

**Anne M. Cleary**  
**Curriculum Vitae**  
ORCID ID: 0000-0003-1856-9070

**Contact Information**

Department of Psychology, Colorado State University  
1876 Campus Delivery, Fort Collins, CO 80523-1876 USA  
Phone: (970) 491-7701  
Website : <https://psychlabs.colostate.edu/human-memory/>  
Email: [Anne.Cleary@colostate.edu](mailto:Anne.Cleary@colostate.edu)

**Academic Positions:**

2014 – present: Professor, Department of Psychology, Colorado State University  
2008 – 2014: Associate Professor, Department of Psychology, Colorado State University  
2006 - 2008: Assistant Professor, Department of Psychology, Colorado State University  
2001- 2006: Assistant Professor, Department of Psychology, Iowa State University

**Other Positions:**

August 2013-August 2015: Program Director, Perception, Action and Cognition (PAC) Program  
Division of Behavioral and Cognitive Sciences (BCS)  
National Science Foundation

**Education:**

May, 2001 Case Western Reserve University, Cleveland, OH  
Major: Experimental Psychology  
Degree: Ph.D.

May, 1999 Case Western Reserve University, Cleveland, OH  
Major: Experimental Psychology  
Degree: M. A.

May, 1997 John Carroll University, Cleveland, OH  
Major: Psychology  
Concentration: Neuroscience  
Degree: B.S., cum laude

**Grants, Honors & Awards**

**9/2004 – 8/2010:** PI for National Science Foundation Faculty Early Career Development (CAREER) Award. Familiarity-based recognition. Total budget: \$400,000.

**2005** Iowa State University Foundation Award for Early Achievement in Research

**2005** Iowa State University Department of Psychology Award for Outstanding Junior Faculty Success in Extramural Funding

**2009** Fellow of the American Psychological Association (Division 3)

**8/2012-1/2013:** PI for fMRI Pilot Grant from the Intermountain Neuroimaging

Consortium (INC), Boulder, CO. The Neural Response to Familiar Features When Recall Fails: Isolated Features of Musical Stimuli. (Co-PI's Carol Seger & Michael Thaut). Total budget: \$3,000

**2015:** Fellow of the Association for Psychological Science (APS)

**2017-2018:** CSU Center for the Analytics of Learning and Teaching (C-ALT) grant, "Wearable Technology for Enhancing Learning." Total budget: \$2,000.

**2018:** CSU Center for the Analytics of Learning and Teaching (C-ALT) Fellow

**2019:** Co-PI for NSF FW-HTP-P grant "Optimizing Long-term Human Performance in Future Work." PI: Benjamin A. Clegg, CoPIs Francisco Ortega, Anne M. Cleary, Matthew G. Rhodes, Eric D. Heggstad, Christopher D. Wickens, Cap Smith. Total funding: \$149,998.

**2022:** CSU College of Natural Sciences Faculty and Staff Success Initiative Grant, "Virtual Reality with Eye-tracking." Total budget: \$10,000.

**2025-2030:** Co-PI for NIH R01 Award 1R01NS144894 "Anatomy and Physiology of Human Spatial Recognition Memory" PI: Nigel Pedersen, CoPIs Daniel Drane, Joseph Neisser.

## Books

**Cleary, A.M.,** Mills, C., & Kam, J.W.Y. (under contract). *Routledge International Handbook of Memory and Cognition.* Routledge.

**Cleary, A.M. & Schwartz, B.L.** (2025). *Tip of the Tongue States.* Cambridge University Press.

**Cleary, A.M. & Brown, A.S.** (2022). *The Déjà vu Experience (2<sup>nd</sup> Edition).* Routledge.

**Cleary, A.M. & Schwartz, B. L.** (Eds.) (2020). *Memory Quirks: The Study of Odd Phenomena in Memory.* Routledge.

Rhodes, M. G., **Cleary, A. M.,** & DeLosh, E. (2020). *A Guide to Effective Studying and learning: Practical Strategies from the Science of Learning.* Oxford University Press.

**Cleary, A.M. & Myers, S.J.** (2019). *Course Grade Rescue Kit: A Rapid Science-based Learning Intervention.* Anne M. Cleary.

## Publications (\*denotes graduate student, \*\*denotes undergraduate student)

**Cleary, A.M. & Robinson, D.H.** (2026). Why growth mindset training alone may not improve academic outcomes: A call for research on bundling growth mindset and retrieval practice interventions. *Educational Psychology Review*, 38, 93.  
<https://link.springer.com/article/10.1007/s10648-026-10188-7>

**Cleary, A. M.,** \*Francisco-Andres, J. M., \*Horne, S. N., \*Cuartas-Quiceno, D., & Schwartz, B. L. (2026). Intimation as a potentially useful subjective human experience: Insights from cognitive psychology 100 years following Wallas's (1926) The Art of Thought. *Consciousness and Cognition*, 139, 104006. Advance online publication.  
<https://doi.org/10.1016/j.concog.2026.104006>

- Huebert, A. M., Carlaw, B. N., McNeely-White, K. L., & **Cleary, A. M.** (2025). I want to know why this feels so familiar: Familiarity-detection during recall failure prompts curiosity and information seeking. *Cognition*, 265, 106286. <https://doi.org/10.1016/j.cognition.2025.106286>
- Schwartz, B.L. & **Cleary, A.M.** (2025). Tulving's (1989) Doctrine of Concordance Revisited. *Journal of Cognition*, 8(1), 36. <https://doi.org/10.5334/joc.447>
- White, M., Bontha, J.S., Gosh, S., Moraes, M, **Cleary, A.M.**, & Arefin, MS. (2025). Learning software modeling with virtual reality. *IEEE Conference Companion Proceedings (MODELS-C) for the Educators Symposium at the 28<sup>th</sup> International Conference on Model Driven Engineering Languages and Systems (MODELS) 2025*.
- Huebert, A.M., Myers, S.J. & **Cleary, A.M.** (2025). Experimental evidence that illusory feelings of prediction can be caused by familiarity detection. *Consciousness and Cognition*. <https://doi.org/10.1016/j.concog.2025.103904>
- Venkatesha, V., Poulos, C., Steadman, C., Mills, C., **Cleary, A.M.**, Blanchard, N. (2025). A linguistic analysis of spontaneous thoughts: Investigating experiences of déjà vu, unexpected thoughts, and involuntary autobiographical memories. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 47(0). <https://escholarship.org/uc/item/82s563d7>
- McNeely-White, K.L. & **Cleary, A.M.** (2025). Illusory feelings of prediction during déjà entendu: An auditory analog to illusory feelings of prediction during déjà vu. *Memory & Cognition*. <https://link.springer.com/article/10.3758/s13421-025-01716-x>
- Cleary, A.M.** & Robinson, D.H. (2025). Institutionalized misinformation in US education: Combatting the overselling of learning styles and underselling of spaced effort. *Journal of Social Issues*, 81(1), e70005.
- Steadman, C., Venkatesha, V., Poulos, C., **Cleary, A.M.**, Blanchard, N. & Mills, C. (2025). Involuntary thoughts in older vs. younger adults: A multidisciplinary approach to investigating déjà vu, involuntary autobiographical memories, and unexpected thoughts. *Technology, Mind, and Behavior*. <https://tmb.apaopen.org/pub/6ufsbkgd/release/3>
- Anindho, S., Venkatesha, V., Bradford, M., **Cleary, A.M.**, Blanchard, N. (2025). An exploration of internal states in collaborative problem solving. In: Kurosu, M., Hashizume, A. (Eds.) *Human-Computer Interaction. HCII 2025. Lecture Notes in Computer Science*, vol 15768. Springer, Cham. [https://doi.org/10.1007/978-3-031-93845-0\\_11](https://doi.org/10.1007/978-3-031-93845-0_11)
- Cleary, A.M.**, McNeely-White, K.L., Neisser, J., Drane, D.L., LieGeois-Chauvel, C., & Pedersen, N. (2025). Does familiarity-detection flip attention inward? The familiarity-flip-of-attention account of the primacy effect in memory for repetitions. *Memory & Cognition*. <https://link.springer.com/article/10.3758/s13421-024-01673-x>
- Cleary, A.M.** (2025). Tip of the tongue states. In L. Mickes, *Cognitive Psychology of Memory, Vol. 2 of Learning and memory: A comprehensive reference*. 2<sup>nd</sup> ed. Wixted, J.H. (Ed.) Oxford: Academic Press.

