICULUM VITAE

2022-11-12

Blake E. Butler, PhD

University of Western Ontario
1151 Richmond Street N.
London, Ontario, Canada
bbutler9@uwo.ca

Education

- 2012 PhD - Psychology, Neuroscience & Behaviour
McMaster University, Hamilton, Ontario
Advisor - Laurel J. Trainor
- 2008 MSc - Health and Rehabilitation Science
University of Western Ontario, London, Ontario
Advisor - Prudence Allen
- 2006 BMSc - Medical Sciences
University of Western Ontario, London, Ontario

Professional Appointments

- 2018 Assistant Professor – Department of Psychology
Investigator – Brain & Mind Institute
Investigator – National Centre for Audiology
Scientist – Children’s Health Research Institute
University of Western Ontario, London, Ontario
- 2016 Research Scientist
Department of Psychology
University of Western Ontario, London, Ontario
- 2012 Postdoctoral Fellow
Cerebral Systems Lab (P.I. Stephen G. Lomber)
Department of Physiology & Pharmacology, Brain and Mind Institute
University of Western Ontario, London, Ontario

Research Support Held

- 2022-2024 Misophonia Research Fund
Naturalistic assessment of the neural and behavioural correlates of Misophonia
Role: Principal Investigator
Total Award: \$400,000
- 2021-2022 BrainsCAN Registered Reports Funding Program
Continuous speech encoding in cochlear implant users
Role: Principal Investigator
Total Award: \$89,750
- 2020-2023 BrainsCAN Accelerator Grant
Characterizing a neural basis for crossmodal plasticity following sensory loss
Role: Principal Investigator
Total Award Value: \$447,675

2020-2022 Western Strategic Support for SSHRC Success
Narrative engagement in individuals with cochlear implants
Role: Principal Investigator
Total Award Value: \$25,000

Children’s Health Research Institute Internal Research Grant Fund
Impact of pediatric hearing loss on mathematics and underlying cognitive functions
Role: Principal Investigator
Total Award Value: \$10,000

BrainsCAN Accelerator Stimulus Grant
Neuroplasticity during recovery of function after parietal stroke in NHPs
Role: Co-Investigator (Corey Baron: PI)
Total Award Value: \$99,625

2019-2021 BrainsCAN Accelerator Stimulus Grant
Noninvasive brain stimulation to influence auditory perception
Role: Co-Investigator (Jessica Grahn: PI)
Total Award Value: \$104,000

2019-2024 Canada Foundation for Innovation - John Evans Leadership Fund &
Ontario Research Fund - Small Infrastructure Grant
Characterizing a neural basis for crossmodal plasticity following sensory loss
Role: Principal Investigator
Total Award Value: \$490,613

2018-2023 Canadian Institutes for Health Research (CIHR) Project Grant
Cortical plasticity following deafness
Role: Co-Investigator
Total Award Value: \$1,185,750

2018-2021 Western Strategic Support for CIHR Success
Imaging neural function & connectivity in the deaf
Role: Principal Investigator
Total Award Value: \$25,000

2017-2024 Natural Sciences and Engineering Research Council (NSERC)
Structural and functional measures of auditory cortical development
Role: Principal Investigator
Total Award Value: \$182,000

2017-2019 BrainsCAN Accelerator Stimulus Grant
Imaging visually-evoked cortical activity in the cat at 7T
Role: Principal Investigator
Total Award Value: \$90,000

2017-2018 BrainsCAN Accelerator Stimulus Grant
fMRI-compatible reversible deactivation to examine cerebral networks
Role: Co-Investigator (Stephen Lomber: PI)
Total Award Value: \$110,000

Peer-Reviewed Publications

* manuscripts co-authored by trainees

UNDER REVIEW

30. Lammert J*, Levine AT*, Koshkebaghi D*, **Butler BE**. (Under Review). Sign Language experience has little effect on face and biomotion perception in bimodal bilinguals. *Journal of Experimental Psychology: Human Perception and Performance*.
29. Salagovic CA*, Steveson RA, **Butler BE**. (Under Review). Age and cochlear implantation have distinct effects on audiovisual speech perception. .
28. Trachtenberg B, **Butler BE**, Lomber SG. (Revision Requested). Medial geniculate axon terminal density in visual and auditory cortex of hearing and deaf cats. *Brain Structure & Function*.
27. Boucher C, **Butler BE**, Meredith MA, Lomber SG. (Revision Requested). Crossmodal plasticity in core auditory cortex following deafness: An evaluation of evidence for and against. *Neuroscience & Biobehavioral Reviews*.

