

Jeffrey Min-In Yau

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Baylor College of Medicine
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(updated October 2018)

Positions

2014 – present Assistant Professor
Department of Neuroscience, Baylor College of Medicine

Education and Training

2009 – 2014 Johns Hopkins Medical Institutions
Department of Neurology
Postdoctoral Research Fellow
Advisor: John E. Desmond

2004 – 2009 Johns Hopkins University
Ph.D. in Neuroscience
Advisors: Charles E. Connor and Steven S. Hsiao

2000 – 2003 University of North Carolina at Chapel Hill
B.S. in Psychology with Highest Honors

Grants and Awards

Current Research Support

Supramodal human brain networks for temporal frequency processing NIH (NINDS) 1R01NS097462 Role: PI	07/15/2016-06/30/2021 \$1,093,750 total direct costs
Cortical network reorganization in lower-limb amputees The Dana Foundation; The David Mahoney Neuroimaging Program Role: PI	09/08/2016-09/08/2019 \$200,000 total direct costs

Past Research Support / Fellowships

Sloan Research Fellow Early Career Award in Neuroscience Alfred P. Sloan Foundation Role: PI	09/15/2015-09/14/2017 \$50,000 total direct costs
Magnetic dissection of human perceptual decision making networks Baylor College of Medicine Junior Faculty Seed Program Role: PI	07/01/2014-06/30/2015 \$30,000 total direct costs

NIH Kirschstein-National Research Service Award, "Crossmodal recruitment of visual and auditory cortex for tactile perception" (NINDS) F32NS073371, 2011-2014

NIH Kirschstein-National Research Service Award, "Comparison of shape coding in somatosensory and visual cortex" (NINDS) F31NS062511, 2008-2009

Ruben Adler Visual Neuroscience Training Grant (NEI), 2005-2007

Awards and Honors

2015 Sloan Research Fellow Early Career Award in Neuroscience
2009 Summer Institute in Cognitive Neuroscience
2005 The H.A. and Mary K. Chapman Young Investigator Fellowship

Publications

Peer Reviewed Original Research Articles

Convento, S., Wegner-Clemens, K., & Yau, J.M. (2019) Reciprocal interactions between audition and touch in flutter frequency perception. *Multisensory Research*, 32(1), doi: <https://doi.org/10.1163/22134808-20181334>.

Perez-Bellido, A., Pappal, R.D., & Yau, J.M. (2018) Touch engages visual spatial contextual processing, *Scientific Reports*, 8(1), 16637. doi: 10.1038/s41598-018-34810-z.

Crommett, L.E., Madala, D., & Yau, J.M. (2018) Multisensory perceptual interactions between higher-order temporal frequency signals, *Journal of Experimental Psychology: General*, doi: 10.1037/xge0000513.

Helekar, S.A., Convento, S., Nguyen, L., John, B.S., Patel, A., Yau, J.M., & Voss, H.U. (2018) The strength and spread of the electric field induced by transcranial rotating permanent magnet stimulation in comparison with conventional transcranial magnetic stimulation. *Journal of Neuroscience Methods*, 309: 153-160. Doi: 10.1016/j.jneumeth.2018.09.002.

Convento, S., Rahman, M.S., & Yau, J.M. (2018) Selective attention gates the interactive crossmodal coupling between perceptual systems, *Current Biology*, 28(5), 746-752. doi: 10.1016/j.cub.2018.01.021.

- [commentary by NP Holmes and L Tamè, "Multisensory perception: Magnetic disruption of attention in human parietal lobe" *Current Biology*, 28(6), R259-261]

Perez-Bellido, A., Crommett, L.E., Barnes, K.A., & Yau, J.M. (2017) Auditory frequency representations in human somatosensory cortex, *Cerebral Cortex*. doi: 10.1093/cercor/bhx255
• [featured in <http://medicalphysicsweb.org/cws/article/research/70385>]

Crommett, L.E., Perez-Bellido, A., & Yau, J.M. (2017) Auditory adaptation improves tactile frequency perception, *Journal of Neurophysiology*, 117(3), 1352-1362. doi: 10.1152/jn.00783.2016
• [designated as an APSselect article for March 2017 by The American Physiological Society]

Yau, J.M., Kim, S.S., Thakur, P.H., & Bensmaia, S.J. (2016) Feeling form: the neural basis of haptic shape perception, *Journal of Neurophysiology*, 115(2), 631-642. doi: 10.1152/jn.00598.2015