- Okada, N.S., McNeely-White, K.L., **Cleary, A.M.**, \*Carlaw, B.N., Drane, D.L., Parsons, T.D., McMahan, T., Neisser, J., & Pedersen, N.P. (2024). A virtual reality paradigm with dynamic scene stimuli for use in memory research. *Behavior Research Methods*, 56, 6440-6463. <https://link.springer.com/article/10.3758/s13428-023-02243-w>
- Chartier, T., Castillon, I., Venkatesha, V., **Cleary, A.M.**, & Blanchard, N. (2024). Using eye gaze to differentiate internal feelings of familiarity in virtual reality environments: Challenges and opportunities. *Annual Review of CyberTherapy and Telemedicine*, 22, 96-100. <https://easychair.org/publications/preprint/Lw4v>
- Cleary, A.M.** (2024). New considerations for memory assessment. *Annual Review of CyberTherapy and Telemedicine*, 22, 195-199. <https://easychair.org/publications/preprint/h9Bn>
- Castillon, I., Chartier, T., Venkatesha, V., Okada, N. S., Davis, A., **Cleary, A. M.**, & Blanchard, N. (2024). Automatically identifying the human sense of familiarity using eye gaze features. In Kurosu, M., Hashizume, A. (Eds.). *International Conference on Human-Computer Interaction* (pp. 291-310). [https://doi.org/10.1007/978-3-031-60405-8\\_19](https://doi.org/10.1007/978-3-031-60405-8_19)
- Cleary, A.M.** (2023). Déjà vu: Have you been here before? The eerie sensation is the shadow of your mind searching inward for clues to its own survival. Essay at AEON. <https://aeon.co/essays/deja-vu-a-window-on-the-past-and-a-key-to-human-survival>
- Cleary, A.M.**, Poulos, C., & Mills, C. (2023). A possible shared underlying mechanism among involuntary autobiographical memory and déjà vu. *Behavioral and Brain Sciences*, 46, e361. <https://www.cambridge.org/core/journals/behavioral-and-brain-sciences/article/abs/possible-shared-underlying-mechanism-among-involuntary-autobiographical-memory-and-deja-vu/7C5C544DDFED65B6E8549B59953E49BD>
- Cleary, A. M.**, Irving, Z. C., & Mills, C. (2023). What flips attention? *Cognitive Science*, 47(4), e13274. <https://doi.org/10.1111/cogs.13274>
- \*Huebert, A. M., \*McNeely-White, K. L., & **Cleary, A. M.** (2023). On the relationship between tip-of-the-tongue states and partial recollective experience: Illusory partial recollective access during tip-of-the-tongue states. *Journal of Experimental Psychology: General*, 152(2), 542–570. <https://doi.org/10.1037/xge0001292>
- McNeely-White, K. L. & **Cleary, A. M.** (2023). Piquing curiosity: Déjà vu-like states are associated with feelings of curiosity and information-seeking behaviors. *Journal of Intelligence*, 11, 112. <https://doi.org/10.3390/jintelligence11060112>
- Neisser, J., Abreu, G., Drane, D.L., Pedersen, N.P., Parsons, T.D., & **Cleary, A.M.** (2023). Opening a conceptual space for metamemory experience. *New Ideas in Psychology*, 69, 100995. <https://doi.org/10.1016/j.newideapsych.2022.100995>
- Cleary, A.M.**, & Rhodes, M.G. (2023). The science of learning initiative at Colorado State University. In C. E. Overson, C. M. Hakala, L. L. Kordonowy, & V. A. Benassi (Eds.), *In their own words: What scholars and teachers want you to know about why and how to apply the science of learning in your academic setting*(pp. 190-199). Society for the Teaching of Psychology. <https://teachpsych.org/ebooks/itow>

- \*Carlaw, B. N., \*Huebert, A. M., \*McNeely-White, K. L., Rhodes, M. G., & **Cleary, A. M.** (2022). Detecting a familiar person behind the surgical mask: Recognition without identification among masked versus sunglasses-covered faces. *Cognitive Research: Principles and Implications*, 7(1), 90. <https://doi.org/10.1186/s41235-022-00440-3>
- Cleary, A.M.** (2022). Memory during failures of recall: Information that is forgotten is not gone. In J. R. Thompson (Ed.). *Routledge Handbook of Philosophy and Implicit Cognition*. Routledge.
- Drane, D. L., Parsons, T.D., McMahan, T., **Cleary, A. M.**, Okada, N., Pedersen, N. P., ... & Neisser, J. (2022). Disruptive technology presents: Reimagining memory assessment through theory, virtual reality, and other novel technologies. *The Clinical Neuropsychologist*, 36, 740-741.
- \*Huebert, A.M., & **Cleary, A.M.** (2022). Do first and last letters carry more weight in the mechanism behind word familiarity? *Psychonomic Bulletin & Review*, 29, 1938–1945. <https://doi.org/10.3758/s13423-022-02093-1>
- \*Huebert, A.M.,\*McNeely-White, K.L. & **Cleary, A.M.** (2022). Can cue familiarity during recall failure prompt illusory recollective experience? *Memory & Cognition*, 50, 681–695 (2022). <https://doi.org/10.3758/s13421-021-01248-0>
- \*McNeely-White, K. L.,McNeely-White, D.G.,\*Huebert, A. M.,\*Carlaw, B. N., & **Cleary, A. M.** (2022). Specifying a relationship between semantic and episodic memory in the computation of a feature-based familiarity signal using MINERVA 2. *Memory & Cognition*, 50(3), 527–545. <https://doi.org/10.3758/s13421-021-01234-6>
- Cleary, A. M.**, \*McNeely-White, K. L., \*Huebert, A. M., & \*Claxton, A. B. (2022). Déjà vu and the feeling of prediction: An association with familiarity strength. In *Déjà vu and Other Dissociative States in Memory* (pp. 70-86). Routledge. <https://doi.org/10.1080/09658211.2018.1503686>
- Cleary, A.M.**, Neisser, J., McMahan, T., Parsons, T.D., Alwaki, A., Okada, N., Vosoughi, A., Kheder, A., Drane, D.L., & Pedersen, N.P. (2021). Subjective distinguishability of seizure and non-seizure déjà vu: A case report, brief literature review, and research prospects. *Epilepsy & Behavior*, 125, 108373. <https://doi.org/10.1016/j.yebeh.2021.108373>
- Cleary, A.M.**, \*McNeely-White, K.L., Hausman, H., \*\*Dawson, J., \*\*Kuhn, S., \*Osborn, R.M., \*Huebert, A.M., & Rhodes, M.G. (2021). Wearable technology for automatizing science-based study strategies: Reinforcing learning through intermittent smartwatch prompting. *Journal of Applied Research in Memory and Cognition*. <https://doi.org/10.1016/j.jarmac.2021.01.001>
- Ryals, A. J., Kelly, M. E., & **Cleary, A. M.** (2021). Increased pupil dilation during tip-of-the-tongue states. *Consciousness and Cognition*, 92, 103152. <https://doi.org/10.1016/j.concog.2021.103152>

- \*McNeely-White, K.L., \*McNeely-White, D.G. & **Cleary, A.M.** (2021). Global matching in music familiarity: How musical features combine across memory traces to increase familiarity with the whole in which they are embedded. *Journal of Memory and Language*, 118, 104217. <https://doi.org/10.1016/j.jml.2020.104217>
- Cleary, A. M.**, \*McNeely-White, K. L., \*\*Russell, S. A., \*Huebert, A. M., & Hausman, H. (2021). The tip-of-the-tongue state as a form of access to information: Use of tip-of-the-tongue states for strategic adaptive test-taking. *Journal of Applied Research in Memory and Cognition*, 10(1), 131–142. <https://doi.org/10.1016/j.jarmac.2020.08.013>
- Cleary, A.M.**, \*Huebert, A.M., & \*McNeely-White, K.L. (2020). The déjà vu phenomenon’s entry into the realm of science. In Cleary, A.M. & Schwartz, B.L. (Eds.). *Memory Quirks: The Study of Odd Phenomena in Memory*. Routledge. (pp. 271-287).
- Cleary, A.M.**, \*Huebert, A.M., & \*McNeely-White, K.L. (2020). The tip-of-the-tongue state bias permeates unrelated concurrent decisions and behavior. *Memory & Cognition*, 48, 596–606. <https://doi.org/10.3758/s13421-019-00993-7>
- \*McNeely-White, K.L. & **Cleary, A.M.** (2019). Music recognition without identification and its relation to déjà entendu: A study using “Piano Puzzlers.” *New Ideas in Psychology*, 55, 50-57. <https://doi.org/10.1016/j.newideapsych.2019.04.002>
- Cleary, A.M.**, \*Huebert, A.M., \*McNeely-White, K.L. & \*Spahr, K.S. (2019). A postdictive bias associated with déjà vu. *Psychonomic Bulletin & Review*, 26, 1433-1439. <https://doi.org/10.3758/s13423-019-01578-w>
- Cleary, A.M.** (2019). Dependent measures in memory research: From recall to recognition. In H. Otani & B.L. Schwartz (Eds.) *Research Methods in Human Memory*. Routledge; New York, NY.
- Cleary, A.M.** (2019). The biasing nature of the tip-of-the-tongue experience: When decisions bask in the glow of the tip-of-the-tongue state. *Journal of Experimental Psychology: General*, 148, 1178. <http://dx.doi.org/10.1037/xge0000520>
- Cleary, A.M.** & \*Claxton, A.B. (2018). Déjà vu: An illusion of prediction. *Psychological Science*, 29, 635-644. <https://doi.org/10.1080/09658211.2018.1503686>
- Cleary, A.M.** (2017). Tip of the Tongue States. In (John H. Byrne, Ed.). *Learning and Memory: A Comprehensive Reference 2e*. pp. 433-449.
- Schwartz, B.L. & **Cleary, A.M.** (2016). Tip-of-the-tongue states, déjà vu experiences, and other odd metacognitive experiences. In J. Dunlosky & S. K. Tauber (Eds.), *The Oxford Handbook of Metamemory*. Oxford University Press. (pp. 95-108).
- Cleary, A.M.**, \*Ryals, A.J., & \*\*Wagner, S.M. (2016). Recognition during recall failure: Semantic feature matching as a mechanism for recognition of semantic cues when recall fails. *Memory & Cognition*, 44, 50-62. <https://doi.org/10.3758/s13421-015-0545-z>
- Cleary, A.M.** & \*Claxton, A.B. (2015). The tip-of-the-tongue heuristic: How tip-of-the-tongue states confer perceptibility on inaccessible words. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 41, 1533-1539. <https://doi.org/10.1037/xlm0000097>