PUBLISHED

26. Lauzon SA, Abraham AE, Curcin K, **Butler BE**, Steveson RA. (2022). The relationship between multisensory associative learning and multisensory integration. *Neuropsychologia*, 174:108336.
25. Stewart EK, Chen VV, **Butler BE**, Mitchell DGV. (2022). Emotional distraction and facilitation across sense and time. *Emotion*, Online ahead of publication.
24. Bobbitt SG*, Herrmann B, **Butler BE**. (2022). A survey of narrative listening behaviors in 8–13-year-old children. *International Journal of Listening*.
23. Herrman B, **Butler BE** (2021). Hearing loss and brain plasticity: The hyperactivity phenomenon. *Brain Structure & Function*, 226:2019-2039.
22. Levine AT*, Li B*, Barnes P*, Lomber SG, **Butler BE**. (2020). Assessment of anesthesia on physiological stability and BOLD signal reliability during visual or acoustic stimulation in the cat. *Journal of Neuroscience Methods*, 334:108603.
21. Alencar CDC, **Butler BE**, Lomber SG. (2019). What and how the deaf brain sees. *Journal of Cognitive Neuroscience*, 31:1091-1109.
20. **Butler BE**, Sunstrum JK*, Lomber SG. (2018). Modified origins of cortical projections to the superior colliculus in the deaf: Dispersion of auditory efferents. *Journal of Neuroscience*, 38:4048-4058.
19. Stolzberg DJ, **Butler BE**, Lomber SG. (2018). Effects of neonatal deafness on resting state functional network connectivity. *Neuroimage*, 165:69-82.
18. **Butler BE**, de la Rua A*, Ward-Able T*, Lomber SG. (2018). Cortical and thalamic connectivity to the second auditory cortex of the cat is resilient to the onset of deafness. *Brain Structure and Function*, 223:819-835.
17. Stolzberg DJ, Wong C, **Butler BE**, Lomber SG. (2017). "Atlas": An MRI-based three-dimensional cortical atlas and tissue probability maps for the domestic cat (*Felis catus*). *Journal of Comparative Neurology*, 525:3190-3206.
16. **Butler BE**, Chabot N, Lomber SG. (2017). Origins of thalamic and cortical projections to the posterior auditory field in congenitally deaf cats. *Hearing Research*, 343:118-127 1-10.
15. **Butler BE**, Chabot N, Lomber SG. (2016). Quantifying and comparing the pattern of thalamic and cortical projections to the posterior auditory field in hearing and deaf cats. *Journal of Comparative Neurology* 524:3042-3063.
14. **Butler BE**, Chabot N, Lomber SG. (2016). A quantitative comparison of the hemispheric,

