

**Anna Kosovicheva**  
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## PROFESSIONAL APPOINTMENTS

- 2021 - Assistant Professor, Department of Psychology  
Contractually Limited Term Appointment  
University of Toronto Mississauga – Mississauga, ON, Canada
- 2015 - 2020 Postdoctoral Researcher, Translational Vision Lab  
PI: Dr. Peter Bex  
Psychology Department, Northeastern University – Boston, MA

## EDUCATION

- 2015 University of California, Berkeley, Ph.D., Psychology  
Cognition, Brain, and Behavior Program  
Advisor: Dr. David Whitney  
Dissertation: *The Effects of Motion on Position Representations for Perception and Action*
- 2009 University of California, Berkeley, B.A., Psychology, Highest Honors

## RESEARCH INTERESTS

Visual perception: individual differences, localization, eye movements, spatial and binocular vision, digital readability, translational vision science

## RESEARCH FUNDING

**Funded** (\* indicates individual award):

- 2023 - Social Sciences and Humanities Research Council (SSHRC) Insight Grant (Co-Investigator)  
“Improving readability in the digital age: Optimizing variable fonts for individual readers”  
\$302,875 CAD (\$60,575 CAD annually)
- 2022 - \* Natural Sciences and Engineering Research Council (NSERC) Discovery Grant  
“Mechanisms of spatial localization in human vision”  
\$145,000 CAD (\$29,000 CAD annually)
- 2022 \* Natural Sciences and Engineering Research Council (NSERC) Discovery Launch  
Supplement  
\$12,500 CAD

- 2022 Adobe Research Award, Virtual Reading Laboratory Project  
\$94,750 CAD gift award to APPLY Lab (Co-I with Benjamin Wolfe)
- 2021 \* Bridge funding program, Office of the Vice-Principal, Research, University of Toronto  
Mississauga, \$25,000 CAD
- 2018 - 2020 \* Ruth L. Kirschstein Postdoctoral Individual National Research Service Award (NRSA)  
“Oculomotor deficits and plasticity across gaze posture in strabismus”  
National Institutes of Health (F32 EY028814), \$188,579 (USD)
- 2011 - 2014 \* Graduate Research Fellowship  
National Science Foundation (NSF-GRFP), \$32,000 (USD) annually and tuition

## AWARDS AND HONORS

- 2021 Fellow of the Psychonomic Society
- 2020 Elsevier/Vision Research Travel Award, V-VSS Meeting
- 2017 Travel Award, ARVO Meeting, National Eye Institute
- 2015 Travel Award, Norman Henry Anderson Fund, Psychology Department, UC Berkeley
- 2013, 2014 Graduate Division Travel Grant, UC Berkeley
- 2012 Abigail Reynolds Hodgen Publication Fund, Social Sciences Division, UC Berkeley
- 2009 Highest Distinction in General Scholarship, UC Berkeley
- 2009 Highest Honors in Psychology, UC Berkeley
- 2008 Katherine Craig Swan Undergraduate Research Award, UC Berkeley

## PUBLICATIONS

(underlined names denote students/postdocs mentored):

### Manuscripts in Preparation:

Simpson, D., Wolfe, B., & **Kosovicheva, A.** (In preparation). Individual differences in gaze behavior: Comparing high-level and sensory contributions.

Wiecek, E., **Kosovicheva, A.**, Ahmed, Z., Nabasaliza, A., Kazlas, M., Chan, K., Hunter, D. G., & Bex, P. J. (In preparation). Peripheral binocular imbalance in anisometropic and strabismic amblyopes

### Published & Forthcoming Papers:

23. Haseeb, Z., Wolfe, B., & **Kosovicheva, A.** (2023). Spatial variability in localization biases predicts crowding performance. *Journal of Vision*, 23(7), 1-11.
22. **Kosovicheva, A.**, Wolfe, J. M., & Wolfe, B. (2022). Taking prevalence effects on the road: Rare hazards are often missed. *Psychonomic Bulletin & Review*, 30(1), 212-223.