- Kostic, B., \*\*Booth, S.E., & Cleary, A.M. (2015). The role of analogy in reports of *presque vu*: Does reporting the *presque vu* state signal the near retrieval of a source analogy? *Journal of Cognitive Psychology*, 27, 739-754.  
<https://doi.org/10.1080/20445911.2015.1031792>
- Cleary, A.M. (2015). The use of cue familiarity during retrieval failure is affected by past versus future orientation. *Memory*, 23, 590-601. DOI:  
10.1080/09658211.2014.913639
- Cleary, A.M. (2014). The sense of recognition during retrieval failure: Implications for the nature of memory traces. In B.H. Ross's *Psychology of Learning and Motivation, Volume 60*, pp. 77-112. Elsevier.
- Cleary, A.M. (2014). On the empirical study of *déjà vu*: Borrowing methodology from the study of the tip-of-the-tongue phenomenon. In B.L. Schwartz & A.S. Brown's *Tip-of-the-tongue States and Related Phenomena*. pp. 264-280. Cambridge University Press
- Cleary, A.M., \*Staley, S.R., & \*Klein, K.R. (2014). The effect of tip-of-the-tongue states on other cognitive judgments. In B.L. Schwartz & A.S. Brown's *Tip-of-the-tongue States and Related Phenomena*. pp. 75-94. Cambridge University Press.
- Soderstrom, N.C., & Cleary, A.M. (2014). On the domain-specificity of survival processing advantages in memory. In Schwartz, B.L., Howe, M.L., Toglia, M.P., & Otgaar, H. (Eds.), *What is Adaptive about Adaptive Memory?* Oxford: Oxford University Press.
- Cleary, A.M., \*Ryals, A.J., & \*Nomi, J.S. (2013). Intuitively detecting what is hidden within a visual mask: Familiar-novel discrimination and threat detection for unidentified stimuli. *Memory & Cognition*, 41, 989-999. See updated 2022 Correction here:  
<https://doi.org/10.3758/s13421-022-01301-6>
- \*Nomi, J.N., \*Ryals, A.J., & Cleary, A.M. (2013). Cognitive Psychology. In Azari, N.P., Runehov, A.L.C., Oviedo, L. (Eds.) *Encyclopedia of Sciences and Religions*. Springer (pp. 400-408).
- \*Ryals, A.J., Cleary, A.M., & Seger, C.A. (2013). Recall versus familiarity when recall fails for words and scenes: The differential roles of the hippocampus, perirhinal cortex, and category-specific cortical regions. *Brain Research*, 1492, 72-91.  
<https://doi.org/10.1016/j.brainres.2012.10.068>
- \*Nomi, J. S., Rhodes, M. G., & Cleary, A. M. (2013). Effect of emotional facial expressions on predictions of identity recognition. *Cognition and Emotion*, 27, 141-149.
- \*Nomi, J.S. & Cleary, A.M. (2012). Judgments for inaccessible targets: Comparing recognition without identification and the feeling of knowing. *Memory & Cognition*, 40, 1178-1188.
- \*Kostic, B., \*\*McFarlan, C. C., & Cleary, A.M. (2012). Extensions of the survival advantage in memory: Examining the role of ancestral context and implied social isolation. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 1091-1098.

- Cleary, A.M.** (2012). On the contribution of unconscious processes to recognition memory. *Cognitive Neuroscience*, 3, 210-211.
- \*Ryals, A.J. & **Cleary, A.M.** (2012). The recognition without cued recall phenomenon: Support for a feature-matching theory over a partial recollection account. *Journal of Memory and Language*, 66, 747-762.
- Cleary, A.M.**, Brown, A.S., \*\*Sawyer, B.D., \*Nomi, J.S., \*\*Ajoku, A.C., & \*Ryals, A.J. (2012). Familiarity from the configuration of objects in 3-dimensional space and its relation to déjà vu: A virtual reality investigation. *Consciousness and Cognition*, 21, 969-975.
- \*Ryals, A. J., \*Yadon, C. A., \*Nomi, J. S., & **Cleary, A. M.** (2011). When word identification fails: ERP correlates of recognition without identification and of word identification failure. *Neuropsychologia*, 12, 3224-3237.
- Cleary, A. M.**, & DeLosh, E.L. (2011). Wireless response systems: 'clicker' uses and benefits in and out of the classroom. In L'Abate, L. & Kaiser, D. (Eds.) *Handbook of Technology in Psychology, Psychiatry, and Neurology: Theory, Research and Practice*. New York: Nova Science Publishers.
- Cleary, A. M.** (2011). Face recognition without identification. In Corcoran, P.M. (Ed.) *Reviews, Refinements and New Ideas in Face Recognition*. Rijeka, Croatia: InTech Publishers.
- Muir, G. M., & **Cleary, A. M.** (2011). Enhancing Student Engagement and Learning Using "Clicker"-based Interactive Classroom Demonstrations. In Dunn, D.S, Wilson, J. C., Freeman, J., & Stowell, J. R. (Eds.) *Best Practices for Technology-Enhanced Teaching and Learning*. Oxford University Press.
- \*Kostic, B., **Cleary, A.M.**, \*\*Severin, K., & \*\*Miller, S.W. (2010). Detecting analogical resemblance without retrieving the source analogy. *Psychonomic Bulletin & Review*, 17, 405-411.
- Cleary, A. M.**, \*\*Konkel, K. E., \*Nomi, J. N., & McCabe, D. P. (2010). Odor recognition without identification. *Memory & Cognition*, 38, 452-460.
- \*\*Eslick, A. N., \*Kostic, B., & **Cleary, A. M.** (2010). True and false memory for color names versus actual colors: Support for the visual distinctiveness heuristic in memory for color information. *Quarterly Journal of Experimental Psychology*, 63, 1104-1126.
- Cleary, A. M.**, \*Ryals, A. J., & \*Nomi, J. N. (2009). Can déjà vu result from similarity to a prior experience? Support for the similarity hypothesis of déjà vu. *Psychonomic Bulletin & Review*, 16, 1082-1088.
- Cleary, A. M.** & \*\*Reyes, N. L. (2009). Scene recognition without identification. *Acta Psychologica*, 131, 53-62.
- \*Kostic, B. & **Cleary, A. M.** (2009). Song recognition without identification: When people cannot "name that tune" but can recognize it as familiar. *Journal of Experimental Psychology: General*, 138, 146-159.

- Morris, A. L., **Cleary, A. M.**, & Still, M. S. (2008). The role of autonomic arousal in feelings of familiarity. *Consciousness and Cognition, 17*, 1378-1385.
- Cleary, A.M.** (2008). Recognition memory, familiarity, and déjà vu experiences. *Current Directions in Psychological Science, 17*, 353-357.
- Cleary, A. M.** (2008). Using wireless response systems to replicate behavioral research findings in the classroom. *Teaching of Psychology, 35*, 42-44.
- \*Kostic, B. & **Cleary, A. M.** (2008). Memory Assessment. In H. E. A. Tinsley & S. H. Lease (Volume Eds.), *Encyclopedia of counseling psychology*. Editor-in-chief: F. T. L. Leong. Thousand Oaks, CA: Sage Publications.
- \*Langley, M. M., **Cleary, A. M.**, \*\*Woods, J. & \*Kostic, B. (2008). Picture recognition without picture identification: A method for assessing the role of perceptual information in familiarity-based picture recognition. *Acta Psychologica, 127*, 103-113.
- Cleary, A. M.**, \*\*Winfield, M. M., & \*Kostic, B. (2007). Auditory recognition without identification. *Memory & Cognition, 35*, 1869-1877.
- \*Langley, M. M., **Cleary, A.M.** & \*Kostic, B. (2007). On the use of wireless response systems in experimental psychology: Implications for the behavioral researcher. *Behavior Research Methods, 39*, 816-823.
- Cleary, A. M.** & \*\*Specker, L. E. (2007). Recognition without face identification. *Memory & Cognition, 35*, 1610-1619.
- Cleary, A. M.** & \*Langley, M. M. (2007). Retention of the structure underlying sentences. *Language & Cognitive Processes, 22*, 614-628.
- Cleary, A. M.**, Morris, A.L., & \*Langley, M. M. (2007). Recognition memory for novel stimuli: The structural regularity hypothesis. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 33*, 379-393.
- Cleary, A. M.** (2006). Relating familiarity-based recognition and the tip-of-the-tongue phenomenon: Detecting a word's recency in the absence of access to the word. *Memory & Cognition, 34*, 804-816.
- Cleary, A. M.**, & Greene, R. L. (2005). Recognition without perceptual identification: A measure of familiarity? *Quarterly Journal of Experimental Psychology, 58A*, 1143-1152.
- Cleary, A. M.** (2005). ROCs in recognition with and without identification. *Memory, 5*, 472-483.
- Cleary, A. M.**, \*\*Langley, M. M., & \*Seiler, K. R. (2004). Recognition without picture identification: Geons as components of the pictorial memory trace. *Psychonomic Bulletin & Review, 11*, 903-908.
- Cleary, A. M.** (2004). Orthography, phonology, and meaning: Word features that give rise to feelings of familiarity in recognition. *Psychonomic Bulletin & Review, 11*, 446-451.

- Cleary, A. M., & Greene, R. L.** (2004). True and false memory in the absence of perceptual identification. *Memory, 12*, 231-236.
- Curran, T., & **Cleary, A. M.** (2003). Using ERPs to dissociate recollection from familiarity in picture recognition. *Cognitive Brain Research, 15*, 191-205.
- Cleary, A. M.** (2002). Recognition with and without identification: Dissociative effects of meaningful encoding. *Memory & Cognition, 30*, 758-767.
- Cleary, A. M., & Greene, R. L.** (2002). Paradoxical effects of presentation modality on false memory. *Memory, 10*, 55-61.
- Cleary, A. M., Curran, T., & Greene, R. L.** (2001). Memory for detail in item versus associative recognition. *Memory & Cognition, 29*, 413-423.
- Cleary, A. M., & Greene, R. L.** (2001). Memory for unidentified items: Evidence for the use of letter information in familiarity processes. *Memory & Cognition, 29*, 540-545.
- Cleary, A. M., & Greene, R. L.** (2000). Recognition without identification. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 26*, 1063-1069.
- Murphy, H. M., Wideman, C. H., & **Cleary, A. M.** (1999). Interaction of vasopressin and splenda on glucose metabolism and long-term taste preferences under ad-libitum and food-restricted conditions. *Nutritional Neuroscience, 2*, 347-356.

## **Colloquia and Invited Talks**

(In reverse chronological order)

- Cleary, A.M. (October, 2025). Does Familiarity-detection Flip Attention Inward? Colloquium presented in person at the Cognitive Lunch Seminar at the University of Colorado at Boulder, Boulder, CO.
- Cleary, A.M. & Mills, C. (September, 2025). A Comparison of Déjà vu, Involuntary Autobiographical Memories, and Unexpected Thoughts Across the Lifespan. Talk presented as part of the invited in-person symposium *Déjà Vu and Beyond: Investigating Spontaneous Cognitive Experiences* at the meeting of the European Society for Cognitive Psychology (ESCOP), Sheffield, England.
- Cleary, A.M. (September, 2025). Opportunities for Leveraging Generative AI in Ways that Help Student Learning. Talk presented as part of the ESCOP satellite event *AI and Cognition: Rethinking Teaching and Assessment in the Age of Generative AI*, Sheffield, England.
- Cleary, A.M. (June, 2025). Déjà vu as a Redirector of Thought. Talk presented as part of the invited symposium “*Déjà vu and Other Everyday Spontaneous Cognitions*” at the meeting of the Society for Applied Research on Memory and Cognition (SARMAC), County Kildare, Ireland.
- Cleary, A.M. (June, 2025). The Science of Learning at Colorado State University. Invited talk presented in person at the meeting of the Board of Governors, Colorado State University System, Fort Collins, CO.