- areal, and laminar origins of sensory and motor cortical projections to the superior colliculus of the cat. *Journal of Comparative Neurology* 524:2623-2642.
13. Hall AJ, **Butler BE**, Lomber SG. (2016). The cat's meow: A high-field fMRI assessment of cortical activity in response to vocalizations and complex auditory stimuli. *NeuroImage*, 127:44-57.
 12. Chabot N, **Butler BE**, Lomber SG. (2015). Differential modification of cortical and thalamic projections to cat primary auditory cortex following early- and late-onset deafness. *Journal of Comparative Neurology* 523: 2297-2320. Contributed equally
 11. **Butler BE**, Hall AJ, Lomber SG. (2015). Functional imaging of pitch processing in the auditory cortex of the cat. *PLoS One* doi:10.1371/journal.pone.0134362.
 10. **Butler BE**, Trainor LJ. (2015). The musician redefined: A behavioural assessment of rhythm perception in professional club DJs. *Timing and Time Perception*, doi:10.1163/22134468
 9. Folland NA, **Butler BE**, Payne JE, Trainor LJ. (2015). Cortical representations sensitive to the number of perceived auditory objects emerge between 2 and 4 months of age: Electrophysiological evidence. **Journal of Cognitive Neuroscience** 27, 1060-1067.
 8. **Butler BE**, Lomber SG. (2013). Functional and structural changes following deafness: From cochlea to cortex. *Frontiers in Systems Neuroscience* 7:89-105, doi:10.3389/fnsys.2013.00092.b.
 7. **Butler BE**, Trainor LJ. (2013). Brief pitch-priming facilitates infants' discrimination of pitch-evoking noise: Evidence from event-related potentials. *Brain and Cognition* 83, 271-278.
 6. **Butler BE**, Folland NA, Trainor LJ. (2013). Development of pitch processing: Infants' discrimination of iterated rippled noise stimuli with unresolved spectral content. *Hearing Research* 304, 1-6.
 5. **Butler BE**, Trainor LJ. (2012). Sequencing the cortical processing of pitch-evoking stimuli using EEG analysis and source estimation. *Frontiers in Auditory Cognitive Neuroscience* 3, 180.
 4. Folland NA, **Butler BE**, Smith NA, Trainor LJ. (2012). Processing simultaneous auditory objects in infancy: Music and mistuned harmonics. *Journal of the Acoustical Society of America* 131(1), 993-997.
 3. Vida MD*, Vingilis-Jaremko L*, **Butler BE***, Gibson LC*, Monteiro S*. (2012). The reorganized brain: How treatment strategies for stroke and amblyopia can inform our knowledge of plasticity throughout the lifespan. *Developmental Psychobiology* 54(3), 357-368. *Contributed equally
 2. **Butler BE**, Purcell DW, Allen P. (2011). Distortion product otoacoustic emission contralateral suppression functions in children with auditory processing disorders. *International Journal of Audiology* 50(8), 530-539.
 1. Purcell DW, **Butler BE**, Saunders TJ, Allen P. (2008). Distortion product otoacoustic emission contralateral suppression functions obtained with ramped stimuli. *Journal of the Acoustical Society of America* 124(4): 2133-2148.

BOOK CHAPTERS

2. Herrmann BJ, **Butler BE**. (2021). Aging auditory cortex: The impact of reduced inhibition on function. In "The Neuroscience of Aging".
1. Lomber SG, **Butler BE**, Glick H, Sharma A. (2020). Crossmodal neuroplasticity in deafness: Evidence from animal models and clinical populations. In "Multisensory Perception: from Laboratory to Clinic", Sathian and Ramachandran, eds.

PUBLISHED THESES

Butler BE. (2013). Adults' and infants' perception of pitch-evoking stimuli with no resolvable spectral cues. McMaster University Libraries Institutional Repository (MacSphere).

Butler BE. (2008). Contralateral suppression of distortion product otoacoustic emissions in children with and without auditory processing disorders. University of Western Ontario.

Awards & Distinctions

RESEARCH AWARDS

2010-2012	NSERC PGS Doctoral Research Scholarship (\$42,000)
2010-2011	OGS Doctoral Research Scholarship (\$15,000; declined)
2009-2010	NSERC CREATE Auditory Neuroscience Scholarship (\$22,000)
2009-2010	OGSST Prosser Scholarship (\$15,000; declined)

Talks & Conference Participation

SELECTED INVITED TALKS

2022	Neuroscience Research Day, London ON "The anatomical basis for plasticity following sensory loss" The Neuroscience Gala: Into the Unknown, London ON "The anatomy of plasticity: a glimpse into the unknown"
2019	International Hearing Loss Conference, Niagara-on-the-Lake ON "Stability in the pattern of crossmodal projections following hearing loss"
2018	VCU Department of Anatomy & Neurobiology Seminar, Richmond VA "The Search for an Neuroanatomical Basis for Plasticity following Deafness"
2017	National Centre for Audiology Hearing Research Seminar, London ON "Brain organization in the deaf: Implications for plasticity and hearing restoration" Spring 2017 Meeting of the Acoustical Society of America, Boston MA "Quantifying connectivity to auditory cortex: Implications for crossmodal plasticity and hearing restoration"
2016	Department of Physiology and Pharmacology Seminar Series, London ON "Structural Analysis of brain connectivity in deafness: Implications for functional reorganization & plasticity"
2015	11th Meeting of the German Neuroscience Society, Gottingen "Cortical Plasticity following sensory deprivation: Characterizing the patterns of thalamocortical and corticocortical projections in early- and late-deaf cats"
2014	Gordon Research Conference on the Auditory System, Lewiston ME "Imaging pitch processing in the cat auditory cortex with high-field fMRI"
2013	National Centre for Audiology Hearing Research Seminar, London ON "Pitch processing and stream segregation during development"

