

ELYSSA TWEDT

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EDUCATION

2013 Ph.D., Cognitive Psychology, University of Virginia
2010 M.A., Cognitive Psychology, University of Virginia
2007 B.S., Psychology, Vanderbilt University

PROFESSIONAL APPOINTMENTS

2022 – Present Associate Professor of Psychology, St. Lawrence University
2015 – 2022 Assistant Professor of Psychology, St. Lawrence University
2013 – 2015 MacEldin Dunn Trawick Postdoctoral Fellow, University of Richmond
2012 – 2013 Assessment Project Associate, Teaching Resource Center, University of Virginia

HONORS AND AWARDS

2022 Rejuvenation Grant to attend NITOP (St. Lawrence)
2021 Faculty Research Fellowship Award (St. Lawrence)
2020 – 2021 University of Virginia Center for Design and Health Fellow
2019 Scholarly Development Award (St. Lawrence)
2018 William B. Bradbury, Jr. Faculty Support Award (St. Lawrence)
2013 Social Psychology Network Action Teaching Award (National)
2013 Rebecca Boone Memorial Award for Excellence in Teaching (UVa)
2011 Distinguished Teaching Fellowship (UVa)

SCHOLARSHIP

PEER-REVIEWED PUBLICATIONS

1. Bakdash, J. Z., Marusich, L. R., Kenworthy, J. B., **Twedt, E.**, & Zaroukian, E. G. (2020). Statistical significance filtering overestimates effects and impedes falsification: A Critique of Endsley (2019). *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2020.609647>
2. **Twedt, E.**, Rainey, R. M., & Proffitt, D. R. (2019). Beyond nature: The roles of visual appeal and individual differences in perceived restorative potential. *Journal of Environmental Psychology*, 65. <https://doi.org/10.1016/j.jenvp.2019.101322>

3. **Twedt, E.**, Rainey, R. M., & Proffitt, D. R. (2016). Designed natural spaces: Informal gardens are perceived to be more restorative than formal gardens. *Frontiers in Psychology*. <https://doi: 10.3389/fpsyg.2016.00088>
4. **Twedt, E.**, Crawford, L. E. & Proffitt, D. R. (2015). Judgments of others' heights are biased toward the height of the perceiver. *Psychonomic Bulletin & Review*, 22, 566-571. <https://doi.org/10.3758/s13423-014-0689-z>
5. **Twedt, E.**, Proffitt, D. R., & Hearn, D. (2014). Art and aging: Digital projects for individuals with dementia. *Journal of Social and Political Psychology*, 2, 61-70. <https://doi.org/10.5964/jspp.v2i1.265>
6. **Twedt, E.**, and Proffitt, D. R. (2013). "Perception." In Oxford Bibliographies in Psychology. Ed. Dana S Dunn. New York: Oxford University Press.
7. **Twedt, E.**, Crawford, L. E. & Proffitt, D. R. (2012). Memory for target height is scaled to observer height. *Memory and Cognition*, 40, 339-351. <https://doi.org/10.3758/s13421-011-0166-0>.
8. Wong, Y. K., **Twedt, E.**, Sheinberg, D., & Gauthier, I. (2010). Does Thompson's Thatcher Effect reflect a face-specific mechanism? *Perception*, 39, 1125-1141. <https://doi.org/10.1068/p6659>

TECHNICAL REPORTS

1. Proffitt, D. R., Banton, T. B., **Twedt, E.**, Weast, R., Gross, E. B., Zadra, J. R., & McGhee, C. (2012). *Safety and visibility issues associated with motor vehicle window transmittance and aftermarket window tinting*. (Grant # VTRC RC00042). Virginia Transportation Research Council.
2. **Twedt, E.**, Banton, T. B., Zadra, J. R., Gross, E. B., & Proffitt, D. R. (2011). *Digital restorative environments: The effects of content, immersion, and multisensory input on cognitive fatigue*. Archinoetics.
3. Proffitt, D. R., **Twedt, E.**, Gross, E. B., & Banton, T. B. (2011). *Augmenting spatial knowledge of troops in Stryker vehicles*. (Grant # W911QY-09-P-0850). U.S. Army Natick Soldier Research, Development, and Engineering Center.

BOOK CHAPTERS SUBMITTED

Twedt, E., Proffitt, D. R., & Hearn, D. Art and aging: Digital projects for individuals with dementia. In S. Plous (Ed.), *Action teaching: Creating a better world through transformative education: A practical guide with award-winning examples*. American Psychological Association.

*Submitted August 9, 2021. Lightly edited re-publication of 2013 Social Psychology Network Action Teaching Award and condensed version of Twedt, Proffitt, & Hearn, (2014).

MANUSCRIPTS IN PROGRESS

1. Hoffman, K. M., **Twedt, E.**, Lundberg, K. B., & Trawalter, S. Perceptions of built and natural spaces are gendered, and have consequences.

*Manuscript rejected in 2021 and now in prep for submission to new journal.

