

Blaire J. Weidler

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Employment

Towson University, Towson, MD. August, 2018 – Present.

Assistant Professor

University of Toronto, Toronto, Ontario. July, 2017-July, 2018

Postdoctoral Fellow

Education

Washington University, St. Louis, MO. August, 2011 – May, 2017

M. A. in Psychology, December, 2013

Ph.D. in Psychology, May, 2017

Davidson College, Davidson, NC. August, 2006 – May, 2010

Bachelor of Science in Psychology,

Tel Aviv University, Tel Aviv, Israel. June, 2008 – July, 2008

IES Vienna, Vienna, Austria. August, 2008 – December, 2008

Honors and Awards

Ludwig Maximilian University Postdoctoral Research Fellowship, May, 2016 (award declined)

American Psychological Association Dissertation Research Award, November, 2015

Midwestern Psychology Association Graduate Student Paper Award, May, 2015

Washington University Dean's Award for Teaching Excellence, March, 2015

Women in Cognitive Science Travel and Networking Award, October, 2014

American Psychological Association of Graduate Students / Psi Chi Junior

Scientist Fellowship, September, 2012

Internship at Max Planck Institute for Human Cognitive and Brain Sciences,

Leipzig, Germany, August, 2010-September, 2010

Institutional Honors: Cum Laude at Davidson College, May, 2010

Departmental Honors in Psychology at Davidson College, May, 2010

Dr. William Gatewood Workman Award for excellence in scholarship and research;

highest student award within Davidson College Psychology department, May, 2010

George Lawrence Abernethy Endowment Research Grant from Davidson College for

summer research, June, 2009

Grants

School of Emerging Technologies, \$29,800, April 2020

co-PIs with Dr. Laura Hicken & Dr. Jared McGinley

The Influence of Auditory and Visual Attention on Higher-Order Cognition

Faculty Development & Research Committee, \$5,000, March 2020

co-PI with Dr. Alexa Doerr

Hiring Decisions: Using Eye Tracking to Determine Triggers of Implicit Bias.

Professional Service and Affiliations

Ad hoc reviewer for: *Attention, Perception, & Psychophysics; Cognitive Psychology; Consciousness & Cognition, Experimental Brain Research; Journal of Experimental*

Membership in: American Psychological Association Division 3, American Psychological Society; Psychonomic Society; Vision Sciences Society

Reviewer, 2018 Midwestern Psychological Association Psi Chi Poster Session, Fall 2017

* Underline denotes a student coauthor*

Journal articles and chapters

- Wahlheim, C. N., Garlitch, S. M., Mohamed, R. M., & **Weidler, B. J.** (2023). Self-reported encoding quality promotes lure rejections and false alarms. *Learning & Memory, 30(4)*, 96-100.
- Colvett, J. S., **Weidler, B. J.**, & Bugg, J. M. (2023). The location-specific proportion congruence effect: Are left/right locations special?. *Attention, Perception, & Psychophysics, 1-12*.
- Spangler, D. P., Yang, X., **Weidler, B. J.**, Thayer, J. F., & McGinley, J. J. (2022). Unraveling the cognitive correlates of heart rate variability with the drift diffusion model. *International Journal of Psychophysiology, 181*, 73-84.
- Weidler, B. J.**, Pratt, J., & Bugg, J. M. (2022). How is location defined? Implications for learning and transfer of location-specific control. *Journal of Experimental Psychology: Human Perception and Performance*.
- Taylor, J. E. T., Hilchey, M. D., **Weidler, B. J.**, & Pratt, J. (2022). Eliminating the Low-Prevalence Effect in Visual Search with a Remarkably Simple Strategy. *Psychological Science, 33(5)*, 716-724.
- Wang, Z., **Weidler, B. J.**, Sun, P., & Abrams, R. A. (2021). Simple action alters attention towards visual features. *Attention, Perception, & Psychophysics, 83(4)*, 1699-1712.
- Weidler, B. J.**, Cohen-Shikora, E. R., & Bugg, J. M. (2020). Conflict-induced perceptual filtering: A mechanism supporting location-specific control? *Quarterly Journal of Experimental Psychology*
- Huffman, G. H., Hilchey, M. D., **Weidler, B. J.**, Mills, M., & Pratt, J. (2020). Does feature-based attention play a role in the episodic retrieval of event files? *Journal of Experimental Psychology: Human Perception & Performance*.
- Pickel, L., Pratt, J., & **Weidler, B. J.**, (2019). The Transfer of Location-Based Control requires Location-Based Conflict. *Attention, Perception & Psychophysics*
- Hilchey, M. D., **Weidler, B. J.**, Rasjic, J., & Pratt, J. (2019). Does changing distractor environments eliminate spatiomotor biases? *Visual Cognition*
- Weidler, B. J.**, & Abrams, R. A. (2018). Simple actions activate semantic associations. *Psychonomic Bulletin & Review, 1-7*.
- Weidler, B. J.**, Suh, J., & Abrams, R. A. (2018). Action history influences eye movements. *Visual Cognition, 1-14*.
- Weidler, B. J.**, Dey, A., & Bugg, J. M. (2018). Attentional control transfers beyond the reference frame. *Psychological research, 1-14*.
- Weidler, B. J.**, & Abrams, R. A. (2017). Simple actions influence pop-out search. *Visual Cognition, 392-405*.
- Wang, F., Sun, J., Sun, P., **Weidler, B. J.**, & Abrams, R. A. (2017). Influence of simple action on subsequent manual and ocular responses. *Attention, Perception and Psychophysics, 79*, 389-395.
- Weidler, B. J.**, & Bugg, J. M. (2016). Transfer of location-specific control to untrained locations. *Quarterly Journal of Experimental Psychology, 69*, 2202-2217
- Abrams, R. A. & **Weidler, B. J.** (2015). Embodied Attention. In J. Fawcett, E. Risko, & A. Kingstone (Eds.), *Handbook of Attention*. Cambridge: MIT.