SYMPOSIUM & CONFERENCE ORGANIZATION

- 2022 Gordon Research Conference on the Auditory System, Smithfield RI
“Cognitive and Attentional Aspects of Hearing” (Session Moderator)
Canadian Society for Brain, Behaviour, & Cognitive Science, Halifax NS
“Well... we didn’t see that coming” (Session Moderator)
- 2018 Gordon Research Seminar on the Auditory System, Smithfield RI (Meeting Co-chair)
International Hearing Loss Meeting, Niagara-on-the-Lake ON (Meeting Co-chair)
- 2016 Gordon Research Conference on the Auditory System, Lewiston ME
“From Structure and Function to Behavior” (Session Moderator)

SELECTED CONFERENCE PARTICIPATION

* co-authored by trainees

- 2022 **Butler BE**. We don’t know what kids want to hear. Canadian Society for Brain, Behaviour, and Cognitive Science, Halifax NS (podium).
Salagovic C*, Hemnani J*, Stevenson RA, **Butler BE**. Effect of Age on Audiovisual Integration in Cochlear Implant Users and Typical Hearing Controls. Aging and the Brain: Sensory and cognitive interactions in the aging brain (Virtual).
Lammert J*, Levine AT*, **Butler BE**. Visual perception in hearing ASL signers. Canadian Association for Neuroscience Meeting, Toronto ON.
Robertson A*, Miller DJ*, **Butler BE**. Myeloarchitectonic Maps of Cat Auditory Cortex. Canadian Association for Neuroscience Meeting, Toronto ON.
Alipour ZM*, **Butler BE**, Grahn JA. Perceptual hierarchy to beat perception across modalities. Neuroscience Research Day (Virtual).
Robertson A*, Miller DJ*, **Butler BE**. Myeloarchitectonic Maps of Cat Auditory Cortex. Neuroscience Research Day (Virtual).
Salagovic C*, Mann M*, Stevenson RA, **Butler BE**. Effect of audiovisual lag on speech-in-noise comprehension in cochlear implant users and typical hearing controls. Speech in Noise Workshop 2022 (Virtual).
- 2021 Lammert J*, Levine A*, **Butler BE**. Visual perception in hearing ASL signers. Cognitive Neuroscience Society Annual Meeting (Virtual).
Raymond K*, Levine A*, **Butler BE**. Connectivity between auditory and limbic systems in people with specific sound sensitivities. Cognitive Neuroscience Society Annual Meeting (Virtual).
Salagovic CA*, Stevenson RA, **Butler BE**. Sorry, my internet is spotty: How audiovisual lag affects comprehension in cochlear implant users. Cognitive Neuroscience Society Annual Meeting (Virtual).