- Yau, J.M., DeAngelis, G.C., & Angelaki, D.E. (2015) Dissecting neural circuits for multisensory integration and crossmodal processing, *Proceedings of the Royal Society B*, 370(1677), doi: 10.1098/rstb.2014.0203.
- Liao, D.A., Kronemer, S.I., Yau, J.M., Desmond, J.E., Marvel, C.L. (2014) Motor system contributions to verbal and non-verbal working memory, *Frontiers in Human Neuroscience*, doi: 10.3389/fnhum.2014.00753.
- Yau, J.M., Jalinous, R., Cantarero, G.L., & Desmond, J.E. (2014) Static field influences on transcranial magnetic stimulation: Considerations for concurrent TMS-fMRI, *Brain Stimulation*, 7(3), 388-393. doi: 10.1016/j.brs.2014.02.007.
- Yau, J.M., Celnik, P., Hsiao, S.S., & Desmond, J.E. (2014) Feeling better: Separate pathways for targeted enhancement of spatial and temporal touch, *Psychological Science*, 25(2), 555-565. doi: 10.1177/0956797613511467.
- Yau, J.M., Connor, C.E., & Hsiao, S.S. (2013) Representation of tactile curvature in macaque somatosensory area 2, *Journal of Neurophysiology*, 109(12), 2999-3012. doi:10.1152/jn.00804.2012.
- Yau, J.M., Liao, D.A., Hua, J., & Desmond, J.E. (2013) Efficient and robust identification of cortical targets in concurrent TMS-fMRI experiments, *Neuroimage*, 76, 134-144. doi:10.1016/j.neuroimage.2013.02.077.
- Yau, J.M., Pasupathy, A., Brincat, S.L., & Connor, C.E. (2013) Curvature processing dynamics in macaque area V4, *Cerebral Cortex*, 23(1), 198-209. doi:10.1093/cercor/bhs004.
- Yau, J.M., Weber, A.I., & Bensmaia, S.J. (2010) Separate mechanisms for audio-tactile pitch and loudness interactions, *Frontiers in Psychology*, doi: 10.3389/fpsyg.2010.00160.
- Godoy, A., Montecinos, V.P., Gray, D.R., Sotomayor, P., Yau, J.M., Vethanayagam, R.R., Singh, S., Mohler, J.L., & Smith, G.J. (2010) Androgen deprivation induces rapid involution and recovery of human prostate vasculature, *American Journal of Physiology: Endocrinology and Metabolism*, 300(2), E263-75.
- Lane, J.W., Fitzgerald, P.J., Yau, J.M., Pembeci, I., & Hsiao, S.S. (2009) A tactile stimulator for studying passive shape perception, *Journal of Neuroscience Methods*, 185(2), 221-229.
- Yau, J.M., Pasupathy, A., Fitzgerald, P.J., Hsiao, S.S., & Connor, C.E. (2009) Analogous intermediate shape coding in vision and touch, *Proceedings of the National Academy of Sciences (USA)*, 106(38), 16457-16462.
- Yau, J.M., Hollins, M., & Bensmaia, S.J. (2009) Textural timbre: the perception of surface microtexture depends in part on multimodal spectral cues, *Communicative & Integrative Biology*, 2(4), 1-3.
- Yau, J.M., Olenczak, J.B, Dammann, J.F., & Bensmaia, S.J. (2009) Temporal frequency channels are linked across audition and touch, *Current Biology*, 19(7), 561-566.
- [commentary by JJ Foxe, "Multisensory integration: frequency tuning of audio-tactile integration." *Current Biology*, 19(9), R373-5]

Berryman, L.J., Yau, J.M., & Hsiao, S.S. (2006) Representation of object size in the somatosensory system, *Journal of Neurophysiology*, 96(1), 27-39.

Bensmaia, S.J., Hollins, M., & Yau, J. (2005) Vibrotactile intensity and frequency information in the Pacinian system: a psychophysical model, *Perception and Psychophysics*, 67(5), 828-841.

Gray, D.R., Huss, W.J., Yau, J.M., Durham, L.E., Werdin, E.S., Funkhouser Jr., W.K., & Smith, G.J. (2004) Short-term human prostate primary xenografts: an *in vivo* model of human prostate cancer vasculature and angiogenesis, *Cancer Research*, 64(5), 1712-21.

Manuscripts under review

Rahman, M.S. & Yau, J.M. Normalization models of contextualized touch. (2018, April 12) bioRxiv doi: <https://doi.org/10.1101/283218>

Oh, H., Kim, J.H., & Yau, J.M. Distortion correction for simultaneous human brain stimulation and imaging at 3T.