2. **Twedt, E.**, & Hawkins, C. B. A survey of student beliefs about open-access textbooks.

3. Bakdash, J. Z., **Twedt, E.**, Nesselroade, J., & Proffitt, D. R. Converging operations: Multiverse analysis of construct validity for five measures of distance perception.

GRANTS SUBMITTED

Spencer Foundation. Investigating a digital tool for group projects and its effects on student collaboration and satisfaction (2018). PIs/Co-PIs: **Twedt, E.**, & Sierk, J. Total grant amount requested: \$48,261. Not funded.

INVITED TALKS

1. *Arriving and thriving at a small liberal arts college* (2019). Presented at University of Utah Department of Psychology Brown Bag Series, Salt Lake City, UT.

2. *Greenness aesthetics* (2019). Presented at the Green Heart Louisville Scientific Retreat, Louisville, KY.

3. *Sense of space* (2018). Presented at Clarkson University Science Café Series, Potsdam, NY and Canton, NY.

4. *Individual differences in spatial cognition* (2017). Presented at Clarkson University, David A. Walsh '67 Arts and Sciences Seminar Series, Potsdam, NY.

CHAired SYMPOSIA

2014 American Psychological Association, Washington, D.C. *The influence of physical environments on health and cognition*. (Co-chair: Jeanine Stefanucci. Other participants: Margaret Tarampi and Eve Miller).

CONFERENCE PRESENTATIONS (*undergraduate collaborator)

1. Onyper, S., Oakes, M., & Twedt, E. (2023). *Writing in Psychology Courses* [Discussion leader]. National Institute on the Teaching of Psychology, St. Pete, FL, US.
2. Twedt, E., Roe, J., Neale, C., Meuwese, D., & Dijkstra, K. (2021). *Stress recovery from nature exposure: The moderating role of personality* [Oral Presentation]. Presented at the Nature and Health Virtual Conference.
3. Twedt, E. (2020). *Live correlation demonstration* [Oral Presentation]. Psychology One Conference, Durham, NC, US. (Conference canceled)
4. Jukic*, M., Twedt, E., & Heitmann, I. (2020). *Landscape preferences in residential spaces as a function of design formality and viewing perspective* [Poster session]. Annual Meeting of the Eastern Psychological Association, Boston, MA. (Conference moved online; did not present)
5. Twedt, E. (2019). *Consumers vs. producers of research: Striking the best balance in Research Methods* [Discussion leader]. National Institute on the Teaching of Psychology, St. Pete, FL, US.
6. Breton*, E., & Twedt, E. (2018). *The effect of task segmentation on perceived duration* [Poster session]. Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.
7. Twedt, E., & Crawford, L. E. (2016). *Using digital tools expands perceived near space* [Poster session]. International Meeting of the Psychonomic Society, Granada, Spain.
8. Zhang, P.*, Twedt, E., Crawford, L. E., Kerr, S.*, & Dinc, C. (2016). *The effect of tactile directional stimulation on spatial and locational awareness* [Poster session]. Annual Meeting of the Eastern Psychological Association, New York City, NY.
9. Twedt, E., & Crawford, L. E. (2016). *Using stimulus valence to form inductive spatial categories* [Poster session]. The 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
10. Twedt, E., Weast, R., Gross, E. B., Banton, T., Zadra, J. R., & Proffitt, D. R. (2014). *Safety and visibility issues associated with after-market vehicle window tint* [Poster session]. The 26th Annual Meeting of the Association for Psychological Science, San Francisco, CA.
11. Twedt, E. & Proffitt, D. R. (2014). *Variability in perceived restoration: The role of visual and observer characteristics* [Poster session]. The 15th Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
12. Twedt, E., Bakdash, J. Z., & Proffitt, D. R. (2013). *Converging operations: All measures of*

distance perception do not measure the same underlying construct [Poster session].
The 54th Annual Meeting of the Psychonomics Society, Toronto, ON.