- Cleary, A.M. (June, 2025). Bringing Learner Data into the Research Lab. [Invited In-person Panel Participant]. 1EdTech Learning Impact Conference 2025, Indianapolis, IN.
- Cleary, A.M. (September, 2024). Capturing Déjà vu with Virtual Reality. Keynote Address delivered in person at the 27<sup>th</sup> Annual Cyberpsychology, Cybertherapy and Social Networking Conference, Arizona State University, Tempe, AZ.
- Cleary, A.M. (August, 2024). Teaching to a Wide Audience: Tools from the Science of Learning. Keynote Address delivered in person at the Colorado State University College of Liberal Arts' Faculty Success is Student Success Professional Development Conference, Fort Collins, CO.
- Cleary, A.M. (August, 2024). Why Do We Have Déjà vu? Talk given in person at the Annual American Psychological Association Convention, Seattle, WA.
- Cleary, A.M. (November, 2023). Why Does Familiarity-detection Exist? Talk given in person at the weekly Memory Meeting through the Center for Neuroscience and Center for Mind and Brain, University of California-Davis, Davis, CA.
- Cleary, A.M. (November, 2023). Recognition without Identification 33 Years After its Discovery. Talk given in person at the Festschrift in honor of Dr. Zehra Peynircioglu, American University, Washington DC.
- Cleary, A.M. & Neisser, J. (September, 2023). Is Memory Essentially Attention? A Reason to Pay Attention to Déjà vu. Talk given in person at the Unconventional Memory Workshop, Ludwig Maximilian University of Munich, Munich, Bavaria, Germany.
- Cleary, A.M. (February, 2023). Using Smartwatches as a Tool for Implementing Learning Reinforcements Outside of the Classroom. Talk given via Zoom at the weekly "CogFog" lab meeting of Drs. Robert and Elizabeth Bjork, UCLA, Los Angeles, CA.
- Cleary, A.M. (December, 2022). Simple Methods of Incorporating Science-of-Learning-Based Strategies into Teaching. Keynote Address delivered via Zoom at the University of New England. Biddeford, ME
- Cleary, A.M. (October, 2022). Reinforcing Learning Outside of the Classroom: The Use of Smartwatches for Automatizing Spaced Testing as a Learning Reinforcement Technique. Talk given in person at the University of Texas at Arlington. Arlington, TX.
- Cleary, A.M. (October, 2022). More than a Memory: An Innovation Game-changer. Talk given in person at The Leeds School of Business, University of Colorado Boulder. Boulder, CO.
- Cleary, A.M. (August, 2022). Reinforcing Learning Outside of the Classroom: The Use of Smartwatches for Automatizing Spaced Testing as a Learning Reinforcement Technique. Talk given in person at the Annual American Psychological Association (APA) Convention. Minneapolis, MN.
- Cleary, A.M., Okada, N., & McNeely-White, K.L. (June, 2022). A Virtual Reality Task for Tapping Nuanced Aspects of Memory. Talk given in person at a symposium entitled, *Disruptive Technology Presents: Reimagining Memory Assessment Through Theory*,

- Virtual Reality, and other Novel Technologies (e.g., Eye Tracking, SEEG)* at the Annual Meeting of the American Academy of Clinical Neuropsychology (AACN). Minneapolis, MN.
- Cleary, A.M. (March, 2022). Incorporating Principles from the Science of Learning in Higher Education. Talk given via Zoom at the *Empower Students for Academic Success II: Teaching Students Study Skills Informed by the Science of Learning* hosted by the University of New Hampshire. Durham, NH.
- Cleary, A.M. (October, 2021). Manipulating Spatial Layout Familiarity to Elicit Déjà vu and Feelings of Prediction. Talk given via Zoom at the Emory Neuromodulation Technology Innovation Center's (ENTICE) Innovation Forum, "Re-evaluating Memory: Déjà vu, Familiarity, Neural Correlates and Novel Tests. Atlanta, GA.
- Cleary, A.M. (October, 2021). Spatial Familiarity, Déjà vu, and the Feeling of Knowing what will Happen Next. Talk given via Zoom at Mississippi State University's Psychology brownbag series. Starkville, MS.
- Cleary, A.M. (April, 2021). Can Metacognitive Sensations of Memory Lead to Recollective Confabulation? Talk given via Zoom at Universitat Mannheim's One World Cognitive Psychology Seminar, Mannheim, Germany.
- Cleary, A.M. (March, 2021). Can a Sensation of Familiarity Produce Recollective Confabulation? Talk given via Zoom at University of North Texas, Denton, TX
- Cleary, A.M. (March, 2021). Déjà vu and the Experience of Memory. Virtual guest presentation and discussion for the course Neuro-humanities: Science, Subjectivity, Critique at Grinnell College, Grinnell, IA.
- Cleary, A.M. (February, 2020). Unexpected forms of Illusory Conscious Recollective Experience During Subjective Sensations of Memory: Rethinking Human Metamemory. Talk given at Emory University, Atlanta, GA.
- Cleary, A.M. (July, 2019). Déjà vu and Other Strange Memory Experiences. Talk open to the public at the Wolverine Farm & Publik House, Fort Collins, CO.
- Cleary, A.M. (June, 2019). That Sounds Familiar. A public presentation at the Carnegie Center for Creativity in Fort Collins, CO on déjà entendu and familiarity with music, as part of a larger multi-speaker and musical performance event on *Piano Puzzlers and Other Musical Mysteries*, Fort Collins, CO.
- Cleary, A.M. (April, 2019). Utilizing Principles from the Science of Learning in Higher Education. Invited talk given at the University of Maryland, College Park, MD.
- Cleary, A.M. (March, 2019). Studying Déjà vu in the Laboratory. Invited Joint Psychology/Philosophy Session on Déjà vu at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Cincinnati, OH.
- Cleary, A.M. (June, 2018). The Fascinating Relationship between Déjà vu and Premonition. TEDxLiverpool talk, Liverpool, UK. <https://www.youtube.com/watch?v=0M6qXYJkhDc>

- Cleary, A.M. (May, 2018). Learning is not Intuitive. Joint plenary address given at the Summer Conference of The Institute for Learning and Teaching (TILT) at Colorado State University, Fort Collins, CO.
- Cleary, A.M. (April, 2018). A decade of Research on Déjà vu Inspired by Alan Brown. Talk given at the Festschrift in honor of Dr. Alan Brown, Dallas, TX.
- Cleary, A.M. (March, 2018). Déjà vu and the Feeling of Prediction. President's talk given at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), San Antonio, TX.
- Cleary, A.M. (March, 2018). Déjà vu and the Feeling of Prediction. Invited talk given at the Annual Meeting of the Southeastern Psychological Association (SEPA), Charleston, SC.
- Cleary, A.M. (August, 2017). ). How Metacognitive States Like Tip-of-the-tongue and Déjà vu can be Biasing. Divisional Presidential Address given at the Annual American Psychological Association Convention, Washington DC.
- Cleary, A.M. (August, 2017). The Science of Learning: What has Science Shown in the Past 25 Years that We Did Not Know Before? Invited talk presented at the meeting of the Board of Governors, Colorado State University System, Denver, CO.
- Cleary, A.M. & Claxton, A.B. (2017, March). Déjà vu: An Illusion of Prediction. Invited symposium presentation given at the Annual Meeting of the Southern Society for Philosophy and Psychology, Savannah, GA.
- Cleary, A.M. (2017, March). Déjà vu. TEDxCSU talk, Fort Collins, CO.  
<https://www.youtube.com/watch?v=nFAvUkjba-Q>
- Cleary, A.M. (2016, October). How Metacognitive States Like Tip-of-the-tongue and Déjà vu can be Biasing. Invited colloquium presented at Emory University, Atlanta, GA.
- Cleary, A.M. & Claxton, A.B. (2016, July). The Déjà vu Illusion: Déjà vu May Bias People Toward Thinking that they Know What Will Happen Next. Invited symposium presentation given at the International Conference on Memory (ICOM), Budapest, Hungary.
- Cleary, A.M. (2016, June). The Science of Learning Initiative at Colorado State University. Invited talk presented at the 4<sup>th</sup> International Conference on Advanced Learning Sciences (ICALS 2016), South China Normal University, Guangzhou, China.
- Cleary, A.M. (2014, October). Residual Memory During Retrieval Failure and the Features that Drive it. Invited colloquium presented at American University, Washington, DC.
- Cleary, A.M. (2014, February). What Drives Residual Memory During Retrieval Failure? Invited colloquium presented at the University of Virginia, Charlottesville, VA.
- Cleary, A.M. (2013, June). Déjà vu. Invited lecture presented at the "Mixed Taste" series at the Museum of Contemporary Art in Denver, Denver, CO.
- Cleary, A.M. (2013, April). Semantic Feature-matching as a Basis for Recognition During Recall

- Failure. Invited talk presented at the Ellis-Battig Memory Symposium at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- Cleary, A.M. (2013, April). What Features of Situations Produce Familiarity-detection when Recall Fails? Research talk presented at the National Science Foundation, Arlington, VA.
- Cleary, A. M. (2012, June). The Features that Produce Familiarity when Recall Fails. Colloquium presented at East China Normal University, Shanghai, China.
- Cleary, A. M. (2012, March). Déjà vu: A Memory Phenomenon. Invited talk presented at the Southern Society for Philosophy and Psychology, Savannah, GA.
- Cleary, A. M. (2012, March). Features that Produce Familiarity when Recall Fails. Invited colloquium presented at Colby College, Waterville, ME.
- Cleary, A. M. (2007, May). Recognizing Faces, Scenes, and Sounds in the Absence of Identifying Them. Invited talk presented at the Annual Meeting of the Midwestern Association. Chicago, IL.
- Cleary, A. M. (2006, September). Recognition without Identification of Faces, Scenes, and Sounds. Colloquium presented at the University of Colorado at Boulder, Boulder, CO.
- Cleary, A. M. (2006, February). The Role of Existing Knowledge Structures in Recognition Memory. Colloquium presented at the State University of New York at Buffalo, Buffalo, NY.
- Cleary, A. M. (2006, January). The Role of Existing Knowledge Structures in Recognition Memory. Colloquium presented at Colorado State University, Fort Collins, CO.
- Cleary, A. M. (2006, January). The Role of Existing Knowledge Structures in Recognition Memory. Colloquium presented at the University of Georgia, Athens, GA.
- Cleary, A. M. (2005, November). Recognition without Identification: A Highly Generalizable Phenomenon. Colloquium presented at the Kunin-Lunenfeld Applied Research Unit (KLARU) Rounds at the Baycrest Centre for Geriatric Care, Toronto, ON.
- Cleary, A. M. (2004, May). The Role of Existing Knowledge Structures in Familiarity. Invited talk presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Cleary, A. M. (2004, January). Familiarity-based Recognition. Colloquium presented at the University of Illinois at Urbana Champaign, Champaign, IL.
- Cleary, A. M. (2002, February). Familiarity-based Recognition. Invited talk presented to the Interdisciplinary Gerontology Group at Iowa State University, Ames, IA.
- Cleary, A. M. (2001, October). Studying Memory at the Cognitive Level. Invited talk presented to the Iowa State University Interdisciplinary Neuroscience Group, Iowa State University, Ames, IA.

