

Andrew Clement

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Education

2018	Ph.D., Psychology University of Notre Dame, Notre Dame, IN
2016	M.A., Psychology University of Notre Dame, Notre Dame, IN
2013	B.A., Psychology, <i>magna cum laude</i> Denison University, Granville, OH

Academic Positions

2023-Present	Assistant Professor Department of Psychology and Neuroscience, Millsaps College
2020-2023	Postdoctoral Research Associate Department of Psychological & Brain Sciences, Texas A&M University
2018-2020	Postdoctoral Fellow Department of Psychology, University of Toronto

Honors & Awards

2023	Postdoctoral Travel Award, Texas A&M University
2022	NEI Early Career Scientist Travel Grant, VSS
2021	Elsevier/Vision Research Travel Award, VSS
2018	Chair's Postdoctoral Fellowship, University of Toronto
2017	Professional Development Award, University of Notre Dame
2017	Conference Presentation Grant, University of Notre Dame

2017	OPAM Travel Award, OPAM
2016	Professional Development Award, University of Notre Dame
2016	Graduate Teaching Award, University of Notre Dame
2013	Presidential Fellowship, University of Notre Dame
2013	Irvin S. Wolf Award in Psychology, Denison University
2012	Grant-in-Aid of Research, Sigma Xi
2012	Anderson Summer Research Assistantship, Denison University
2009	Paschal Carter Scholarship, Denison University

External Funding

2023-2025	Mississippi INBRE Startup Grant. <i>Establishing a research program for neuroscience</i> . Role: Co-PI (PI: Timothy Ward). Total direct costs: \$100,000.
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Publications

Lee, D. S., **Clement, A.**, & Anderson, B. A. (2024). When detecting a salient target makes search more effortful. *Journal of Experimental Psychology: General*, 153(3), 590-607.

Clement, A., & Anderson, B. A. (2023). Statistical learning facilitates the strategic use of attentional control. *Cognition*, 239, 105536.

Clement, A., Grégoire, L., & Anderson, B.A. (2023). Generalisation of value-based attentional priority is category-specific. *Quarterly Journal of Experimental Psychology*, 76(10), 2401-2409.

Clement, A., Lim, Y. I., Stothart, C., & Pratt, J. (2022). Typicality modulates the visual awareness of objects. *Consciousness and Cognition*, 100, 103314.

Anderson, B. A., Kim, H., Kim, A. J., Liao, M.-R., Mrkonja, L., **Clement, A.**, & Grégoire, L. (2021). The past, present, and future of selection history. *Neuroscience and Biobehavioral Reviews*, 130, 326-350.

Lim, Y. I., **Clement, A.**, & Pratt, J. (2021). Typicality modulates attentional capture by object categories. *Attention, Perception, & Psychophysics*, 83(4), 1397-1406.

Clement, A., Moffat, A., & Pratt, J. (2020). Shifting attention does not influence numerical processing. *Attention, Perception, & Psychophysics*, 82(8), 3920-3930.

Clement, A., & Brockmole, J. R. (2020). Updating perception and action across real-world viewpoint changes. *Attention, Perception, & Psychophysics*, 82(5), 2603-2617.

Clement, A., O'Donnell, R. E., & Brockmole, J. R. (2019). The functional arrangement of objects biases gaze direction. *Psychonomic Bulletin & Review*, 26(4), 1266-1272.

Clement, A., Stothart, C., Drew, T., & Brockmole, J. R. (2019). Semantic associations do not modulate the visual awareness of objects. *Quarterly Journal of Experimental Psychology*, 72(5), 1224-1232.

O'Donnell, R. E., **Clement, A.,** & Brockmole, J. R. (2018). Semantic and functional relationships among objects increase the capacity of visual working memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 44(7), 1151-1158.

Stothart, C., **Clement, A.,** & Brockmole, J. R. (2018). Satisfaction in motion: Subsequent search misses are more likely in moving search displays. *Psychonomic Bulletin & Review*, 25(1), 409-415.