13. Twedt, E. (2013). *Restorative environments: The role of visual and observer characteristics* [Oral Presentation]. University of Virginia Robert J. Huskey Research Exhibition, Charlottesville, VA.
14. Twedt, E., Banton, T. B., & Proffitt, D. R. (2012). *Digital restorative environments: The effects of content, display quality, and multisensory input on cognitive fatigue* [Poster session]. The 24th Annual Meeting of the Association for Psychological Science, Chicago, IL.
15. Crawford, L. E., Twedt, E., & Proffitt, D. R. (2012). *Observer height affects accuracy and bias for perceived height of other people* [Poster session]. The 24th Annual Meeting of the Association for Psychological Science, Chicago, IL.
16. Twedt, E., Hearn, D., & Proffitt, D. R. (2012, 2011). *A hands-on, community-engaged learning model* [Poster session]. The 24th Annual Meeting of the Association for Psychological Science Teaching Institute, Chicago, IL, and The Eastern Conference on the Teaching of Psychology, Staunton, VA.
17. Twedt, E., Banton, T., Gross, E. B., Zadra, J. R., & Proffitt, D. R. (2011). *The role of decision-making in learning spatial layout: A real-world application* [Poster session]. The 11th Annual Meeting of the Vision Sciences Society, Naples, FL.
18. Zadra, J. R., Rosenbaum, D., Banton, T., Twedt, E., Gross, E. B., & Proffitt, D. R. (2011). *Decisions at a glance: The relative cost of multiple possible actions is represented in conscious perception of spatial layout* [Poster session]. The 11th Annual Meeting of the Vision Sciences Society, Naples, FL.
19. Twedt, E., Crawford, L. E. & Proffitt, D. R. (2010). *Memory for others' height is scaled to eye height* [Poster session]. The 10th Annual Meeting of the Vision Sciences Society, Naples, FL.
20. Twedt, E., Hawkins, C. B., & Proffitt, D. R. (2009). *Perspective-taking changes perceived spatial layout* [Poster session]. The 9th Annual Meeting of the Vision Sciences Society, Naples, FL.
21. Twedt, E. (2009). *Experiencing the world through the eyes of others* [Oral Presentation]. University of Virginia Robert J. Huskey Research Exhibition, Charlottesville, VA.
22. Twedt, E., Linkenauger, S. A., Banton, T., and Proffitt, D. R. (2008). *The effect of biking effort on perceived distance and slant* [Poster session]. The 8th Annual Meeting of the Vision Sciences Society, Naples, FL.
23. Twedt, E., Sheinberg, D., and Gauthier, I. (2007). *Comparing Thompson's Thatcher effect*

with faces and non-face objects [Poster session]. The 7th Annual Meeting of the Vision Sciences Society, Sarasota, FL.

TEACHING

COURSES TAUGHT

Assistant Professor, St. Lawrence University

Introduction to Psychology
Research Methods with Lab
Sensation and Perception
Laboratory for Sensation and Perception
Cognitive Science Seminar
Neuroscience of Fear, co-taught in Rome, Italy

Post-doctoral Fellow, University of Richmond

Embodied & Embedded Cognition Seminar
Introduction to Psychology, team-taught

Graduate Instructor, University of Virginia

Environmental Influences on Well-being Seminar
Art & Aging, Community-based Learning course

PROFESSIONAL DEVELOPMENT PROGRAMS

2021 STP Scholarship of Teaching and Learning Grant Workshop
2020 NY6 Faculty Development Institute, Union College
2019 Raising Cultural Awareness, St. Lawrence University
2016 Oral Communication Institute, St. Lawrence University
2010 – 2012 Psychology Graduate Teacher Training Program, University of Virginia

STUDENT RESEARCH MENTORING

Assistant Professor, St. Lawrence University

2021 Genny Posadas, Psychology
2020 Kayln Smith, Psychology
2020 Xin Tao, Computer Science
2020 Khue Tran, Psychology
2019 Marija Jukic, Psychology
2019 Glenice Gallagher, Psychology
2018 – 2019 Elina Breton, Psychology
2018 – 2019 Taylor McClung, Psychology
2018 August Vitzthum, Computer Science
2018 Lydia Kenney, Psychology
2018 Samuel Heikkinen, Psychology
2017 Nevaan Perera, Psychology

Post-doctoral Fellow, University of Richmond

2014 – 2015 Puran Zhang, Psychology
2014 – 2015 Sarah Kerr, Psychology
2014 – 2015 Avery Harrison, Psychology
2013 – 2014 Tori Giaimo, Psychology

Graduate Student, University of Virginia

2012 – 2013 Matthew Tse, Psychology
2011 – 2012 Lauren Faulkner, Psychology
2010 – 2011 Robert Grobmyer, Cognitive Science

SERVICE

DEPARTMENT SERVICE

2022 – 2023 Festival of Science Department Representative
2021 Diversity and Inclusion Committee
2018 – 2019, 2021 Assessment Committee
2017 – 2018 Search Committee, Tenure-track Assistant Professor of Psychology
2017 Search Committee, Introduction to Psychology Lab Instructor
2016 – Present Participant Pool Coordinator

UNIVERSITY SERVICE

2022 – Present Academic Affairs
2020 – 2021 Faculty Council, Member, Secretary (fall 2021)
2020 – Present Committed to Action for Racial Equity
2020 Faculty Development Committee
2018 – 2019 Humans and Technologies Learning Goal Working Group
2018 – 2019 Sophomore Journeys Steering Committee
2018 Search Committee, TT Assistant Professor of Data Science/Statistics
2017 – 2019 Educational Technologies Committee
2016 – 2019 Demonstrator, Brain Blast (community youth science event)
2016 Oral Communication Assessment

DISCIPLINE SERVICE

Reviewer, *Collaborative Replications and Education Project*
Reviewer, *Division 2 (Society for the Teaching of Psychology) proposals, APA convention*
Ad-hoc peer reviewer, *Frontiers in Psychology, PLOS One*

SOCIETY MEMBERSHIPS

Eastern Psychological Association
Society for the Teaching of Psychology (APA Div 2)