Cleary, A. M. (2000, November). Remembering without Knowing what is Being Remembered. Colloquium presented at the University of Nevada, Las Vegas, NV.

Cleary, A. M. (2000, October). Remembering without Knowing what is Being Remembered. Colloquium presented at Iowa State University, Ames, IA.

## **Conference Presentations**

(In reverse chronological order;\*denotes student author)

McNeely-White, K.M., Liégeois-Chauvel C., Cleary, A.M., Okada, N., Castillo Astorga, R., Neisser, J., Drane, D. & Pedersen, N. (March, 2026). Using Virtual Scenes to Examine the Neural Correlates of Spatial Recognition Memory. Poster to be presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), Vancouver, Canada.

Cleary, A.M., \*Horne, S.N., & \*Cuartas-Quiceno, D. (November, 2025). Smartwatch Learning Reinforcements in the Wild: Using the Terracotta Tool to Rigorously Examine a Real-World Classroom Practice Implementation. Talk presented as part of the symposium *How can Cognitive Psychologists Ease the Spread of Misinformation and Boost the Spread of Accurate Information in Education?* at the Annual Meeting of the Psychonomic Society, Denver, CO.

\*Cuartas-Quiceno, D., \*Horne, S.M. & Cleary, A.M. (November, 2025). How Different Types of Auditory Information Affect Déjà vu Likelihood in a Virtual Tour Paradigm. Poster presented at the Annual Meeting of the Psychonomic Society, Denver, CO.

\*Horne, S.N. & Cleary, A.M (November, 2025). Does Familiarity Speed up Time, or Slow it Down? Poster presented at the Annual Meeting of the Psychonomic Society, Denver, CO.

\*Francisco-Andres, J.M. & Cleary, A.M. (November, 2025). Learning under Visual Hierarchical Superordinate Category Structures: Simultaneous vs. Sequential, and Blocked vs. Interleaved Presentation. Poster presented at the Annual Meeting of the Psychonomic Society, Denver, CO.

\*Horne, S., Venkatesha, V., Blanchard, N., Steadman, C., Mills, C., Cleary, A.M. (June, 2025). Oh! Um...Hmm: How do filler words and speech disruptions indicate Déjà-vu states? Poster presented at the meeting of the Society for Applied Research in Memory and Cognition (SARMAC), County Kildare, Ireland.

Mills, C., Poulos, C., Steadman, C. & Cleary, A.M. (November, 2024). The Element of Surprise in Involuntary Thought. Talk presented at the Annual Meeting of the Psychonomic Society, New York, NY, USA.

\*Francisco-Andres, J.M., Gibson, J., & Cleary, A.M. (November, 2024). Curiosity, Feeling of Closeness, and Agency in the Remote Associates Task. Poster presented at the Annual Meeting of the Psychonomic Society, New York, NY, USA.

- \*Gibson, J., Cleary, A.M., & \*Francisco-Andres, J.M. (November, 2024). Auditory Cue Familiarity-Detection During Cued Recall Failure. Poster presented at the Annual Meeting of the Psychonomic Society, New York, NY, USA.
- \*Carlaw, B.N., & Cleary, A.M. (November, 2024). I Feel Like I've Seen You Before: How Familiarizing Different Facial Parts in Different Contexts Impacts Recollective Experience with the Whole Face. Poster presented at the Annual Meeting of the Psychonomic Society, New York, NY, USA.
- Steadman, C., Venkatesha, V., Poulos, C., Cleary, A.M, Blanchard, N., Mills, C., (July, 2024). The Commonalities Between Déjà Vu, Involuntary Autobiographical Memories, and Unexpected Thoughts: Investigating Involuntary Thoughts Across the Lifespan. Poster presented at The Society for Text and Discourse, Chicago, IL, USA.
- \*Carlaw, B. N., \*Share, M., \*Dunbar, P., \*Gibowicz, A., \*Valdez, L., & Cleary, A. M. (April 2024). Familiarity-detection from Partially Occluded Faces: Do Separate Exposures to Different Facial Parts Combinedly Increase Familiarity with a Whole Face? Poster presented at the Rocky Mountain Psychological Association's 94<sup>th</sup> Annual Convention, Denver, CO.
- \*Francisco-Andres, J.M., \*Gibson, J., & Cleary, A.M. (April, 2024). Curiosity, Feeling-of-Closeness and the Desire for Agency in the Remote Associates Task (RAT). Poster presented at the Rocky Mountain Psychological Association's 94<sup>th</sup> Annual Convention, Denver, CO.
- \*Gibson, J., Francisco-Andres, J.M., & Cleary, A.M. (April, 2024). Auditory Cue Familiarity-detection during Cued Recall Failure. Poster presented at the Rocky Mountain Psychological Association's 94<sup>th</sup> Annual Convention, Denver, CO.
- \*Carlaw, B.N., & Cleary, A.M. (November, 2023). Familiarity-Detection from Partially Occluded Faces: Do Separate Exposures to Different Facial Parts Combinedly Increase Familiarity with a Whole Face? Poster presented at the Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Huebert, A.M., & Cleary, A.M. (November, 2023). Letter Matching in Word Familiarity: Comparing Slot Specific, Relative Position, and Overlap Coding Approaches. Poster presented at the Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Castillon, I., Venkatesha, V., Cleary.A.M., & Blanchard, N. (November, 2023). Identifying Déjà vu: An Automatic Approach using Eye Gaze Features. Paper presented at the 53<sup>rd</sup> Annual Meeting of the Society for Computation in Psychology (SCiP), San Francisco, CA.
- Castillon, I., Venkatesha, V., Caglar, T., Liu, Y., Cleary, A.M. & Blanchard, N. (September, 2023). Predicting the Occurrence of Déjà vu using Eye Features. Tapia Conference. Dallas, TX.
- Okada, N.S., McNeely-White, K. L., Cleary, A.M. Drane, D. L., Parsons, T.D., McMahan, F. Neisser, J. Pedersen, N.P. (November, 2022). A Virtual Reality Paradigm with Scene Stimuli for use in Memory Research. Paper presented at the 52<sup>nd</sup> Annual Meeting of the Society for Computation in Psychology (SCiP), Boston, MA.

McNeely-White, K.L., & Cleary, A.M. (November, 2022). The Association Between Déjà vu-like States and Curiosity. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.

\*Huebert, A.M., & Cleary, A.M. (November, 2022). I Want to Know why this Feels Familiar: Can Cue Familiarity Prompt Curiosity and Information Seeking? Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.

\*Carlaw, B. N., & Cleary, A.M. (November, 2022). Detecting a Familiar Person Behind the Surgical Mask: Recognition without Identification Among Masked vs. Sunglass-covered Faces. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.

Okada, N.S., McNeely-White, K.L., McMahan, T., Parsons, T., Neisser, J., Drane, D., Pedersen, N.P., Cleary, A.M. (November, 2022). Modern Immersive Virtual Reality Paradigm to Investigate Feelings of Familiarity and Déjà vu. Poster presented at the Annual Meeting of the Society for Neuroscience (SfN), San Diego, CA.

Cleary, A.M., & Okada, N. (April, 2022). Spatial Familiarity-detection and its Relation to Déjà vu and Feelings of Prediction. Talk given in person at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Mobile, AL.

Cleary, A.M., \*McNeely-White, K.L., & \*Huebert, A.M. (December, 2020). The Role of the Subjective Sensation of Familiarity in Feelings of Prediction. Talk given at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Louisville, KY (postponed from March, 2020, and held virtually in December).

Okada, N.S, Cuevas, R.C., Hewitt, K.C., Shade, T., Neisser, J., Drane, D.L., Cleary, A.M. & Pederson, N. P. (December, 2020). A Virtual Reality Framework to Study the Neural Correlates of Déjà vu. Poster presented at the Annual Meeting of the American Epilepsy Society (AES),  
[https://www.aesnet.org/meetings\\_events/annual\\_meeting\\_abstracts/view/2422937](https://www.aesnet.org/meetings_events/annual_meeting_abstracts/view/2422937)

\*Huebert, A.M., \*McNeely-White, K.L., & Cleary, A.M. (November, 2020). Illusory First Letter Partial Recollection During Tip of the Tongue States. Poster presented at the Annual Meeting of the Psychonomic Society, Austin, TX (held virtually).

\*McNeely-White, K.L., \*Huebert, A.M., & Cleary, A.M. (November, 2020). How Features Interact Across Memory Traces to Produce Familiarity-based Recognition. Poster presented at the Annual Meeting of the Psychonomic Society, Austin, TX (held virtually).

Cleary, A.M., \*Huebert, A.M. & \*McNeely-White, K.L. (November, 2019). The Déjà vu Phenomenon: A Window into the Role of Familiarity in Cognitive Bias. Talk given at the Annual Meeting of the Psychonomic Society in *Symposium I: What Memory Quirks, Hiccups, and Odd Phenomena Tell Us*, Montreal, Quebec. Recording available for viewing here: <https://www.youtube.com/watch?v=RHD2nPuXBVo&feature=youtu.be>

\*Huebert, A.M. & Cleary, A.M. (November, 2019). Differential Feature Weighting in Word Familiarity: Implications for Formal Models of Familiarity. Poster presented at the Annual Meeting of the Psychonomic Society, Montreal, Quebec.