Clement, A., Radvansky, G. A., & Brockmole, J. R. (2017). Compression of environmental representations following interactions with objects. *Attention, Perception, & Psychophysics*, 79(8), 2460-2466.

Clement, A., & Matthews, N. (2016). The whole is faster than its parts: Evidence for temporally independent attention to distinct spatial locations. *Attention, Perception, & Psychophysics*, 78(2), 452-463.

Matthews, N., Welch, L., Festa, E., & **Clement, A.** (2013). Remapping time across space. *Journal of Vision*, 13(8), 1-15.

Manuscripts in Progress

Clement, A., Pratt, J., & Anderson, B. A. (2024). *Attentional avoidance of cognitive and physical effort*. Manuscript submitted for publication.

Clement, A., & Anderson, B. A. (2024). *Learned associations among objects bias attention.* Manuscript submitted for publication.

Lawrence, R. K., **Clement, A.**, Chasteen, A. L., & Pratt, J. (2024). *Shifting across languages: Conceptual cues do not shift attention in one's second language.* Manuscript submitted for publication.

Lee, D. S., **Clement, A.**, Grégoire, L., & Anderson, B. A. (2024). *Aversive conditioning, anxiety, and the strategic control of attention.* Manuscript in preparation.

Clement, A., Lim, Y. I., & Pratt, J. (2024). *Conceptual grouping in visual working memory: The effects of perceptual grouping, category structure, and encoding time.* Manuscript in preparation.

Clement, A., Lim, Y. I., & Pratt, J. (2024). *Conceptual grouping improves visual working memory for object details.* Manuscript in preparation.

Warren, R. N., **Clement, A.**, & Anderson, B. A. (2024). *It's all about me! Attentional prioritization of self-rewarding information.* Manuscript in preparation.

Invited Talks

Clement, A. (2020, October). *The effects of typicality on attention and awareness for object categories.* Paper presented at Griffith University, Queensland, Australia.

Conference Presentations

Clement, A., & Anderson, B. A. (2023, November). *Contextual learning facilitates search but leads to suboptimal search strategies.* Paper presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.

Lee, D. S., **Clement, A.**, Grégoire, L., & Anderson, B. A. (2023, November). *Relating aversive conditioning to the strategic control of attention.* Poster presented at the 64th Annual Meeting of the Psychonomic Society, San Francisco, CA.

Warren, R. N., **Clement, A.**, & Anderson, B. A. (2023, November). *It's all about me! Attentional prioritization of self-rewarding information*. Poster presented at the 31st Annual Workshop on Object Perception, Attention, and Memory, San Francisco, CA.

Lee, D. S., **Clement, A.**, & Anderson, B. A. (2023, November). *When detecting a salient target makes search more effortful*. Paper presented at the 31st Annual Workshop on Object Perception, Attention, and Memory, San Francisco, CA.

Clement, A., & Anderson, B. A. (2023, May). *Memory compression facilitates search for multiple targets*. Paper presented at the 22nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Lee, D. S., **Clement, A.**, & Anderson, B. A. (2023, May). *Is singleton detection really less effortful than feature search?* Poster presented at the 22nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Warren, R. N., **Clement, A.**, & Anderson, B. A. (2023, May). *It's all about me: Attentional prioritization of self-rewarding information*. Poster presented at the 22nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Moore, K., Grégoire, L., **Clement, A.**, & Anderson, B. A. (2023, May). *Generalization of threat-related attentional priority with visual objects*. Poster presented at the 22nd Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Clement, A., & Anderson, B. A. (2022, November). *Statistical learning facilitates search for multiple targets*. Poster presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.

Clement, A., Pratt, J., & Anderson, B. A. (2022, November). *Attentional avoidance of cognitive and physical effort*. Paper presented at the 30th Annual Workshop on Object Perception, Attention, and Memory, Boston, MA.