21. Wolfe, J. M., **Kosovicheva, A.**, & Wolfe, B. (2022). Normal Blindness: When We Look But Fail To See. *Trends in Cognitive Sciences*, 26(9), 809-819.
20. Wolfe, B., **Kosovicheva, A.**, Stent, S., & Rosenholtz, R. (2021). Effects of temporal and spatiotemporal cues on detection of dynamic road hazards. *Cognitive Research: Principles and Implications*, 6(1), 80.
19. **Kosovicheva, A.**, & Bex, P. J. (2021). Gravitational effects of scene information in object localization. *Scientific Reports*, 11, 11520, 1-14.
18. Caoli, A., Sabatini, S., Gibaldi, A., Maiello, G., **Kosovicheva, A.**, & Bex, P. J. (2020). A dichoptic feedback-based oculomotor training method to manipulate interocular alignment. *Scientific Reports*, 10, 15634, 1-13.
17. **Kosovicheva, A.** & Bex, P. J. (2020). Perceptual effects of unequal saccadic adaptation produced by a dichoptic step. *Journal of Vision*, 20(5):7, 1-21.
16. **Kosovicheva, A.**, Alaoui-Soce, A., & Wolfe, J. M. (2020). Looking ahead: When do you find the next item in foraging visual search? *Journal of Vision*, 20(2):3, 1–24.
15. **Kosovicheva, A.**, & Bex, P. J. (2020). What color was it? A psychophysical paradigm for tracking subjective progress in continuous tasks. *Perception*, 49(1), 21–38.
14. **Kosovicheva, A.**, Ferreira, A., Vera-Diaz, F. A., & Bex, P. J. (2019). Effects of temporal frequency on binocular deficits in amblyopia. *Vision Research*, 163, 52-62.
13. Wolfe, B., Fridman, L., **Kosovicheva, A.**, Seppelt, B., Mehler, B., Reimer, B., & Rosenholtz, R. (2019). Predicting road scenes from brief views of driving video. *Journal of Vision*, 19(5):8, 1–14.
12. Vera-Diaz, F. A., Bex, P. J., Ferreira, A., & **Kosovicheva, A.** (2018). Binocular temporal visual processing in myopia. *Journal of Vision*, 18(11), 1-12.
11. Manassi, M., Liberman, A., **Kosovicheva, A.**, Zhang, K., & Whitney, D. (2018). Serial dependence in position occurs at the time of perception. *Psychonomic Bulletin & Review*, 25(6), 2245-2253.
10. Chen, Z.\*, **Kosovicheva, A.\***, Wolfe, B. A., Cavanagh, P., Gorea, A., & Whitney, D. (2018). Unifying visual space across the left and right hemifields. *Psychological Science*, 29(3), 356 – 369. (\*co-first authors)
9. **Kosovicheva, A.**, & Whitney, D. (2017). Stable individual signatures in object localization. *Current Biology*, 27(14), R700-R701.
8. Wolfe, B., Fridman, L., **Kosovicheva, A.**, Seppelt, B., Mehler, B., Reimer, B. (2017). Perceiving the roadway in the blink of an eye – Rapid perception of the road environment and prediction of events. *Conference Proceedings, Driving Assessment 2017*.
7. Yamanashi Leib, A., **Kosovicheva, A.**, & Whitney, D. (2016). Fast ensemble representations for abstract visual impressions. *Nature Communications*, 7, 13186.

6. Wolfe, B., Dobres, J., **Kosovicheva, A.**, Rosenholtz, R., & Reimer, B. (2016). Age-related differences in the legibility of degraded text. *Cognitive Research: Principles and Implications*, 1(1), 22.
5. Wolfe, B. A., **Kosovicheva, A. A.**, Yamanashi Leib, A., Wood, K., & Whitney, D. (2015). Foveal input is not required for perception of crowd facial expression. *Journal of Vision*, 15(4), 1-13.
4. **Kosovicheva, A. A.**, Wolfe, B. A., & Whitney, D. (2014). Visual motion shifts saccade targets. *Attention, Perception, & Psychophysics*, 76(6), 1778-1788.
3. **Kosovicheva, A. A.**, Sheremata, S. L., Rokem, A., Landau, A. N. & Silver, M. A. (2012). Cholinergic enhancement reduces orientation-specific surround suppression but not visual crowding. *Frontiers in Behavioral Neuroscience*, 6(61), 1-11.
2. **Kosovicheva, A. A.**, Maus, G. W., Anstis, S. Cavanagh, P., Tse, P. U., & Whitney, D. (2012). The motion-induced shift in the perceived location of a grating also shifts its aftereffect. *Journal of Vision*, 12(8), 1-14.
1. **Kosovicheva, A. A.**, Fortenbaugh, F. C., & Robertson, L. C. (2010). Where does attention go when it moves?: Spatial properties and locus of the attentional repulsion effect. *Journal of Vision*, 10(12), 1-13.