- Gordon SG, **Butler BE**, Lomber SG. Differential cortical thickness in hearing and deaf auditory cortex of the cat. Association for Research in Otolaryngology Midwinter Meeting (Virtual).
- 2020 Lammert J*, **Butler BE**. Investigating the effects of sign language experience on brain organization. Western Interdisciplinary Student Symposium on Language Research, London ON (podium).
- 2019 **Butler BE**. Neuroanatomical stability in the deaf: Implications for plasticity and functional restoration. Conference on Implantable Auditory Prostheses, Tahoe City CA.
- Butler BE**, Lomber SG. An interhemispheric comparison of projections to temporal auditory cortex in normal hearing and early deaf cats. Association for Research in Otolaryngology Midwinter Meeting, Baltimore MD.
- Patil NY*, Patience JY*, **Butler BE**. Structural effects of cross-modal neuroplasticity following unilateral early- and late-onset deafness. Southern Ontario Neuroscience. Windsor ON.
- Patience JY*, Patil NY*, **Butler BE**. Structural effects of cross-modal neuroplasticity following unilateral early- and late-onset deafness. Western Student Research Conference. London ON.
- Gordon SY, Levine AY*, **Butler BE**, Lomber SG. Differential thinning and thickening of auditory cortex in deaf cats revealed with ultra-high-field MRI. International Hearing Loss Conference, Niagara-on-the-Lake ON.
- Levine AY*, Li BY*, Barnes P*, Lomber SG, **Butler BE**. Alfaxalone as an alternative anaesthetic for functional MRI of the cat. International Hearing Loss Conference, Niagara-on-the-Lake ON.
- 2018 **Butler BE**. The dispersion of auditory cortical outputs to the superior colliculus following hearing loss. Gordon Research Conference on the Auditory System, Smithfield RI.
- Butler BE**, Lomber SG. The dispersion of auditory cortical outputs to the superior colliculus following hearing loss. The International Multisensory Research Forum, Toronto ON.
- Butler BE**, Lomber SG. Quantifying and comparing connectivity within auditory cortex and between sensory cortices in hearing and deaf cats. 6th International Conference on Auditory Cortex, Banff AB.
- Butler BE**, Lomber SG. Quantifying connectivity to auditory cortex: Implications for crossmodal plasticity and hearing restoration. Conference on Implantable Auditory Prostheses, Tahoe City CA.
- Butler BE**, Lomber SG. Quantifying the impact of early-onset hearing loss on stimulus-directed behaviour: An analysis of corticotectal projections in the deaf cat. Association for Research in Otolaryngology Midwinter Meeting, Baltimore MD (podium).

- 2016 **Butler BE**, Lomber SG. Quantifying corticotectal projections to the superior colliculus that underlie orienting behaviours in the cat. Canadian Society for Brain, Behaviour & Cognitive Science, Ottawa ON.
- Butler BE**, Lomber SG. Patterns of neuroanatomical connections to auditory cortical areas in hearing and deaf cats. 40th Association for Research in Otolaryngology Meeting, San Diego CA.
- 2015 **Butler BE**, Lomber SG. Differential patterns of thalamocortical and corticocortical projections to auditory fields of early- and late-deaf cats. Conference on Implantable Auditory Prostheses, Lake Tahoe CA.
- Butler BE**, Lomber SG. A comparison of thalamic and cortical projections to primary and non-primary auditory fields of the cat. Neuroscience 2015 – Meeting of the Society for Neuroscience, Chicago IL.
- Butler BE**, Lomber SG. Differential patterns of projections to the posterior auditory field in early- and late-deaf cats. Canadian Neuroscience Meeting, Vancouver BC.

Teaching Course Design **Teaching and Course Design Experience**

COURSES TAUGHT AS INSTRUCTOR OF RECORD

2022-2023	Western University Western University	Psych2115A: Introduction to Sensation & Perception Psych4115A: Atypical Sensory Experience
2021-2022	Western University Western University Western University	Psych2115A: Introduction to Sensation & Perception Psych2115B: Introduction to Sensation & Perception Psych4115A: Atypical Sensory Experience
2020-2021	Western University Western University	Psych2115B: Introduction to Sensation & Perception Psych2015B: The Psychology of Sensation & Perception
2019-2021	Western University Western University	Psych2115A: Introduction to Sensation & Perception Psych4295A: Enriched/Impoverished Sensory Development
2018-2019	Western University	Psych4295A: Enriched/Impoverished Sensory Development
2014-2105	Western University Western University	CSD9516B: Auditory Evoked Potentials & Emissions CSD9517B: Physiological Measurement
2009-2010	McMaster University	PNB1X03: Introduction to Psychology

GUEST LECTURES

2021-2022	Western University	Psych9260: CDBS Graduate Proseminar
2020-2021	Western University	Psych9260: CDBS Graduate Proseminar
2019-2020	Western University	Psych9260: CDBS Graduate Proseminar
2018-2019	Western University	Psych9260: CDBS Graduate Proseminar
2015-2016	Western University	Psych2115A: Introduction to Sensation & Perception