Manuscripts in preparation

Lai, L., Magnotti, J.F., & Yau, J.M. Contextual determinants of cue binding or separation in multisensory time perception.

Rahman, M.S., Barnes, K.A., Crommett, L.E., Tommerdahl, M., & Yau, J.M. Multimodal sensory circuits are embedded in traditionally defined sensory cortex hierarchies.

Book Chapters

Yau, J.M. Somatosensory Cortex: Neural Coding of Shape. In Jaeger D. & Jung R. (Ed.), *Encyclopedia of Computational Neuroscience*: SpringerReference (www.springerreference.com). Springer-Verlag Berlin Heidelberg, 2013. DOI:10.1007/SpringerReference_348449 2013-11-26 15:48:24 UTC.

Bensmaia, S.J. & Yau, J.M. The organization and function of somatosensory cortex. In Hertenstein & Weiss (Eds.), *Handbook of Touch*. New York, NY: Springer Publishing Company, 2011, 161-187.

Hsiao, S.S. & Yau, J.M. Neural basis of haptic perception. In M. Grunwald (Ed.), *Human Haptic Perception: Basics and Applications*. Basel, Switzerland: Birkhäuser Verlag, 2008, 103-112.

Invited Presentations

- 2018 Center for Vital Longevity, University of Texas at Dallas, Dallas, TX.
- 2018 Interdisciplinary Program in Neuroscience, Georgetown University, Washington DC.
- 2018 Child Neurology Grand Rounds, Texas Children's Hospital, Houston, TX.
- 2017 CIBR Center Seminar, Baylor College of Medicine, Houston, TX.
- 2016 Department of Neuroscience, University of Wisconsin-Madison, Madison, WI.
- 2016 National Taiwan University, Taipei, Taiwan, ROC.
- 2016 Motor rehabilitation group, University of Houston, Houston, TX.
- 2015 Networks Seminar, University of Houston, Houston, TX.
- 2015 Janelia Research Conference, Janelia Research Campus, Ashburn, VA.
- 2015 IEEE World Haptics Conference, Evanston, IL.

2015 Neuroengineering Seminar, Rice University, Houston, TX.
 2014 Cognitive Tea, Rice University, Houston, TX.
 2014 The Steven S. Hsiao Memorial Symposium, Johns Hopkins University, Baltimore, MD.
 2014 Multisensory Research Group, Universitat Pompeu Fabra, Barcelona, Spain.
 2014 Bodian Seminar, Johns Hopkins University, Baltimore, MD.
 2013 Human Cortical Physiology and Stroke Neurorehabilitation Section, National Institute of Neurological Disorders and Stroke, Bethesda, MD.
 2013 Department of Neurology, Johns Hopkins Medical Institutions, Baltimore, MD.
 2013 Department of Neuroscience, Baylor College of Medicine, Houston, TX.
 2012 Maryland Neuroimaging Retreat, Baltimore, MD.
 2012 Institute of Movement Neuroscience, University College London, London, UK.
 2012 Institute of Movement Neuroscience, University College London, London, UK.
 2012 Laboratory of Brain and Cognition, National Institute of Mental Health, Bethesda, MD.
 2011 161st Meeting of the Acoustical Society of America, Seattle, WA.
 2008 Howard Hughes Medical Institute – Janelia Farm Research Campus, Ashburn, VA.

Conference organization

- Organizing Committee, Scientific Committee. International Multisensory Research Forum (2018; Toronto, Canada)
- Chair, Minisymposium. “Good Vibrations: Genetic, Neural and Behavioral Links Between Auditory and Tactile Perception”. Society for Neuroscience (2017; Washington DC).
- Chair, Symposium. “Adaptation in Space and Time”. International Multisensory Research Forum (2016; Suzhou, China).

Conference Presentations

Distributed and interactive cortical systems for audition and touch. New Ideas Workshop on Crossmodal Processing (2018), Paris, France

Normalization models of cue combination in touch. Hand, Brain, and Technology: The Somatosensory System (2018), Ascona, Switzerland

Canonical computations mediate cue combination in touch. International Multisensory Research Forum (2018), Toronto, Canada

The neural basis of spatial and temporal touch. Interdisciplinary Research Perspectives on Braille Reading and Writing (2018), Houston, TX.

Distributed representations of auditory and tactile frequency in the human brain. Society for Neuroscience (2017), Washington DC.

Common circuits support frequency perception by audition and touch. International Society for Behavioural Neuroscience (2017), Las Vegas, NV.