**CONFERENCE PRESENTATIONS** (underlined names denote students/postdocs mentored):

51. Simpson, D., Wolfe, J. M., & **Kosovicheva, A.** (Submitted). What can 9 million trials tell us about memorability and rejectability of items in an online game? Abstract submitted for the Object Perception, Attention, and Memory (OPAM) meeting.
50. Simpson, D., Wolfe, B., & **Kosovicheva, A.** (2023). Individual differences in gaze behavior: Comparing high-level and sensory contributions. *Poster presented at the Vision Sciences Society Annual Meeting.*
49. Gillies, G., Wolfe, B., & **Kosovicheva, A.** (2023). Close, but not a T: Feedback, not similarity search, reduces the low-prevalence effect. *Poster presented at the Vision Sciences Society Annual Meeting.*
48. Guidi, S., Haseeb, Z., **Kosovicheva, A.**, & Wolfe, B. (2023). Psychophysics of variable fonts: Speed and comprehension measures. *Poster presented at the Vision Sciences Society Annual Meeting.*
47. Haseeb, Z., Guidi, S., Wolfe, B., & **Kosovicheva, A.** (2023). Psychophysics of variable fonts: Gaze measures of reading efficiency. *Poster presented at the Vision Sciences Society Annual Meeting.*
46. Wolfe, B., Gonzales, C., & **Kosovicheva, A.** (2023). Where was the moose? The time course of dynamic road scene perception. *Poster presented at the Vision Sciences Society Annual Meeting.*
45. Song, J., Chua, A. M., Patil, M., **Kosovicheva, A.**, & Wolfe, B. (2023). When should you warn the driver about the moose?: The effect of auditory cue timing on hazard localization in naturalistic videos. *Poster presented at the Vision Sciences Society Annual Meeting.*
44. Song, J., **Kosovicheva, A.**, & Wolfe, B. (2022). You'll still miss the moose on the road: Rare hazards are frequently missed even when they are perceived as highly dangerous. *Talk presented at the Object Perception Attention and Memory (OPAM) meeting.*

43. Wiecek, E., Nabasaliza, A., Ahmed, Z., Chan, K., **Kosovicheva, A.**, Kazlas, M., Hunter, D. G., & Bex, P. J. (2022). Differences in peripheral binocular imbalance in strabismic young adults with or without amblyopia. *Talk presented at the American Academy of Optometry (AAO) Meeting.*
42. Haseeb, Z., Wolfe, B., & **Kosovicheva, A.** (2022). Spatial Heterogeneity in Localization Biases Predicts Crowding Performance. *Poster presented at the Vision Sciences Society (VSS) Annual Meeting.*
41. **Kosovicheva, A.**, Wolfe, J. M., & Wolfe, B. (2022). The Moose Came Out of Nowhere: Low Prevalence Effects in Road Hazard Detection. *Talk presented at the Vision Sciences Society (VSS) Annual Meeting.*
40. Guidi, S., Ghuman, C., **Kosovicheva, A.**, & Wolfe, B. (2022). Effects of Blur on Duration Thresholds for Road Hazard Detection. *Poster presented at the Vision Sciences Society (VSS) Annual Meeting.*
39. Simpson, D., Fukuda, K., & **Kosovicheva, A.** (2022) Crowding biases categorical judgments for complex stimuli. *Poster presented at the Virtual Vision Sciences Society (V-VSS) Annual Meeting (Just-in-Time Poster Session for Undergraduate Students).*
38. **Kosovicheva, A.**, Kanda, S., Wolfe, J. M., & Wolfe, B. (2021) Taking prevalence effects on the road: Rare hazards are often missed. *Poster presented at the Psychonomic Society Annual Meeting.*
37. Kanda, S., **Kosovicheva, A.**, Wolfe, B. A., & Wolfe, J. M. (2021). Prevalence effects on the road: Rare hazards are often missed. *Poster presented at the Virtual Vision Sciences Society (V-VSS) Annual Meeting (Just-in-Time Poster Session for Undergraduate Students).*
36. Wolfe, B. A., **Kosovicheva, A.**, Stent, S., & Rosenholtz, R. (2021). Attentional cueing in the world: temporal and spatiotemporal cues for road hazards. *Poster presented at the Virtual Vision Sciences Society (V-VSS) Annual Meeting.*
35. **Kosovicheva, A.**, & Bex, P. J. (2021). Microsaccades before response initiation reflect angular errors in a peripheral localization task. *Poster presented at the Virtual Vision Sciences Society (V-VSS) Annual Meeting.*
34. Wiecek, E., Nabasaliza, A., **Kosovicheva, A.**, Kazlas, M., Hunter, D. G., & Bex, P. J. (2020). Differences in contrast sensitivity and binocular imbalance across the visual field in children with strabismus and anisometropic amblyopia. *Online poster presented at the American Academy of Optometry meeting.*
33. **Kosovicheva, A.**, Wiecek, E., Kazlas, M., Hunter, D. G., & Bex, P. J. (2020). Modulation of stereopsis and sensory eye dominance by gaze direction in strabismus. *Online video presentation for the Association for Research in Vision and Ophthalmology (ARVO) Meeting.*
32. Wiecek, E., **Kosovicheva, A.**, Kazlas, M., Bex, P. J., Hunter, D. G. (2020). Decreased peripheral stereoacuity and ocular dominance in anisometropic amblyopia, strabismic, and normally-sighted young adults. *Online video presentation for the ARVO Annual Meeting.*
31. **Kosovicheva, A.**, Sridhar, K., & Bex, P. J. (2020). Image predictors of visual localization in natural scenes. *Poster presented at the Virtual Vision Sciences Society (V-VSS) Annual Meeting.*