- \*McNeely-White, K.L. & Cleary, A.M. (November, 2019). Haven't I Heard This Before? The Mechanism and Bias of Déjà Entendu. Poster presented at the Annual Meeting of the Psychonomic Society, Montreal, Quebec.
- Cleary, A.M., \*Huebert, A.M. & \*McNeely-White, K.L. (June, 2019). The Déjà vu Phenomenon's Entry into the Realm of Science. Talk given at *Memory Quirks: The Study of Odd Phenomena in Memory*, Fort Collins, CO.
- \*Dawson, J., \*Russell, S., \*Kerr, J.E., \*McNeely-White, K.L. & Cleary, A.M. (April, 2019). The Use of Smartwatches to Encourage Effective Study Habits. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- \*Kerr, J.E., \*Hughes, E., \*McNeely-White, K.L., & Cleary, A.M. (April, 2019). Embedding Familiarized Musical Features into Novel Song Sequences. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- Cleary, A.M. (March, 2019). *Déjà vu's Strange Association with Feelings of Prediction and Postdiction*. Talk given as part of an invited symposium on déjà vu and related phenomena at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Cincinnati, OH.
- Cleary, A.M., \*Huebert, A.M., & \*McNeely-White, K.L. (November, 2018). *A hindsight bias associated with the illusory sense of prediction during déjà vu*. Talk given at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Ryals, A.J., Reynolds, B., Patton, C., & Cleary, A.M. (November, 2018). *Pupil dilation suggests a role of autonomic arousal in tip-of-the-tongue state phenomenology*. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- \*McNeely-White, K.L. & Cleary, A.M. (November, 2018). *Embedding familiarized rhythms or pitch sequences in musical pieces increases subjective song familiarity*. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- \*Huebert, A.M., \*McNeely-White, K.L. & Cleary, A.M. (November, 2018). *Familiarity Increases Recollection Confidence but not Recollection Accuracy*. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Cleary, A.M. & Rhodes, M.R. (November, 2018). *The Science of Learning Initiative at Colorado State University*. Talk presented at the 2018 Reinvention Collaborative National Conference, Arlington, VA.
- \*McNeely-White, K.L., \*Huebert, A.M., & Cleary, A.M. (April, 2018). *Irrational Feelings of Prediction During Tip-of-the-tongue States*. Talk presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.

- \*Huebert, A.M., \*McNeely-White, K.L. & Cleary, A.M. (April, 2018). *Item Familiarity Can Create Illusions of Source Recollection: Evidence from Recognition without Cued Recall*. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- \*Russell, S. & Cleary, A.M. (April, 2018). *A Tip-of-the-tongue State Bias in High Risk Testing Situations*. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- \*Kerr, J.E., \*Morley, G.F., \*Wu, Y., \*McNeely-White, K.L., \*Huebert, A.M. & Cleary, A.M. (April, 2018). *Tip-of-the-tongue States Confer a Feeling of Knowing the Direction of an Arrow*. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- \*Parsons, R.A., \*Shock, S.P., \*Xu, Y., \*Huebert, A.M., \*McNeely-White, K.L. & Cleary, A.M. (April, 2018). Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (RMPA), Denver, CO.
- Cleary, A.M., \*Hausman, H., Rhodes, M.G., Folkestad, J. E. (April, 2018). *Wearable Technology for Implementing Spaced Testing to Enhance Learning in Real-world Contexts*. Poster presented at the APA Technology, Mind and Society conference, Washington DC.
- Cleary, A.M., & \*Claxton, A.B. (November, 2017). *Déjà vu: An illusion of prediction*. Talk given at the Annual Meeting of the Psychonomic Society, Vancouver, BC.
- Cleary, A.M., & \*Claxton, A.B. (November, 2016). *The Biasing Nature of the Tip-of-the-Tongue Experience: How Decisions Bias in the Glow of Tip-of-the-Tongue States*. Talk given at the Annual Meeting of the Psychonomic Society, Boston, MA.
- \*\*Freud, P., \*\*Beirise, K., \*\*Michael, K., \*Claxton, A.B., Cleary, A.M. (August, 2016) *A Comparison of Selection Methods for Restudying Information: EEG Versus Participant Selection*. Poster session at APA (Denver, CO)
- \*\*Freud, P., \*\*Beirise, K., \*\*Michael, K., \*Claxton, A.B., Cleary, A.M. (April, 2016) *A Comparison of Selection Methods for Restudying Information: EEG Versus Participant Selection*. Poster session at RMPA (Denver, CO)
- \*\*Elatova, A., \*\*Freud, P., \*\*Visani, G., \*\*Miller, J., \*\*Michael, K., \*Staley, S., \*Claxton, A.B., Cleary, A.M. (April, 2016) *How Tip-of-the-Tongue States Bias Decisions about Faces of People whose Names cannot be Retrieved*. Poster session at RMPA (Denver, CO)
- \*Claxton, A.B. & Cleary, A.M. (November, 2015). *The Tip-of-the-Tongue Heuristic: Inferring Partial Word Attributes from the Mere Presence of a Tip-of-the-Tongue State*. Poster presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.
- \*Staley, S.R. & Cleary, A.M. (November, 2015). *The tip-of-the-tongue (TOT) heuristic: Inferring from TOT states that unretrieved targets have higher value and more positive attributes*. Poster presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.

- \*Claxton, A.B., Veane, A. & Cleary, A.M. (March, 2015). Is survival processing a “deeper” level of processing? Poster presented at the inaugural International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands.
- \*Claxton, A.B. & Cleary, A.M. (November, 2014). The Tip-of-the-Tongue Heuristic: Inferring Characteristics of Unretrieved Words From the Presence of a Tip-of-the-tongue State. Poster presented at the Annual Meeting of the Psychonomic Society, Long Beach, CA.
- \*Staley, S.R. & Cleary, A.M. (May, 2014). The Sense of Novelty: Is Novelty the Inverse of Familiarity? Poster presented at the annual meeting of the Association for Psychological Science (APS), San Francisco, CA.
- \*Claxton, A.B., Cleary, A.M., Seger, C.A., & Thaut, M.H. (April, 2014). The Neural Response to Isolated Tonal and Rhythmic Features from Familiar Songs When Retrieval Fails. Poster presented at the annual meeting of the Cognitive Neuroscience Society (CNS), Boston, MA.
- \*Claxton, A.B., & Cleary, A.M. (April, 2014). Desirable Difficulty: Shades of Gray. Poster presented at the annual meeting of the Rocky Mountain Psychological Association (RMPA). Salt Lake City, UT.
- \*Klein, K., & Cleary, A.M. (November, 2012). Suppression Effects in the Think/No-Think Paradigm: Fast vs. Slow Responders. Poster presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- \*Ryals, A.J., Cleary, A.M., & Seger, C.A. (November, 2012). An Investigation into the Nature of Partial Recollection. Poster presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- \*Staley, S.R., \*Ryals, A.J., \*\*Leonard, S.J., \*\*Cowen, M.J., \*\*Maher, W.J., \*\*Hawkins, T.J., & Cleary, Anne. M. (October, 2012). ERP Correlates of Recognition without Identification Across Real-World Visual Stimuli. Poster presented at the Annual Meeting of the Society for Neuroscience (SfN), New Orleans, LA.
- \*Klein, K., \*\*Matson, D., \*\*Moyers, R., & Cleary, A.M. (May, 2012). Support for the Single-element Theory of Déjà vu: A Virtual Reality Investigation. Poster presented at the Annual Convention of the Association for Psychological Science (APS), Chicago, IL.
- \*Ryals, A.J., \*Staley, S.R., \*\*Hawkins, T.J., \*\*Dreith, F.G., & Cleary, A.M. (May, 2012). Face Recognition without Identification: An ERP Investigation. Poster presented at the Annual Convention of the Association for Psychological Science (APS), Chicago, IL.
- \*Ryals, A.J., & Cleary, A. M. (November, 2011). The Recognition without Cued Recall Phenomenon: Support for A Feature-Matching Theory. Poster presented at the Annual Meeting of the Psychonomic Society, Seattle, WA.
- \*Kostic, B. & Cleary, A. M. (November, 2011). The Use of Aphorisms to Produce Feelings of Familiarity in Recognition. Poster presented at the Annual Meeting of the Psychonomic Society, Seattle, WA.

- \*Ryals, A. J., Cleary, A. M., & Seger, C. A. (April, 2011). Recollection and Familiarity for Words and Scenes: Shared and Independent Neural Components. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA.
- \*Ryals, A.J., Cleary, A.M., & \*Reimers, B.H. (January, 2011). Evidence for Suppression of Emotional Words Using Independent Nonword Cues. Poster presented at the Annual Meeting of the Center for Determinants of Executive Function and Dysfunction (DEFD), Boulder, CO.
- \*Ryals, A. J., \*\*Sawyer, B.D., Nomi, J. S., Cleary, A. M., & Brown, A. S. (2010, November). Eliciting Déjà vu Using Virtual Reality: Support for the Gestalt Familiarity Hypothesis. Poster presented at the Annual Meeting of the Psychonomic Society, St. Louis, MO.
- \*Kostic, B., & Cleary, A. M. (2010, November). Recognition Processes in a Change Detection Task. Poster presented at the Annual Meeting of the Psychonomic Society, St. Louis, MO.
- \*Nomi, J. S., & Cleary, A. M. (2010, November). Recognition without Identification and the Feeling of Knowing: A Comparison of Retrospective and Prospective Recognition Judgments for Inaccessible Targets. Paper presented at the Bi-Annual Meeting of the International Association for Metacognition (IAM), St. Louis, MO.
- \*Ryals, A. J. & Cleary, A. M. (2010, May). The Role of Emotion in Recognition with and without Cued Recall. Poster presented at the Annual Convention of the Association for Psychological Science, Boston, MA.
- \*\*Bennion, K.A., \*Nomi, J. S., & Cleary, A. M. (2010, May). The Configuration Hypothesis of Familiarity and Déjà vu. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL
- \*\*McFarlan, C., \*Kostic, B., & Cleary, A.M. (2010, May). Extensions of the Survival Advantage in Memory. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*Nomi, J. S., & Cleary, A. M. (2010, May). Recognition without Identification (RWI) and Feeling of Knowing (FOK): A comparison of Retrospective and Prospective Familiarity Judgments. Paper presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*Ryals, A. J., \*\*Pichardo, F., \*Lopez-Paniagua, D., Cleary, A.M., & Seger, C. A. (2010, April). Functional Magnetic Resonance (fMRI) Correlates of Recognition without Cued Recall. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, Montreal, QU.
- \*\*Mestas, S. L., \*Ryals, R. J., & Cleary, A. M. (2010, April). Eyewitness Memory in a Virtual Reality Environment: A Demonstration of the Own-Race Bias. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association, Denver, CO.
- \*\*Bennion, K. A., \*Nomi, J. S. & Cleary, A. M. (2010, April). The Configural-Similarity Hypothesis of Déjà vu. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association, Denver, CO.