Adaptation reveals supramodal temporal frequency circuits. International Multisensory Research Forum (2016), Suzhou, China

Do neural codes shape crossmodal correspondences? International Multisensory Research Forum (2014), Amsterdam, Netherlands.

Dissociating pitch and loudness interactions between audition and touch. International Multisensory Research Forum (2013), Jerusalem, Israel.

Dissociable crossmodal recruitment of visual and auditory cortex for tactile perception. International Multisensory Research Forum (2012), Oxford, UK.

Perceptual interactions between audition and touch. Tactile Research Group Meeting (2010), St Louis, MO.

Curvature synthesis in area V4. Annual Meeting of the Vision Sciences Society (2010), Naples, FL.

Abstracts

Helekar, S.A., Convento, S., Joseph, E., John, B.S., Shannon, C.R., Mathew, J.A., & Yau, J.M. (2019) *Modulation of cortical excitability and function by rapid rotation of strong permanent magnets in a wearable brain stimulator.* International Neuromodulation Society

Sen, S., Rahman, M., & Yau, J.M. (2019) *Bimanual perceptual interactions in the frequency domain differ for flutter and vibration cues.* Cognitive Neuroscience Society

Davids, A.G. & Yau, J.M. (2019) *A novel method to quantify the haptic perception of slope.* American Academy of Orthotists and Prosthetists

Tomson, S.N., Wang, L.Y., & Yau, J.M. (2017) *Cortical reorganization following lower limb amputation.* Society for Neuroscience

Helekar, S.A., Patel, A., Convento, S., John, B., Nguyen, L., Yau, J.M. (2017) *Comparison of the amplitude and spatial distribution of voltages induced by a new method of magnetic stimulation with conventional transcranial magnetic stimulation.* Society for Neuroscience

Lai, L., Magnotti, J.F., & Yau, J.M. (2017) *Multisensory context warps time perception.* Cognitive Computational Neuroscience

Rahman, M., Patel, A.M., & Yau, J.M. (2017) *Probabilistic inference in multi-finger touch.* Cognitive Computational Neuroscience

Convento, S., Rahman, M., & Yau, J.M. (2017) *State-dependent influences of somatosensory cortex on audition.* International Multisensory Research Forum.

Crommett, L.E., Madala, D., & Yau, J.M. (2017) *Multisensory interactions in frequency sweep perception.* International Multisensory Research Forum

Yau, J.M., Rahman, M., & Patel, A.M. (2017) *Spatial proximity determines the strength of multi-finger interactions.* Neural Control of Movement

Convento, S., Rahman, M., & Yau, J.M. (2016) *Neuromodulation of primary somatosensory cortex alters auditory perception.* Society for Neuroscience

Rahman, M., & Yau, J.M. (2016) *Multi-finger cue combination depends on hand proprioception*. Society for Neuroscience

Lai, L., & Yau, J.M. (2016) *Attractive and repulsive multisensory interactions in time perception*. Society for Neuroscience

Crommett, L.E., Madala, D., & Yau, J.M. (2016) *Multisensory interactions in frequency sweep perception*. Society for Neuroscience

Perez-Bellido, A., Barnes, K.A., & Yau, J.M. (2016) *Auditory and tactile frequency representations overlap in parietal operculum*. European Conference on Visual Perception

Barnes, K.A., Tommerdahl, M., & Yau, J.M. (2015) *fMRI adaptation reveals population tuning for tactile and auditory stimulus frequency in human cortex*. Society for Neuroscience

Perez-Bellido, A., Barnes, K.A., Tommerdahl, M., & Yau, J.M. (2015) *Decoding modality-specific and modality-invariant temporal frequency representations in the human brain*. Society for Neuroscience

Crommett, L., Perez-Bellido, A., & Yau, J.M. (2015) *Crossmodal perceptual adaptation implies neuronal convergence of auditory and tactile frequency signals*. Society for Neuroscience

Hua, J., Pekar, J.J., van Zijl, P.C.M., Qin, Q., Jones, C.K., & Yau, J.M. (2014) *Boosting BOLD sensitivity in frontal and temporal regions using T2-prepared BOLD fMRI at 7T*. Organization for Human Brain Mapping

Yau, J.M., Nebel, M.B., Hua, J., & Desmond, J.E. (2013) *Direct comparison of network connectivity revealed by resting-state fMRI and concurrent TMS-fMRI*. Society for Neuroscience