30. **Kosovicheva, A.**, & Wolfe, J. M. (2019). When do you find the next item?: Using occluders to uncover the time course of visual foraging. *Poster presented at the VSS Annual Meeting.*
29. Alberti, C. F., **Kosovicheva, A.**, & Bex, P. J. (2019). Measuring the field of contrast sensitivity via saccadic foraging. *Poster presented at the VSS Annual Meeting.*
28. **Kosovicheva, A.**, Hawladar, O., & Bex, P. J. (2018). Localization errors following saccadic adaptation to a dichoptic step. *Poster presented at the VSS Annual Meeting.*
27. Vera-Diaz, F. A., **Kosovicheva, A.**, Maiello, G. A., Ferreira, A., Walker, L., & Bex, P. J. (2017). Binocularity in myopia. *Poster presented at the International Myopia Conference.*
26. Hawladar, O.\*, Bex, P. J., & **Kosovicheva, A.** (2017). Sensory effects of dichoptic saccadic adaptation. *Paper presented at the Newfoundland Electrical and Computer Engineering Conference (NECEC).* (\*Best Paper Award in Women in Engineering)
25. Rosenholtz, R., Wolfe, B., Sawyer, B., **Kosovicheva, A.**, & Reimer, B. (2017). Perceptual and attentional factors in detection of driving-relevant visual events. *Talk presented at the VSS Annual Meeting.*
24. **Kosovicheva, A.**, Kazlas, M., Hunter, D. G., & Bex, P. (2017). What can we learn about strabismus from a 90 second gaze recording?: Rapid evaluation of oculomotor deficits in strabismus. *Poster presented at the ARVO Annual Meeting.*
23. Ferreira, A., **Kosovicheva, A.**, Bex, P. J., & Vera-Diaz, F. A. (2017). Temporal contrast sensitivity in myopia. *Poster presented at the ARVO Annual Meeting.*
22. Bex, P. J., **Kosovicheva, A.**, Ferreira, A., & Vera-Diaz, F. A. (2017). Effects of temporal frequency on binocularity and contrast sensitivity in amblyopia. *Poster presented at the VSS Annual Meeting.*
21. **Kosovicheva, A.**, Feffer, J., Alaoui Soce, A., Cain, M. S., & Wolfe, J. M. (2017). When does visual search move on?: Using the color wheel to measure the dynamics of foraging search. *Poster presented at the VSS Annual Meeting.*
20. Vera-Diaz, F. A., **Kosovicheva, A.**, Ferreira, A., & Bex, P. J. (2017). Effect of temporal vision on binocularity in ametropia. *Poster presented at the ARVO Annual Meeting.*
19. Wolfe, B., Fridman, L., **Kosovicheva, A.**, Reimer, B., & Rosenholtz, R. (2017). Seeing the road in the blink of an eye: Rapid perception of the driver's visual environment. *Poster presented at the VSS Annual Meeting.*
18. **Kosovicheva, A.**, & Bex, P. (2016). Reading rainbows: Measuring the dynamics of word processing. *Talk presented at the VSS Annual Meeting.*
17. Wolfe, B., Dobres, J., **Kosovicheva, A.**, Rosenholtz, R., & Reimer, B. (2016). Reduction in legibility with degradation in older and younger observers. *Poster presented at the VSS Annual Meeting.*
16. **Kosovicheva, A. A.**, Wolfe, B. A., Cavanagh, P., Gorea, A., & Whitney, D. (2015). Dynamic recalibration of perceived space across the visual hemifields. *Poster presented at the VSS Annual Meeting.*