- \*Kostic, B. & Cleary, A. M. (2009, November). Analogical Resemblance Can Cue Recognition Without Recall of Source Analogies. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
- \*\*Konkel, K. E., \*Nomi, J. S., Cleary, A. M. (2009, May). A Whiff of Familiarity: Odor Recognition without Identification. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*\*Williams, F. A., \*Ryals, A. J., \*Nomi, J. S., \*Yadon, C. A., Cleary, A. M. (2009, May). ERP Correlates of Recognition without Identification. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*\*Booth, S. E., Kostic, B., & Cleary, A. M. (2009, May). The Use of Aphorisms to Provoke Feelings of Familiarity in Recognition. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Cleary, A. M., \*Ryals, A. J., \*Yadon, C. A., \*Nomi, J. S., \*\*Williams, F., \*\*Krawzof, M., \*\*Boreson, C., & \*\*Rooney, J. (2009, March). Brain Electrophysiological Correlates of Recognition without Identification. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- \*Ryals, A. J., Nomi, J. S., & Cleary, A. M. (2008, November). Relating Recognition without Identification and Déjà vu. Poster presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.
- \*Kostic, B., \*\*Miller, S. \*\*Anonymous, S. S., \*Ryals, A. & Cleary, A. M. (2008, May). Recognition Memory for Analogies. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*Nomi, J. & Cleary, A. M. (2008, May). Recognition Memory for Proper vs. Non-proper Names. Paper presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- \*\*Harrison, T. & Cleary, A. M. (2008, April). Getting an Earful. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Boise, ID.
- \*\*Jason, D. & Cleary, A. M. (2008, April). Can People See Music?. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Boise, ID.
- \*\*Pala, A. & Cleary, A. M. (2008, April). Prime Familiarity Affects Judgments of Prime-Target Relatedness. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Boise, ID.
- \*\*Eslick, A. N., & Cleary, A. M. (2007, November). True and False Memory for Color Information. Poster presented at the Annual Meeting of the Psychonomic Society. Long Beach, CA.
- \*Kostic, B. & Cleary, A. M. (2007, November). Recognition without Identification of Songs. Poster presented at the Annual Meeting of the Psychonomic Society. Long Beach, CA.

- \*Kostic, B. & Cleary, A. M. (2007, August). The role of Modality in Attributions of Perceptual Fluency. Poster presented at the Annual Convention of the American Psychological Association. San Francisco, CA.
- Cleary, A. M., Morris, A. L., & \*Langley, M. M. (2007, July). Recognition Memory for Novel Stimuli: The Structural Regularity Hypothesis. Paper presented at the Joint Meeting of the Psychonomic Society and the UK Experimental Psychology Society. Edinburgh, Scotland.
- \*\*Eslick, A. N., & Cleary, A. M. (2007, May). True and False Memory for Color Names versus Actual Colors: Support for the Visual Distinctiveness Heuristic in Memory for Color Information. Poster presented at the Annual Meeting of the Association for Psychological Science. Washington, DC.
- Cleary, A. M., \*\*Owen, H., & \*\*Beyer, J. (2007, May). Recognition without Identification across Different Modalities. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*Kostic, B. & Cleary, A. M. (2007, May). Recognition without Identification of Songs. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*\*Reyes, N.L. & Cleary, A. M. (2007, May). Recognizing Famous Landscapes without Identifying Them. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M., \*\*Owen, H., & \*\*Beyer, J. (2007, May). Recognition without Identification across Different Modalities. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Denver, CO.
- \*Kostic, B. & Cleary, A. M. (2007, April). Recognition without Identification of Songs. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Denver, CO.
- \*\*Reyes, N.L. & Cleary, A. M. (2007, April). Recognizing Famous Landscapes without Identifying Them. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association. Denver, CO.
- \*\*Eslick, A. N., & Cleary, A. M. (2007, March). True and False Memory for Color Names versus Actual Colors: Support for the Visual Distinctiveness Heuristic in Memory for Color Information. Poster presented at the Annual Meeting of the North Carolina Cognition Group. Chapel Hill, NC.
- Cleary, A. M. & Dark, V. J. (2006, November). A Role of Semantic Activation in Familiarity-based Recognition. Poster presented at the Annual Meeting of the Psychonomic Society. Houston, TX.
- Cleary, A. M., Dark, V. J. & \*\*Sampson, K. (2006, May). Detecting Prime-Target Relatedness without Target Identification. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.

- Cleary, A. M., \*Langley, M. M. & \*\*Mapel, G. (2006, May). Recognition without Cued Recall on Forced-Choice Tests. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M. & \*\*Specker, L. E. (2006, May). Recognition without Face Identification. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M. & \*\*Winfield, M. (2006, May). Auditory Recognition without Identification. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*\*Eslick, A. A., \*Kostic, B., & Cleary, A. M. (2006, May). False Memory for Color Information. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*Langley, M. M. & Cleary, A. M. (2006, May). On the  $\sqrt{2}$  Assumption in Comparing Yes-No and Forced-Choice Recognition. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL
- Morris, A. L., \*\*Mitchell, D., \*\*Stubbe, N. & Cleary, A. M. (2006, April). Electrodermal Measures of Face Recognition. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society. San Francisco, CA.
- Cleary, A. M., (2005, November). The Recognition without Cued Recall Phenomenon: Familiarity-based Recognition?. Poster presented at the Annual Meeting of the Psychonomic Society. Toronto, ON.
- Morris, A. L., Cleary, A. M., & Still, M. L. (2005, November). Electrodermal Recognition Without Identification: A Relation Between the Autonomic Response and Familiarity-Based Recognition? Poster presented at the Annual Meeting of Psychonomic Society, Toronto, ON.
- \*\*Jackson, J. C., \*Woods, J. A., & Cleary, A. M. (2005, May). Exploring the Recognition without Cued Recall Effect. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*Langley, M. M. & Cleary, A.M. (2005, May). Is a Perceptual Match Necessary to the Recognition of Unidentifiable Pictures? Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*\*Lisazo, M., \*\*Johnson, H. M., \*\*Niemeyer, K.R., & Cleary, A.M. (2005, May). Inherent Stimulus Properties and Recognition Memory. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*\*Williams, J. M., \*\*Lyon, K.R., & \*\*Burt, M. R., & Cleary, A. M. (2005, May). Exploring the Generality of the "Hension" Effect. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.

- Morris, A. L., Cleary, A. M., & Still, M.L. (2005, April). Electrodermal Recognition without Identification: A Relation Between the Autonomic Response and Familiarity-based Recognition? Poster presented at the Annual Meeting of the Cognitive Neuroscience Society. New York, NY.
- Cleary, A. M. (2004, November). Semantic-Memory-Based Recognition without Identification. Poster presented at the meeting of the Psychonomic Society. Minneapolis, MN.
- \*\*Brower, J. L., \*\* Albertson, A. K., & Cleary, A. M. (2004, May). The Role of Geon Information in Episodic Picture Recognition. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*Langley, M. M. \*\*Woods, J. & Cleary, A. M. (2004, May). Recognition without Perceptual Identification of Masked Pictures. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- \*\*McCoy, E. D., \*\*Eakman, Z. R., & Cleary, A. M. (2004, May). Memory for the Syntactic Structure of Sentences. Poster presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M., \*Seiler, K. R., & \*Langley, M. M. (2003, November). Recognition without picture identification. Poster presented at the meeting of the Psychonomic Society. Vancouver, BC.
- \*Seiler, K. R. & Cleary, A. M. (2003, May). Remembering without knowing what is being remembered. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M. (2002, November). Recognition in the absence of cued recall. Poster presented at the meeting of the Psychonomic Society. Kansas City, MO.
- Cleary, A. M. (2002, May). The recognition of unidentifiable pictures. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M., & Greene, R. L. (2001, May). The information used to recognize unidentified word fragments. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M., & Greene, R. L. (2000, November). True and false memory without perceptual identification. Poster presented at the meeting of the Psychonomic Society. New Orleans, LA.
- Cleary, A. M., & Greene, R. L. (2000, May). Memory in the absence of identification. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
- Cleary, A. M., & Greene, R. L. (1999, April). Recognition of detailed information. Paper presented at the Annual Meeting of the Midwestern Psychological Association. Chicago, IL.

Cleary, A. M., Murphy, H. M., & Wideman, C. H. (1997, April). The role of vasopressin in taste preferences for artificial sweeteners. Paper presented at the Eastern Colleges Science Conference. Hartford, CT.