Trainee and Student Supervision

POSTDOCTORAL TRAINEES

- 2021 - Chenxi He (Daniel Ansari: Co-supervisor)
Tier II Brainscan Fellowship - \$116,000
- 2019-2021 Daniel Miller (Ali Khan: Co-supervisor)
Current Position: Assistant Professor, University of Illinois
Tier I Brainscan Fellowship - \$240,000
Western Postdoctoral Fellowship - \$20,000
- 2020-2021 Alexandra Levine
Current Position: EDI Coordinator, Western University Health Sciences

GRADUATE STUDENTS

- 2022 - Facundo Lodol – MSc Neuroscience, Western University
- 2022 - Austin Robertson – PhD Neuroscience, Western University
Ontario Graduate Scholarship - \$15,000
- 2021 - Jessica Lammert – PhD Psychology (CDBS)
Graduate Research Award Fund - \$250
Ontario Graduate Scholarship - \$15,000
- 2021 - Cailey Salagovic – PhD Psychology (CDBS; Ryan Stevenson: Co-supervisor)
Graduate Research Award Fund - \$500
- 2021 - Kate Raymond – MSc Psychology (Clinical)
Ontario Graduate Scholarship - \$15,000
- 2021 - Emma Neto – MSc Psychology (CDBS)
- 2020 - Zhaleh Alipour, PhD Neuroscience, Western University (Jessica Grahm: Co-supervisor)
BrainsCAN Graduate Studentship - \$105,000
- 2020 - 2022 Sarah Bobbitt – MSc Neuroscience, Western University
2021 SSHRC Canadian Graduate Scholarship - \$30,000
2020 Ontario Graduate Scholarship - \$15,000
Graduate Research Award Fund - \$500
- 2020 - 2022 Austin Roberston – MSc Neuroscience, Western University
Neuroscience Graduate Travel Award - \$500
- 2019 - 2021 Jessica Lammert, MSc Psychology (CDBS)
2020 NSERC Canadian Graduate Scholarship - \$30,000
2019 Ontario Graduate Scholarship - \$15,000
Graduate Research Award Fund - \$500
- 2019 - 2021 Kate Raymond, MSc Neuroscience
2020 NSERC Canadian Graduate Scholarship - \$30,000
2019 Ontario Graduate Scholarship - \$15,000
- 2019 - 2021 Cailey Salagovic, MSc Psychology (CDBS; Ryan Stevenson: Co-supervisor)
Graduate Research Award Fund - \$500

UNDERGRADUATE THESIS STUDENTS

2022-2023	Adam Hull, Neuroscience Catherine Lin, Psychology Sophia Robinson, Psychology Taea Ho, Psychology
2021-2022	Facundo Lodol, Psychology Jania Hemnani, Psychology Dursa Koshkebaghi, Neuroscience
2020-2021	Rebekah Gilliland, Neuroscience Rachel Shulman, Psychology Jenna Segall, Psychology
2019-2020	Efterpi Marinis, Psychology Nicole Sedlak, Psychology Del Macgowan, Neuroscience Soojung Yu, Neuroscience
2018-2019	James Patience, Neuroscience Thirushi Siriwardena, Neuroscience

GRADUATE STUDENT COMMITTEE MEMBERSHIP

2022 -	Cassandra Bacher, PhD Neuroscience
2022 -	Marina Emerick, PhD Neuroscience
2022 -	Brian Wu, MSc Neuroscience
2022 -	Sophie Kelly, MSc Neuroscience
2022 -	Ella Doornaert, MSc Neuroscience
2022 -	Niki Sinha, PhD Neuroscience
2022 -	Ramkumar Jagadeesan, MSc Psychology
2021 -	Rebekka Legace Cusiak, PhD Psychology
2021 -	Aoi Ichiyama, PhD Neuroscience
2021 -	Peyman Heidari, MSc Neuroscience
2021 -	Nima Zargarnezhad, MSc Neuroscience
2021 -	Azadeh Jafari, PhD Neuroscience
2021 -	Calista Henry, MSc Neuroscience
2021 -	Reebal Rafah, PhD Neuroscience
2021 -	Ali Tafakkor, MSc Neuroscience
2021 -	Jaana Leppala, MSc Neuroscience
2021 -	Janahan Selvanayagam, PhD Neuroscience
2020 - 2022	Joseph Rovetti, MSc Psychology
2020 -	Matthew Bain, PhD Psychology
2020 - 2022	Marina Emerick, MSc Neuroscience
2020 - 2022	Natalia Mangos, MSc Psychology
2020 - 2022	Heba Hussian, MSc Neuroscience
2020 -	Meara Stow, MSc Psychology
2019 -	Maddison Tutton, PhD Psychology
2019 -	Madeleine Brodbeck, PhD Psychology