Desmond, J.E., Hua, J., Liao, D.A., & Yau, J.M. (2012) *Robust and rapid identification of TMS targets in concurrent TMS-fMRI experiments*. Society for Neuroscience

Yau, J.M., Celnik, P., Hsiao, S.S., & Desmond, J.E. (2012) *Direct current stimulation reveals separate crossmodal mechanisms for tactile orientation and frequency perception*. Society for Neuroscience

Liao, D.A., Yau, J.M., Desmond, J.E., & Marvel, C.L. (2012) *Contributions of the motor system to verbal and non-verbal working memory: A TMS study*. Society for Neuroscience

Liao, D.A., Yau, J.M., Echavarria, D.M., Faulkner, M.L., Desmond, J.E., & Marvel, C.L. (2012) *Using fMRI and TMS to study interactions of the motor system and working memory*. Organization for Human Brain Mapping

Yau, J.M., Celnik, P., & Desmond, J.E. (2011) *Direct current stimulation of visual cortex improves tactile spatial acuity*. Society for Neuroscience

Yau, J.M., Kim, D.J., Jo, M., & Bensmaia, S.J. (2009) *Cross-modal interactions in pitch and loudness*. Society for Neuroscience

Yau, J.M., Hsiao, S.S., & Connor, C.E. (2008) *Common neural mechanisms of intermediate shape processing in vision and touch*. Computational and Systems Neuroscience

- Yau, J.M., Fitzgerald, P.J., Connor, C.E., & Hsiao, S.S. (2007) *Early and intermediate representation of edge shape in the somatosensory system*. Society for Neuroscience
- Berryman, L.J., Yau, J.M., Fitzgerald, P.J., & Hsiao, S.S. (2006) *Representation of object size, compliance and curvature in the second somatosensory cortex*. Society for Neuroscience
- Yau, J.M., Berryman, L.J., Fitzgerald, P.J., Connor, C.E., & Hsiao, S.S. (2006) *2D shape representation in macaque second somatosensory cortex characterized with a genetic algorithm*. Society for Neuroscience
- Kim, S.S., Fitzgerald, P., Thakur, P., Berryman, L., Yau, J.M., & Hsiao, S.S. (2005) *Integration of spatial form across fingers in the second somatosensory cortex (SII) of the awake monkey*. Society for Neuroscience
- Berryman, L.J., Yau, J.M., Byrne, A.J., & Hsiao, S.S. (2004) *The effect of contact force and surface curvature on tactile size discrimination*. Society for Neuroscience
- Gray, D.R., Huss, W.J., Yau, J.M., Werdin, E.S., & Smith, G.J. (2004) *Human Prostate Vascular Dynamics following castration: a study of primary human prostate xenografts*. American Association for Cancer Research Conference
- Bensmaia, S.J., Hollins, M., & Yau, J.M. (2003) *The Pacinian system and the discrimination of high-frequency complex tactile waveforms: A neural model*. North Carolina Cognitive Group
- Gray, D.R., Werdin, E.S., Durham, L.E., Yau, J.M., Huss, W.J., Funkhouser, Jr., W.K., Mohler, J.L., & Smith, G.J. (2002) *Angiogenesis in CaP: Primary Human Prostate Xenografts: A Novel Model*. Society for Basic Urologic Research

Teaching Experience

Classroom Instruction – Baylor College of Medicine

- | | |
|--------------|-----------------------------------------------------------------------------------------------|
| 2018 | Director
'Neural Systems I' (Baylor College of Medicine, Graduate Level) |
| 2018 | Lecturer
'Fundamentals of Human Neuroimaging' (Baylor College of Medicine, Graduate Level) |
| 2016-2018 | Lecturer
'Neurolabs' (Baylor College of Medicine, Graduate Level) |
| 2015-2017 | Lecturer
'Neural Systems' (Baylor College of Medicine, Graduate Level) |
| 2015 | Lecturer
'Cognitive Neuroscience' (Rice University, Undergraduate Level) |
| 2015-present | Lecturer
'Neuroanatomy' (Baylor College of Medicine, Graduate Level) |
| 2014-2015 | Lecturer |

'Neural Systems' (Rice University, Undergraduate Level)

Classroom Instruction – Johns Hopkins University

- | | |
|------|-----------------------------------------------------------------|
| 2013 | Lecturer
'Higher Brain Function' (Undergraduate Level) |
| 2011 | Instructor
'Sensorimotor Processing' (Undergraduate Level) |
| 2008 | Lecturer
'Primate Brain Function' (Undergraduate Level) |
| 2006 | Graduate TA
'Neuroscience and Cognition II' (Graduate Level) |