- Abrams, R. A. & **Weidler, B. J.** (2015). Can I reach that? It depends on you: Perception accounts for the abilities of others. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 904-908.
- Abrams, R. A., **Weidler, B. J.**, & Suh, J. (2015). Embodied seeing: The space near the hands. In B. Ross (Ed.), *Psychology of Learning and Motivation*, Volume 63. Elsevier
- Multhaup, K. S. & **Weidler, B. J.** (2015). Returning to the Road Not (Originally) Taken *PsycCRITIQUES*, 60, Article 5.
- Weidler, B. J.** & Abrams, R. A. (2014). Decomposing the action effect: How simple actions affect subsequent perception. *Attention, Perception & Psychophysics*, 76, 1242-1252.
- Abrams, R. A. & **Weidler, B. J.** (2013). Trade-offs in visual processing for stimuli near the hands. *Attention, Perception & Psychophysics*, 76, 383-390.
- Weidler, B. J.** & Abrams, R. A. (2013). Enhanced cognitive control near the hands. *Psychonomic Bulletin & Review*, 21, 462-469.
- Weidler, B. J.** & Abrams, R. A. (2013). Hand proximity—not arm posture—alters vision near the hands. *Attention, Perception & Psychophysics*, 75, 650-653.
- Weidler, B. J.**, Multhaup K. S., & Faust, M. E. (2012). Accountability reduces unconscious plagiarism. *Applied Cognitive Psychology*. 26, 626-634.

Presentation at International/National Conferences

- Klein, A., Bennett, S., Weidler, B.J., & McGinley, J.J. (May, 2023). *Heart rate variability is related to emotional responding but not traditional executive function metrics*. Poster presented at the 35th annual convention for the Association for Psychological Science, Washington, D.C.
- Baumann, H., McGinley, J.J., & Weidler, B.J., (May, 2023). *Color Consistency Speeds Graph Interpretation*. Poster presented at the 35th annual convention for the Association for Psychological Science, Washington, D.C.
- Eibner, M., Bennett, S., McGinley, J.J., Hicken, L., & Weidler, B.J. (November, 2022). *Cognitive Consequences of Auditory Task-Elicited Eye Movements*. Poster presented at the 63rd annual meeting for the Psychonomic Society, Boston, MA.
- Bennett, S., McGinley, J.J., Hicken, L., Hilchey, M.D., & Weidler, B.J. (November, 2022). *Spatial Auditory Task-Elicited Systematic Eye Movement: Voluntary or Reflexive?* Poster presented at the 63rd annual meeting for the Psychonomic Society, Boston, MA.
- Lund, B. & Weidler, B.J. (November, 2022). *Cognitive Effects of Olfactory Stimulation*. Poster presented at the 63rd annual meeting for the Psychonomic Society, Boston, MA.
- Walsh, S. N., Weidler, B. J., (2022, April). The Impact of Affect on Executive Control. Talk presented at the National Conference of Undergraduate Research, virtual.
- Donatien, J., Montgrain, L.E., Hilchey, M. & Weidler, B. J., (2022, April). The Impact of the Decoy Effect and Visual Cues on Decision Making. Poster presented at the National Conference of Undergraduate Research, virtual.
- Montgrain, L., Donatien, J., Pratt, J., Weidler B. J., & Hilchey, M. D. & (2021, November). Effects of Visual Cues and Decoys on Product Choice. Poster presented at the meeting of the Psychonomic Society, Virtual Psychonomics
- Colvett, J., Weidler B. J., & Bugg, J. M. & (2021, November). Revealing Object-Based Attentional Control in a Moving Object Paradigm. Poster presented at the meeting of the Psychonomic Society, Virtual Psychonomics
- Bennett, S., Lund, B., Weidler B. J., & Cohen-Shikora, E. (2021, November). Effect of Incidental Color on Judgments and Memory. Poster presented at the meeting of the Psychonomic Society, Virtual Psychonomics
- McCoy, H., & Weidler B. J., (2021, November). E The Effect of Accountability on False Memory. Poster presented at the meeting of the Psychonomic Society, Virtual Psychonomics