2019 - Samantha Schulz, PhD Psychology
 2019 - Michelle Jiminez-Sosa, PhD Neuroscience
 2019 - 2021 Rebekka Legace Cusiak, MSc Psychology
 2019 - 2021 Marco Galloone, MSc Mechatronics Engineering
 2018 - 2021 Justin Hopper, MSc Psychology
 2018 - 2020 Emma Stewart, MSc Neuroscience
 2018 - 2020 Matthew Bain, MSc Psychology
 2018 - 2020 Syed Raza, MSc Neuroscience
 2018 - 2019 Aaron Gibbins, PhD Psychology

GRADUATE STUDENT THESIS/COMPREHENSIVE EXAMINER

2022 Cassandra Bacher, MSc Neuroscience
 2022 Joseph Rovetti, MSc Psychology
 2022 Kathleen Lyons, PhD Psychology
 2022 Marina Emerick, MSc Neuroscience
 2022 Mohammed Al-Youzbaki, MSc Anatomy & Cell Biology
 2022 Anthony Cruz, MSc Psychology
 2022 Natalia Mangos, MSc Neuroscience
 2022 Abdullah Al-Jaja, PhD Neuroscience
 2022 Jaimy Hannah, Psychology Comprehensive Exam
 2021 Niki Hosseini-Kamkar, PhD Psychology
 2021 Ashwin Harimohan, MSc Neuroscience
 2021 Sarah Klapman, MSc Neuroscience
 2021 Maximilian Tran-Luong, MSc Health & Rehabilitation Sciences
 2021 Rebekka Lagace-Cusiak, MSc Psychology
 2021 Matthew Urichuk, PhD Health & Rehabilitation Sciences
 2021 Eva Berlot, PhD Neuroscience
 2021 Krystyna Wiczerzak, PhD Neuroscience
 2021 Kaela Scott, PhD Neuroscience
 2021 Madison Tutton, Psychology Comprehensive Exam
 2020 Sarah Hollywood, MSc Psychology
 2020 Jerrica Mulgrew, MSc Psychology
 2020 Ramina Adam, PhD Neuroscience
 2020 Matthew Lucas, PhD Health & Rehabilitation Sciences
 2020 Christine Moreau, Psychology Comprehensive Exam
 2020 Joshua Hoddinott, Neuroscience Comprehensive Exam
 2020 Kristi Von Handorf, Neuroscience Comprehensive Exam
 2020 Sebastian Lauzon, MSc Psychology
 2019 Zachary Hawes, PhD Psychology
 2019 Parvaneh Abbasalipour, PhD Health & Rehabilitation Sciences
 2019 Shannon Compton, MSc Neuroscience
 2019 Sonia Varma, MSc Neuroscience
 2019 Aaron Gibbins, PhD Psychology
 2019 Bailey Brashears, MSc Psychology
 2019 Negar Ahzan, MSc Health & Rehabilitation Sciences
 2019 Jonathan Vaisberg, PhD Health & Rehabilitation Sciences
 2019 Krystyna Wiczerzak, Neuroscience Comprehensive Exam

2018 Chao Gu, PhD Neuroscience
 2018 Brendon Samuels, MSc Neuroscience
 2018 Julia Sunstrum, MSc Neuroscience
 2018 Spencer Arbuckle, Neuroscience Comprehensive Exam
 2018 Eva Berlot, Neuroscience Comprehensive Exam
 2018 Adrienne Harrison, Health & Rehabilitation Sciences Comprehensive Exam
 2018 Kaela Scott, Neuroscience Comprehensive Exam
 2017 Gregory Sigel, MSc Anatomy & Cell Biology
 2016 Sangamanatha Veeranna, PhD Health & Rehabilitation Sciences