15. Yamanashi Leib, A., **Kosovicheva, A. A.**, & Whitney, D. (2015). Perceiving the lifelikeness of crowds: summary statistical representations of abstract visual dimensions. *Poster presented at the VSS Annual Meeting.*
14. Wood, K., Wolfe, B. A., **Kosovicheva, A. A.**, & Whitney, D. (2015). Speeded breakthrough of faces in interocular suppression requires configural information. *Poster presented at the VSS Annual Meeting.*
13. **Kosovicheva, A. A.** & Whitney, D. (2014). Stable individual distortions in the perceived locations of static stimuli. *Poster presented at the VSS Annual Meeting.*
12. Yamanashi Leib, A., Bai, Y., **Kosovicheva, A. A.**, Chang, K., Puri, A., Robertson, L., & Whitney, D. (2014). Ensemble perception of multiple crowd characteristics. *Poster presented at the VSS Annual Meeting.*
11. Liberman, A., **Kosovicheva, A. A.**, & Whitney, D. (2014). Serial dependence of position perception. *Poster presented at the VSS Annual Meeting.*
10. Wood, K., Wolfe, B. A., **Kosovicheva, A. A.**, Yamanashi Leib, A., & Whitney, D. (2014). Foveal input is not required for ensemble coding of emotional faces. *Poster presented at the VSS Annual Meeting.*
9. **Kosovicheva, A. A.**, & Whitney, D. (2013). A meridional anisotropy of the flash-drag effect. *Poster presented at the VSS Annual Meeting.*
8. Wolfe, B. A., **Kosovicheva, A. A.**, Yamanashi Leib, A., & Whitney, D. (2013). Beyond fixation: Ensemble coding and eye movements. *Poster presented at the VSS Annual Meeting.*
7. **Kosovicheva, A. A.**, Wolfe, B., & Whitney, D. (2012). Effects of motion-induced mislocalizations on saccade landing position. *Talk presented at the VSS Annual Meeting.*
6. **Kosovicheva, A. A.**, Maus, G. W., Anstis, S., Cavanagh, P., Tse, P. U., & Whitney, D. (2011). The motion-induced shift in the perceived location of a grating also shifts its aftereffect. *Poster presented at VSS and at the Bay Area Vision Research Day.*
5. Silver, M.A., **Kosovicheva, A. A.**, & Landau, A. N. (2011). ERP correlates of orientation-specific surround suppression. *Poster presented at the VSS Annual Meeting.*
4. **Kosovicheva, A. A.**, Landau, A. N., & Silver, M. A. (2010). Interactions of sustained spatial attention and surround suppression: an EEG study. *Poster presented at the Society for Neuroscience Meeting.*
3. **Kosovicheva, A. A.**, Landau, A. N., & Silver, M. A. (2010). Cholinergic modulation of EEG activity during sustained visual stimulation. *Poster presented at the UC Berkeley Annual Neuroscience Retreat.*
2. **Kosovicheva, A. A.**, Fortenbaugh, F. C., & Robertson, L. C. (2010). Spatial properties of the attentional repulsion effect. *Poster presented at the VSS Annual Meeting.*
1. Landau, A. N., **Kosovicheva, A. A.**, & Silver, M. A. (2010). Interactions of sustained spatial attention and surround suppression: an SSVEP study. *Poster presented at the VSS Annual Meeting.*

## Other Academic Presentations:

Vision Sciences Society (VSS) Demo Night:

- 2014 Kosovicheva, A., Wolfe, B., Chaney, W., Yamanashi Leib, A., Liberman, A. "Strobwheel"
- 2012 Kosovicheva, A., Wolfe, B. "An Aftereffect Based on Texture Element Ratios."