Professional Societies

Society for Neuroscience
Society for the Neural Control of Movement
International Society for Behavioral Neuroscience
Vision Sciences Society

Reviewing

Editorial board

Multisensory Research (2018-)

Journals

Acta Psychologica, American Journal of Physical Medicine & Rehabilitation, Attention, Perception & Psychophysics, BMC Neuroscience, Brain Topography, Cerebral Cortex, Cortex, Current Biology, European Journal of Neuroscience, Experimental Brain Research, IEEE Transactions on Haptics, i-Perception, Journal of the Acoustical Society of America, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: General, Journal of Musculoskeletal and Neuronal Interactions, Journal of Neurophysiology, Journal of Neuropsychiatry and Clinical Neurosciences, Journal of Neuroscience, Multisensory Research, Neurobiology of Aging, NeuroImage, Neuropsychologia, Perception, Physiology & Behavior, PLoS ONE, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society B, Psychophysiology, Scientific Reports, Somatosensory and Motor Research, Temperature

Grants

National Institutes of Health

- Cognition and Perception (ad hoc reviewer; 6/2017, 2/2018)
- Mechanisms of Sensory, Perceptual, and Cognitive Processes (ad hoc reviewer; 6/2018)

National Science Foundation (outside reviewer)

Natural Sciences and Engineering Research Council of Canada (outside reviewer)

New Zealand Ministry of Business, Innovation and Employment (outside reviewer)

Mentoring

Current Students / Trainees

MD Shoaibur Rahman (2015-current): PhD student in Neuroscience
Lingyan Wang (2017-current): PhD student in Neuroscience
Elizabeth Halfen (2017-current): PhD student in Neuroscience
Austin Grant Davids (2017-current): Masters student in Orthotics and Prosthetics
Adrish Anand (2016-current): undergraduate researcher
Jennifer Mathews (2016-current): undergraduate researcher
Yash Wani (2017-current): undergraduate researcher
Sriparna Sen (2017-current): undergraduate researcher
Sophia Chang (2018-current): undergraduate researcher
Snigdha Banda (2018-current): undergraduate researcher
Aiswaryia Mantagani (2018-current): high school researcher

Former Students / Trainees

Alexis Perez Bellido, PhD (2014-2016): postdoctoral researcher
Silvia Convento, PhD (2015-2018): postdoctoral researcher
Hyuntaek Oh, PhD (2017-2018): postdoctoral researcher
Lexi Crommett (2014-2018): PhD student in Neuroscience
Katharine Pyron (2016-2017): Masters student in Orthotics and Prosthetics
Patrick Hing (2015-2016): Masters student in Orthotics and Prosthetics
Austin Grant Davids (2017-2018): Masters student in Orthotics and Prosthetics
Swati Pandita (2017): research assistant
Lucy Lai (2015-2018): undergraduate researcher
Akshat Patel (2016-2017): undergraduate researcher
Chandler Shannon (2016-2017): undergraduate researcher
Ryan Pappal (2015-2017): undergraduate researcher
Kira Wegner-Clemens (2015-2017): undergraduate researcher
Ethan Lau (2016): undergraduate research
Grace Flink (2016): undergraduate researcher
Deeksha Madala (2015-2016): undergraduate researcher
Allen Lin (2014-2015): Lab manager / research assistant
Richard Massey Branscomb (2014-2015): undergraduate researcher
Stephanie Yijing Chen (2014): undergraduate researcher
Helen Hoover (2014): undergraduate researcher
Dakarai McCoy (2016-2017): post-baccalaureate researcher
Advisor of 13 PhD or MD/PhD students during research rotations (LH, UG, RB, LA, JM, LC, SR, JS, SS, LW, JZ, YL, MC)

Dissertation/Qualifying Committees (BCM)

Member of 7 thesis committees (excluding mentored students) (SG, LZ, SL, JP, YL, LA, JZ)

Qualifying Exam Committee (BCM)

Member of 6 1st year qualifying exams

Thesis Exam Committee (External)

Lux Li – McMaster University, Department of Psychology, Neuroscience & Behavior (9/2017)

BCM Service

Neuroscience Department:

Admissions Committee (2016-present)

Curriculum Committee (2016-present)

College:

Seven Year-Plus Time to Degree Workgroup (2016)

GSBS Strategic Planning: Subcommittee on Thesis Advisory Committees (2017)

BCM PREP Steering Committee (2018-present)

Core for Advanced MRI (CAMRI) Advisory Committee (2018-present)