Warren, R. N., **Clement, A.**, & Anderson, B. A. (2022, October). *It's all about me: Attentional prioritization of self-rewarding information*. Paper presented at the 32nd Annual Meeting of the Association for Research in Memory, Attention, Decision-Making, Intelligence, Language, Learning, and Organization, Stephenville, TX.

Clement, A., Pratt, J., & Anderson, B. A. (2022, October). *Attentional avoidance of cognitive and physical effort*. Paper presented at the 32nd Annual Meeting of the Association for Research in Memory, Attention, Decision-Making, Intelligence, Language, Learning, and Organization, Stephenville, TX.

Clement, A., & Anderson, B. A. (2022, May). *Statistical learning facilitates the strategic use of attentional control*. Poster presented at the 21st Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

O'Donnell, R. E., Wyble, B. P., & **Clement, A.** (2021, November). *Examining the effects of semantic relatedness on the sequential encoding benefit in visual working memory*. Poster presented at the 2nd Virtual Meeting of the Psychonomic Society, New Orleans, LA.

Lawrence, R. K., **Clement, A.,** Chasteen, A. L., & Pratt, J. (2021, November). *Shifting across languages: Conceptual cues do not shift attention in one's second language*. Poster presented at the 2nd Virtual Meeting of the Psychonomic Society, New Orleans, LA.

Clement, A., Grégoire, L., & Anderson, B. A. (2021, November). *Semantic generalization of value-based attentional priority is category-specific*. Poster presented at the 2nd Virtual Meeting of the Psychonomic Society, New Orleans, LA.

Clement, A., Lim, Y. I., & Pratt, J. (2021, June). *Conceptual grouping increases both the capacity and precision of visual working memory*. Paper presented at the 2nd Virtual Working Memory Symposium, Austin, TX.

Clement, A., & Anderson, B. A. (2021, May). *Learned associations among objects bias attention*. Poster presented at the 2nd Virtual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

Clement, A., Lim, Y. I., & Pratt, J. (2020, November). *Conceptual grouping in visual working memory: The effects of perceptual grouping, category structure, and encoding time*. Poster presented at the 1st Virtual Meeting of the Psychonomic Society, Austin, TX.

Lim, Y. I., **Clement, A.,** & Pratt, J. (2020, June). *Typicality modulates attentional capture by object categories*. Poster presented at the 1st Virtual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

- Clement, A.,** Ng, A., Chasteen, A. L., & Pratt, J. (2020, June). *Conceptual cues facilitate encoding in visual working memory*. Poster presented at the 1st Virtual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.,** Lim, Y. I., & Pratt, J. (2020, June). *Conceptual grouping in visual working memory: The effects of perceptual grouping, category structure, and encoding time*. Paper presented at the 1st Virtual Working Memory Symposium, Austin, TX.
- Clement, A.,** Moffat, A., & Pratt, J. (2019, November). *Does shifting attention influence numerical processing?* Poster presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, QC.
- Clement, A.,** Moffat, A., & Pratt, J. (2019, November). *Does shifting attention influence numerical processing?* Poster presented at the 27th Annual Workshop on Object Perception, Attention, and Memory, Montreal, QC.
- Clement, A.,** & Brockmole, J. R. (2019, May). *Updating perception and action across real-world viewpoint changes*. Paper presented at the 18th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.,** & Brockmole, J. R. (2018, November). *Updating perception and action across real-world viewpoint changes*. Paper presented at the 26th Annual Workshop on Object Perception, Attention, and Memory, New Orleans, LA.
- Clement, A.,** O'Donnell, R. E., & Brockmole, J. R. (2018, May). *Semantic and functional relationships among objects bias gaze control*. Poster presented at the 17th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.,** Radvansky, G. A., & Brockmole, J. R. (2017, November). *Compression of environmental representations following interaction with objects*. Poster presented at the 58th Annual Meeting of the Psychonomic Society, Vancouver, BC.
- Clement, A.,** Stothart, S., Drew, T., & Brockmole, J. R. (2017, November). *Between-category semantic associations do not modulate the visual awareness of objects*. Poster presented at the 25th Annual Workshop on Object Perception, Attention, and Memory, Vancouver, BC.
- Stothart, C., **Clement, A.,** & Brockmole, J. R. (2017, May). *Satisfaction in motion: Moving search displays increase subsequent search misses*. Poster presented at the 16th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.