## RESEARCH SEMINARS

- 2023 Centre for Vision Research, York University, Toronto, ON (Sep 22, 2023)
- 2022 Department of Psychology, University of New Hampshire, Durham, NH (Dec 13, 2022)
- 2021 Ebbinghaus Empire Talk Series, University of Toronto, Canada (Dec 8, 2021) – *delivered remotely*
- 2020 Perception Summer Seminar Series, UC Berkeley, CA (June 29, 2020) – *delivered remotely*
- 2020 School of Optometry, Indiana University, Bloomington, IN (March 30, 2020) – *delivered remotely*
- 2020 Department of Psychology, University of Nevada, Reno, NV (Feb 27, 2020)
- 2020 Department of Psychology, Northeastern University, Boston, MA (Jan 30, 2020)
- 2020 Department of Psychology, University of Central Florida, Orlando, FL (Jan 23, 2020)
- 2019 Department of Psychology, North Carolina State University, Raleigh, NC (Nov 7, 2019)
- 2019 Research Lecture Series, New England College of Optometry, Boston, MA (Nov 5, 2019)
- 2019 Visual Attention Lab Seminar, Brigham and Women's Hospital, Boston, MA (Oct 15, 2019)
- 2018 Department of Psychology, Rochester Institute of Technology, Rochester, NY (Dec 5, 2018)
- 2016 Research Lecture Series, New England College of Optometry, Boston, MA (Nov 29, 2016)
- 2016 Perception and Action Seminar, Brown University, Providence, RI (April 14, 2016)

## GUEST LECTURES IN COURSES

- 2020 Computational Vision, Boston University, Boston, MA (Oct 7 & Oct 13, 2020) – *delivered remotely*
- 2019 Undergraduate seminar in Perception, Northeastern University, Boston, MA (Nov 14, 2019)
- 2019 Undergraduate seminar in Perception, Northeastern University, Boston, MA (Feb 11, 2019)
- 2019 Psychology at Northeastern, Northeastern University, Boston, MA (Jan 31, 2019)
- 2018 Psychology at Northeastern, Northeastern University, Boston, MA (Oct 1, 2018)
- 2016 Undergraduate seminar in Perception, Northeastern University, Boston, MA (Nov 3, 2016)
- 2016 Graduate seminar in Perception, Northeastern University, Boston, MA (March 1 & 15, 2016)

## OTHER APPOINTMENTS & AFFILIATIONS

- 2023 - Member, Data Sciences Institute, University of Toronto
- 2022 - Associate Member, The Readability Consortium
- 2021 - Associate Member, School of Graduate Studies, University of Toronto
- 2015 - 2020 Associated Research Personnel  
Department of Ophthalmology, Boston Children's Hospital



## OTHER RESEARCH EXPERIENCE

- 2009 - 2010    Staff Research Associate  
Silver Lab, Helen Wills Neuroscience Institute & School of Optometry, UC Berkeley  
PI: Dr. Michael Silver
- 2008 - 2009    Research Assistant  
Cognitive Neuropsychology Lab, Psychology Department, UC Berkeley  
PI: Dr. Lynn Robertson

## TEACHING EXPERIENCE

**Instructor** (\*fully online, †mixed online/in-person):

### University of Toronto Mississauga:

- 2023            Perception Laboratory  
Semester: Winter 2023  
Composite evaluation score (5 = highest; 1 = lowest): Winter 2023: 5.0
- 2022 -            Sensation & Perception: Where the World Meets the Brain  
Semesters: †Winter 2022, Winter 2023  
Composite evaluation scores (5 = highest; 1 = lowest): †Winter 2022: 4.6, Winter 2023: 4.6
- 2022            Special Topics in Cognition: Visual Cognition  
Semesters: †Winter 2022, Fall 2022  
Composite evaluation scores (5 = highest; 1 = lowest): †Winter 2022: 4.9, Fall 2022: 4.9
- 2021            Human Neuropsychology  
Semesters: \*Summer 2021, \*Fall 2021  
Composite evaluation scores (5 = highest; 1 = lowest): \*Summer 2021: 4.5, \*Fall 2021: 4.5