- Weidler, B. J.**, Taylor, E, Hilchey, M. & Pratt, J. (2020, November). Eliminating the Low Prevalence Effect in Visual Search with a Remarkably Simple Strategy. Talk presented at the meeting of the Psychonomic Society, Virtual Psychonomics
- Weidler, B. J.**, Cohen-Shikora, E. R., Hicks, B., & McKinnon, A. (2019, November). Conflict-Based Modulations in Attentional Control Influence Semantic Processing.. Poster presented at the meeting of the Psychonomic Society, Montreal, CA
- Weidler, B. J.**, Elsayed, S., McGinley J. J. (2019, May). Emotion Has Little Influence on Conflict-Triggered Adjustments in Attentional Control. Poster presented at the meeting of the American Psychological Society, Washington, D.C.
- McGinley J. J., Elsayed, S., Mullin, C., & **Weidler, B. J.** (2019, May). The New Normal? No Relationship between Resting Heart Rate Variability and Attentional Regulation. Poster presented at the meeting of the American Psychological Society, Washington, D.C.
- Hilchey M. D., **Weidler, B. J.**, & Pratt, J.P. (2019, May). Statistical learning can modulate contingent attentional capture. Poster presented at the meeting of the Vision Sciences Society, St. Petersburg, FL.
- Weidler, B. J.**, Hilchey M. D., Abrams, R. A., & Pratt, J. P. (2018, November). Context modulates integration effects –selectively when it is task relevant. Poster presented at the meeting of the Psychonomic Society, New Orleans, LA
- Hilchey M. D., **Weidler, B. J.**, Abrams, R. A., & Pratt, J. P. (2018, November). Context does not modulate location-response integration effects. Poster presented at the meeting of the Psychonomic Society, New Orleans, LA
- Huffman, G. H., Hilchey, M. D., **Weidler, B. J.**, Mills, M., & Pratt, J. (2018, November). The partial repetition cost paradigm, reversed: No feature integration effects without target discrimination. Poster presented at the meeting of the Psychonomic Society, New Orleans, LA
- Weidler, B. J.**, & Abrams, R. A. (2018, May). Is deciding to act or executing the action critical for the action effect? Poster presented at the meeting of the Vision Sciences Society, St. Petersburg, FL.
- Weidler, B. J.**, & Richard, R. A., (2017, November). The role of action in priming of pop out in visual search. Poster presented at the OPAM meeting, Vancouver, B. C.
- Wang, Z., Sun, P., **Weidler, B. J.**, & Richard, R. A. (2017, November). Investigating the action effect from the perspective of feature-based attention. Poster presented at the meeting of the Psychonomic Society, Vancouver, B. C.
- Weidler, B. J.**, & Bugg, J. M. (2016, November). Is conflict induced filtering responsible for location-specific cognitive control? Poster presented at the meeting of the Psychonomic Society, Boston, MA.
- Weidler, B. J.**, & Abrams, R. A. (2016, May). Action potentiates conceptual links between words and pictures. Poster presented at the meeting of the Vision Sciences Society, St. Petersburg, FL.
- Weidler, B. J.**, & Abrams, R. A. (2015, November). Event files can contain conceptual information. Poster presented at the meeting of the Psychonomic Society, Chicago, IL.
- Weidler, B. J.**, & Bugg, J. M. (2015, May). Cognitive control in untrained spaces. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
- Weidler, B. J.**, & Abrams, R. A. (2014, November). Seeing not doing: Perceptual changes when others use Tools. Poster presented at the meeting of the Psychonomic Society, Long Beach, CA.
- Weidler, B. J.**, & Abrams, R. A. (2014, March). The Effects of Simple Action on Perception. Invited Talk at the University of Illinois, Champaign, IL.
- Weidler, B. J.**, & Abrams, R. A. (2013, November). Effects of Action on Visual Search. Poster presented at the meeting of the Psychonomic Society, Toronto, Ontario.
- Weidler, B. J.**, & Abrams, R. A. (2013, May). Interactive effects of hand-proximity and emotion on vision. Poster presented at the meeting of the Vision Sciences Society, Naples, FL

Weidler, B. J., & Abrams, R. A. (2012, November). Enhanced and impaired processing of visual stimuli near the hands. Paper presented at the meeting of the Psychonomic Society, Minneapolis, MN.