OTHER TRAINEES

2023 Kuralay Zhaksylyk, Psychology Independent Study
 2022 Emiko Osborne, Psychology Independent Study
 Aimee Dawe, Head & Heart Indigenous Research Fellow
 Kuralay Zhaksylyk, Diversity in Neuroscience Summer Intern
 Pierre Ibrahim, Psychology Independent Study
 Facundo Lodol, Psychology Independent Study
 2021 Adam Hull, NSERC Undergraduate Student Research Award Recipient
 Facundo Lodol, Undergraduate Research Assistant (paid)
 Emerald Schreier, Psychology Independent Study
 2020 Julia Schmid, NSERC Undergraduate Student Research Award Recipient
 Facundo Lodol, Undergraduate Student Research Internship Recipient
 2019 Soojung Yu, NSERC Undergraduate Student Research Award Recipient
 Nikhil Patil, Undergraduate Research Assistant (paid)
 2018 Nikhil Patil, NSERC Undergraduate Student Research Award Recipient

Academic Service (last 7 years)

DEPARTMENTAL SERVICE

2021 - 2022 Animal Behaviour & Cognition Faculty Search Committee
 2021 CGS-M Departmental Review (Psychology)
 2021 - Equity, Diversity, & Inclusion Committee (Psychology)
 2021 Graduate Affairs Committee (Psychology)
 2020 - 2021 Animal Behaviour & Cognition Faculty Search Committee
 2020 CGS-M Departmental Review (Psychology)
 2020 CGS-D Departmental Review (Psychology)
 2019 - Animal Care Executive Committee (Psychology)
 2019 - Space & Facilities Executive Committee (Psychology)
 2019 - 2020 Animal Behaviour & Cognition Faculty Search Committee

FACULTY SERVICE

2022 - Faculty of Social Science College of Reviewers

INSTITUTIONAL SERVICE

- 2022 - Animal Care Committee
- 2022 External Assessment of Teaching - Stephen Van Hedger, Huron University College
- 2021 - Neuroscience Graduate Program Committee
- 2022 CGS-M Institutional Review, Western University
- 2021 CGS-D Program Review (Neuroscience)
- 2021 CGS-M Institutional Review (Western University)
- 2020 BrainsCAN Accelerator Grant Reviewer
- 2020 - 2021 Western Interdisciplinary Neuroscience Lecture Series Organizing Committee

EXTERNAL SERVICE

- 2022 - 2023 Scinapse Undergraduate Case Competition - Judge
- 2022 Canadian Hearing Services - Global Partnerships Grant Reviewer
- 2022 Gordon Research Conference on the Auditory System - Organizing Committee
- 2022 Southern Ontario Neuroscience Association - Trainee Presentation Judge
- 2022 Society for Music Perception & Cognition Scientific Advisory Committee
- 2021 - Association for Research in Otolaryngology Mentorship Program
- 2021 New Frontiers in Research Fund - External Reviewer
- 2021 Natural Sciences and Engineering Research Council of Canada - External Reviewer
- 2021 - 2022 Brain Canada Future Leaders in Canadian Brain Research Reviewer
- 2020 - Canadian Brain Research Strategy - ECR representative
- 2020 Natural Sciences and Engineering Research Council of Canada - External Reviewer
- 2018 Gordon Research Conference on the Auditory System - Organizing Committee
- 2017 - 2021 Conference on Implantable Auditory Prostheses – Scientific Advisory Committee
- 2016 Advances & Perspectives in Auditory Neuroscience – Organizing Committee

EDITORIAL & JOURNAL REVIEW CONTRIBUTIONS

- Invited Editor Hearing Research – Central Consequences of Deafness
Hearing Research – 6th International Conference on Auditory Cortex
- Ad Hoc Reviewer Journal of Neuroscience, Journal of Neurophysiology, Experimental Brain Research, Neuroreport, Perceptual & Motor Skills, Neuropsychologia, Journal of the Acoustical Society of America, NeuroImage, Brain Imaging & Behavior, PLoS One, Frontiers in Psychology, Brain Structure & Function, Cortex, Ear & Hearing, Hearing Research, Journal of the Acoustical Society of America, International Journal of Audiology, BMC Neurology, Brain