### Northeastern University:

- 2017            Sensation & Perception  
Fall 2017 Semester  
Instructor effectiveness rating (5 = highest; 1 = lowest): 4.45

### Other teaching experience:

- 2010, 2015    Graduate student instructor (GSI) for Perception, Psychology Department, UC Berkeley  
Taught classroom discussion sections (Spring 2010 & Spring 2015 Semesters)  
Instructor effectiveness rating (7 = highest; 1 = lowest): 6.33

## MENTORSHIP & RESEARCH SUPERVISION

### Postdoctoral Fellows

- 2023 -            Khushi Patel – University of Toronto Mississauga  
2022 -            Jiali Song – University of Toronto Mississauga

## Ph.D. Students

2023 - Zainab Haseeb, University of Toronto  
2021 - Greer Gillies, University of Toronto (External project supervisor)

## Undergraduates & Recent Graduates (\* denotes honors thesis supervision)

University of Toronto Mississauga:

Avery Chua, Chandandeep Ghuman, Cristeidy Gonzales, Silvia Guidi, Zainab Haseeb\*,  
Yasmeen Hmaidan, Anureet Jeji, Simran Kanda, Talar Kevorkian, Zoey Khaled, Muhammad  
Khan, Meghna Patil, Sanaullah Pirzada, Mia Romano, Dyllan Simpson, Dorsa Tafazzoli

Northeastern University:

Leah Brodie, Kelly Choi, Katja Kelleher

Harvard University:

Jungyeon Park

UC Berkeley:

Andrew Chang, Valentina Volk\*, Katherine Wood\*

## High school students:

Support, Engage, Experience (SEE) University of Toronto Mississauga Co-op program:  
Onyinyechi Oluikpe

Research Science Institute (RSI) summer enrichment program:  
Joseph Feffer, Oishi Hawlader, Erin Smith, Koushik Sridhar

## REVIEWING EXPERIENCE

### Manuscript Review (Journals):

*Applied Cognitive Psychology*  
*Attention, Perception, & Psychophysics*  
*Cognition and Emotion*  
*Cognitive Science*  
*Communications Biology*  
*eLife*  
*Emotion*  
*Eye and Vision*  
*Frontiers in Medicine*  
*iScience*

*Journal of Experimental Psychology: General*  
*Journal of Vision*  
*Ophthalmic & Physiological Optics*  
*Optometry and Vision Science*  
*Perception / i-Perception*  
*PLOS One*  
*PNAS*  
*Quarterly Journal of Experimental Psychology*  
*Vision*  
*Vision Research*

### Abstract & Paper Review (Conferences):

European Conference on Visual Perception (ECVP)  
IEEE Information Visualization Conference (InfoVis)

### Textbook Review (Publisher):

W. W. Norton & Company

## **Editorial Work**

Guest Editor, Special Issue of *Visual Cognition*, “Teaching Sensation & Perception”

## **SCIENCE COMMUNICATION & OUTREACH ACTIVITIES**

- 2021 - Digital Associate Editor, Psychonomic Society  
Member of the digital content team for the Psychonomic Society, which creates and produces public-facing digital content for the Society (blog posts and podcasts).
- 2010 - 2015 Whitney Lab Outreach Program  
Outreach visits to underserved K-12 schools in the San Francisco Bay Area twice a year, with presentations on topics in visual perception (color, motion, faces, depth). Developed visual illusion demonstrations for students.

## **OTHER SERVICE**

- 2023 - Vision Sciences Society Demo Night Committee  
2022 - Baycrest/U of T Postdoc Mentorship Program  
2022 - UTM Psychology Department Undergraduate Curriculum Committee  
2021 Organizer, UTM Psychology “Careers in Cognitive Psychology” Panel Series, Fall 2021

## **MEMBERSHIPS HELD**

Association for Psychological Science (APS)  
Association for Research in Vision and Ophthalmology (ARVO)  
Psychonomic Society  
Society for Neuroscience (SfN)  
Vision Sciences Society (VSS)