- Krasich, K., **Clement, A.**, Stothart, C., & Brockmole, J. R. (2017, May). *Does memory consolidation influence memory-driven attentional capture?* Poster presented at the 16th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.**, & Brockmole, J. R. (2016, November). *Changes in observer location eliminate tool-based compression of distance.* Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
- Clement, A.**, Brockmole, J. R., & Irwin, D. E. (2016, November). *Do the temporal and spatial processing of objects share a common code?* Poster presented at the 24th Annual Workshop on Object Perception, Attention, and Memory, Boston, MA.
- Matthews, N., & **Clement, A.** (2016, May). *Left visual field advantage for non-salient RSVP targets.* Poster presented at the 28th Annual Convention of the Association for Psychological Science, Chicago, IL.
- Clement, A.**, & Brockmole, J. R. (2016, May). *Action-based compression of spatial memory for individual and nested environments.* Poster presented at the 15th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.**, & Brockmole, J. R. (2015, November). *Eye movements during reading are affected by hand proximity to the text.* Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Clement, A.**, & Brockmole, J. R. (2015, November). *Eye movements during reading are affected by hand proximity to the text.* Poster presented at the 23rd Annual Workshop on Object Perception, Attention, and Memory, Chicago, IL.
- Clement, A.**, & Matthews, N. (2015, May). *Attentional volleying across visual quadrants.* Poster presented at the 15th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Clement, A.**, & Matthews, N. (2014, May). *Can attention's temporal resolution be doubled?* Poster presented at the 14th Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Matthews, N., Welch, L., Festa, E., & **Clement, A.** (2013, May). *Remapping time across space.* Poster presented at the 13th Annual Meeting of the Vision Sciences Society, Naples, FL.

Teaching Experience

Instructor

2024 Introduction to Neuroscience, Millsaps College
2023, 2024 Introduction to Psychology, Millsaps College
2023 Cognitive Psychology, Millsaps College

Co-Instructor

2018 Seminar in Cognition: Visual Cognition, University of Toronto

Lab Instructor

2016, 2017 Decision Analysis & Statistics, University of Notre Dame
2015 Experimental Psychology I: Statistics, University of Notre Dame

Guest Lecturer

2021 Sensation & Perception, Texas A&M University
2021 Oxford Global Vision Science Exchange, Oxford University

Teaching Assistant

2014 Cognitive Psychology, University of Notre Dame

Mentoring Experience

Undergraduate Theses

2023-Present Pradnya Jagdale
2019-2020 Alexandra Moffat
2019-2020 Adrian Ng
2018-2019 Alexandra Moffat
2017-2018 Ryan O'Donnell

Independent Studies

2022-2023 Jonathan Reagan
2021-2022 Rebecca Warren

Professional Service

2023-Present Psi Chi Faculty Advisor, Millsaps College
2023-2024 Faculty Search Committee, Millsaps College
2020-2021 OPAM Organizing Team, OPAM
2016-2017 Faculty Search Committee, University of Notre Dame
2015-2017 Graduate Student Advisory Committee, University of Notre Dame

Professional Memberships

Psychonomic Society
Vision Sciences Society

Ad-Hoc Reviewing

Applied Ergonomics
Attention, Perception, & Psychophysics
Cognition
Cognitive Research: Principles and Implications
Consciousness and Cognition
Frontiers in Psychology
Journal of Cognitive Psychology
Journal of Experimental Psychology: Human Perception and Performance
Journal of Experimental Psychology: Learning, Memory, and Cognition
Memory & Cognition
Psychological Research
Psychonomic Bulletin & Review
Quarterly Journal of Experimental Psychology
Visual Cognition