Weidler, B. J., & Abrams, R. A. (2012, May). Enhanced cognitive control near the hands. Paper presented at the Show Me Mental State Conference, Columbia, MO.

Weidler, B. J., Multhaup K. S., & Faust, M. E. (2010, November). Effect of accountability on unconscious plagiarism. Paper presented at the annual meeting of the Psychonomic Society, St. Louis, MO.

Munger, M. P., Stergar, Z. D., **Weidler, B. J.**, Kaliris, D. & Sayler, D. (2010, March). Rockets in motion: Effects of visual and auditory congruency. Poster presented at the annual meeting of the Eastern Psychological Association, Brooklyn, NY.

Presentations by my Students at Towson University Conferences

- Research and Creative Inquiry Forum, Spring 2023: 5 posters
- CURE Forum, Spring 2022: 1 poster
- Research and Creative Inquiry Forum, Spring 2022: 7 posters
- Towson University Honors College Celebration of Scholarship and Learning, Spring 2022: 1 poster
- Research and Creative Inquiry Forum, Spring 2020: 7 posters

Journal articles submitted/ in preparation

Lund, B., McGinley, J. J., & **Weidler, B. J.** (in prep). Role of Olfactory Stimulation on Attention and Memory

Bennett, S. W., McGinley, J. J. Hicken, L. & **Weidler, B. J.** (in prep). Effect of Auditory Focus on Eye Movements

Colvett, J., **Weidler, B. J.**, Bugg, J. M. & (submitted). Object based attentional *control?*

Teaching Experience/Training

Instructor at Towson:

- Advanced Cognitive Psychology (Fall 2020, Spring 2022, Spring 2023)
- Behavioral Statistics (Fall 2018, Spring 2019, Summer 2019, Spring 2020, Fall 2021, Fall 2022)
- Cognitive Psychology (Fall 2018, Spring 2019, Fall 2019, Fall 2020, Spring 2021, Spring 2023)
- Research Design and Statistical Analysis in Psychology I (Fall 2019, Fall 2020, Fall 2021)
- Research Design and Statistical Analysis in Psychology II (Spring 2020, Spring 2021, Spring 2022)
- Travel and Study Abroad in Psychology (Mini 2020, Summer 2022)

Instructor at other institution:

- Experimental Psychology (Summer 2016)
- Introduction to Psychology Seminar (Fall 2015)
- Research Methods (Spring 2017)
- Cognitive Psychology (Summer 2014)

Teaching Assistant:

- Introductory Psychology Statistics (Spring 2016)

- Experimental Psychology (Spring 2013, Spring 2014, Spring 2015, Fall 2016)
- Human Learning and Memory (Fall 2014)
- Sensation & Perception (Fall 2013)
- Introduction to Psychology (Fall 2012)

Teaching Training:

- Washington University Teaching Citation
- Washington University Center for the Integration of Research, Teaching and Learning: Practitioner
- Completed *Teaching as Research* Course; designed *Scholarship of Teaching and Learning* project

Service

At Towson:

- **Teaching Assistant Selection Committee**, Spring 2022
- **Experimental Psychology Master's Program Admissions Committee**, Fall 2021
- **College of Liberal Arts Technology Committee Chair**, member since Fall 2019, Chair since Fall 2020
- **Newbie Group Coordinator**, Spring 2021 – Spring 2023
- **Psychology Department Research Pool Coordinator**, Fall 2020, Spring 2021, Fall 2021, Spring 2023
- **Search Committee Member**, Psychology department double Design and Analysis Search, Fall 2019
- **Academic Committee for Technology Member**, Fall 2019
- **Master's Thesis Committees:**
 - Chair:
 - Bryce Lund (Spring 2023)
 - Samuel Bennett (Spring 2023)
 - Member:
 - Maggie Biller (Spring 2023)
 - Matt Woodson (Fall 2022)
 - Sydney Gemmell (Spring 2022)
 - Kelly Deegan (Spring 2022)
 - Chris Mullin (Spring 2020)
 - Carolyn Koch (Spring 2019)
- **Panelist for get Psi Chi's Get Psyched** (any semester requested)

Prior to Towson:

- **Advisory Group Member**, Washington University Teaching Center. Fall 2015-Spring 2017
- **YMCA Leadership Symposium Graduate Student Mentor**, Spring 2015-Spring 2016
- **Co-chair of Peer Mentoring Committee**, Washington University Psychology Graduate Student Association. May, 2012 – May, 2013
 - **Student Representative**, Davidson College Human Subjects Institutional Review Board. August, 2009 – May, 2010