## Teaching Experience

- Spring, 2025: Seminar on Internal Attention (graduate, Colorado State University)
- Summer, 2020: Developed an online version of the course Science of Learning (PSY 152) for *CSU Online*.
- Spring, 2016 - present: Science of Learning: An AUCC (all-university course) 100-level (PSY 152) course on applying the Science of Learning to Study Skills.
- Spring, 2018: Developed a one credit study skills recitation and corresponding “how-to manual” to accompany Psychology Majors’ Human Physiology (BMS 300) course. The recitation is aimed at teaching students to apply principles from the science of learning in specific ways to their Human Physiology (BMS 300) course. It was offered every semester 2018-2023.
- Fall, 2015: Graduate seminar: Psychology's New Frontier: Mobile Sensor Technologies for Investigating Cognitive, Neural, Behavioral & Social Processes in Real Life
- Fall, 2011, 2012 First-Year Seminar on Memory Research Applied to Study Skills. This seminar formed the basis of the later All University Core Course (AUCC) Science of Learning (PSY 152).
- Spring, 2009 & Fall, 2010, 2018, 2021 Seminar on Current Issues in Human Memory Research, (graduate, Colorado State University)
- Fall 2007, 2009, 2017, Spring 2021, Fall 2023 Cognitive Processes (graduate, Colorado State University)
- Fall 2006 – Present Cognitive Psychology (undergraduate, Colorado State University)
- Spring 2005 Research Methods in Psychology (undergraduate, Iowa State University)
- Fall 2003 & Spring 2006 Advanced Cognition (graduate, Iowa State University)
- Fall 2001- Spring 2006 Cognitive Processes (undergraduate, Iowa State University)
- Spring 2001 Cognitive Psychology (undergraduate, Case Western Reserve University)
- Fall 1999 Cognitive Psychology (undergraduate, Notre Dame College of Ohio)

## **Professional Affiliations:**

Fellow, American Psychological Association (Division 3)  
Fellow, Association for Psychological Science (APS)  
Fellow, Psychonomic Society  
Charter Fellow of the Midwestern Psychological Association (MPA)  
Affiliate Faculty Member, The Data Science Research Institution at CSU  
Member of the Cognitive Neuroscience Society (CNS)  
Member of IAM (International Association for Metacognition).  
Member of the Molecular, Cellular and Integrative Neuroscience Group (MCIN) at CSU  
Member of the Rocky Mountain Psychological Association (RMPA)  
Member of Women in Cognitive Science + (WICS+)  
Member of the Southern Society for Philosophy and Psychology (SSPP)  
Member of SPARK Society <https://www.sparkociety.org/>

## **Editorial Activities:**

Associate Editor: *Journal of Memory and Language* (January, 2019 - 2022)

Co-Editor: *Technology, Mind and Behavior* Special Issue on Understanding Involuntary Thought and Affect through Big Data and AI (November 2023 – June 2024).

### Editorial Boards:

Journal of Experimental Psychology: Learning, Memory, and Cognition (2012 – present)  
Cyberpsychology, Behavior, and Social Networking (2025 – present)  
Journal of Memory and Language (2012 – 2015)

### Ad hoc Reviewing:

Acta Psychologica  
Aging, Neuropsychology and Cognition  
American Journal of Psychology  
Animal Behavior & Cognition  
APA Dissertation Awards  
Attention, Perception & Psychophysics  
British Journal of Psychology  
Canadian Journal of Experimental Psychology  
Chemosensory Perception  
Cognition  
Cognitive, Affective, and Behavioral Neuroscience  
Experimental Psychology  
Journal of Cognitive Psychology  
Journal of Educational Psychology  
Journal of Experimental Psychology: General  
Journal of Experimental Psychology: Learning, Memory, and Cognition  
Journal of Memory and Language  
Journal of Personality  
Language and Cognitive Processes  
Memory  
Memory & Cognition  
National Science Foundation  
Natural Sciences and Engineering Research Council of Canada (NSERC)

Nature Human Behaviour  
Neuropsychologia  
Neuroscience  
PLOS ONE  
Psychological Bulletin  
Psychological Science  
Psychology and Aging  
Psychonomic Bulletin & Review  
Quarterly Journal of Experimental Psychology  
Sage Publications  
Spanish Journal of Psychology  
The Journal of Neuroscience

## Conference Organizing Activities & Selected Outreach:

**March, 2019:** Organized a symposium on déjà vu at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Cincinnati, OH.

**June 17-20, 2019:** Organized and hosted an international conference, *Perceptual and Cognitive Illusions: Quirks of our Everyday Experience*, on the campus of Colorado State University in Fort Collins, CO, from June 17-20, 2019.

**June 30, 2019: *BrainFest!*** Organized and hosted a science fair called *BrainFest* that was free and open to the public on the campus of Colorado State University. Multiple stations exhibited hands-on activities developed by CSU cognitive psychology and neuroscience graduate students and faculty, and all demonstrated various perceptual and cognitive illusions and their neural basis.

**November, 2019:** Co-organized a symposium, *What Memory Quirks, Hiccups and Odd Phenomena Tell Us*, at the Annual Meeting of the Psychonomic Society, Montreal, Quebec.

**June, 2019:** Videos on Science of Learning Applied to Studying: <https://tilt.colostate.edu/SOL>

**December, 2020:** Organized a symposium entitled, “Conscious Memory Experience, Experiences of Premonition, and the Medial Temporal Lobe,” at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Louisville, KY (postponed from March and held virtually on Zoom in December).

**March/April 2022:** Organized a symposium, *Toward an Understanding of Medial Temporal Lobe Contributions to Memory and Subjective Experience* at the Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP), Mobile, AL.

**November, 2023:** Participated in person in a panel called “Prioritizing Your Visibility” at the 2023 Annual WICS+ Workshop, San Francisco, CA.

**November, 2025:** Organized an accepted symposium, *How can Cognitive Psychologists Ease the Spread of Misinformation and Boost the Spread of Accurate Information in Education?* for the Annual Meeting of the Psychonomic Society, Denver, CO.

## Departmental/College/University Service:

- 2001: Cognitive Psychology Search Committee
- 2002: Executive Committee, Study of Violence Search Committee
- 2003: Faculty Enhancement Committee
- 2004: Committee for Evaluating Research, Teaching and Service (CERTS), Counseling Psychology Search Committee, Faculty Enhancement Committee
- 2005: Department Chair Search Committee, Committee for Evaluating Research, Teaching and Service (CERTS), Cognitive Psychology Search Committee, Faculty Enhancement Committee, Planning Committee for the Martin E. Fritz Lecture Series.
- 2006: I/O Search Committee at CSU, Research Participation Pool Committee
- 2007: Graduate Curriculum Committee, Research Participation Pool Committee
- 2008: Chair of the Psychology New Building Committee. Graduate Curriculum Committee, Research Participation Pool Committee
- 2009: Chair of the Psychology New Building Committee, Chair of P&T 3<sup>rd</sup> Year Review Subcommittee, Member of P&T Tenure Review Subcommittee
- 2010: Chair of the Psychology Behavioral Sciences Building Committee, Member of P&T Tenure Review Subcommittee, Member of the College of Natural Sciences Dean Search Committee
- 2011: Chair of the Graduate Admissions Committee for the Cognitive Psychology Program, Member of the Psychology Department Strategic Planning Committee
- 2012: I/O Search Committee at CSU, Cognitive Psychology weekly brownbag coordinator, Cognitive Psychology Program Strategic Planning
- 2013-2015: Away serving as a Program Director at NSF
- 2015: Cognitive Psychology Program Graduate Admissions
- 2016: CSU Virtual Reality Hackathon Committee, Faculty Search Committee for the Department of Design & Merchandising
- 2015-2019: Cognitive Psychology Program Coordinator
- 2015-**present**: Psychology Department Tech-fee Committee member
- 2018-2019: I/O Search Committee member
- 2019: Cognitive Psychology Graduate Admissions committee
- 2018-2019: Departmental Action Team (DAT) for Psychology
- 2018-**present**: Richardson Design Center Core Faculty
- 2018-**present**: Classroom Review Board, Colorado State University
- 2019-2022: CSU Faculty Representative to Unizin
- 2020: Cognitive Psychology Graduate Admissions committee
- 2021: Cognitive Psychology Graduate Admissions committee
- 2022: Cognitive Psychology Graduate Admissions committee
- 2021-2022: Faculty Search Committee for the Department of Computer Science
- 2021-**present**: College of Natural Sciences representative on the Committee on Faculty Governance
- 2022-**present**: Elected member of the Department of Psychology Executive Committee
- 2023: Chair of the Cognitive Psychology Graduate Admissions Committee
- 2023-2024: Chair of the Cognitive Psychology Search Committee
- 2023-**present**: Chair of the Psychology Department Executive Committee
- 2024-2025: Member of the Counseling/Clinical Psychology Search Committee
- 2026: Chair of a P&T subcommittee, CSU Learning Innovation taskforce member

## Other Service:

2006 MPA Moderator  
2007 MPA Moderator  
2007 APA Division 3 Program Committee Chair  
2009-present: Webmaster/Listserv manager for APA Division 3  
2010-2013: Member-at-large, APA Division 3 Executive Committee  
2013-2015: Program Director, National Science Foundation (Perception, Action & Cognition Program in the Division of Behavioral and Cognitive Sciences)  
2015: Convention Program Chair, APA Division 3 (Society for Experimental Psychology and Cognitive Science), President-elect, APA Division 3  
2016: President-elect then President, APA Division 3 (Society for Experimental Psychology and Cognitive Science; Convention Program Chair, APA Division 3, President-elect, Southern Society for Philosophy and Psychology)  
2017: President, APA Division 3 (Society for Experimental Psychology and Cognitive Science).  
2017-2018: President, Southern Society for Philosophy and Psychology (SSPP)  
2020-2025: Elected Division 3 Representative to APA Council of Representatives  
2025-2026: AI and Learning Innovation Strategies working groups  
2026-2029: Elected Member of the APA Board of Scientific Affairs

## Selected Press & Media:

Blogger for *Psychology Today*: “Quirks of Memory” <http://www.psychologytoday.com/blog/quirks-memory>  
2008 *Science Daily* <http://www.sciencedaily.com/releases/2008/11/081118122146.htm>  
2008 *Popular Science* <http://www.popsci.com/scitech/article/2008-11/explaining-why-its-not-just-d%C3%A9j%C3%A0-vu-all-over-again>  
2010 *Psychology Today* <http://www.psychologytoday.com/blog/ulterior-motives/201001/what-is-d-j-vu>  
2011 *MSNBC's The Body Odd* [http://bodyodd.nbcnews.com/\\_news/2011/08/16/7356519-wait-havent-i-read-this-before-the-science-of-deja-vu?lite](http://bodyodd.nbcnews.com/_news/2011/08/16/7356519-wait-havent-i-read-this-before-the-science-of-deja-vu?lite)  
2012 *You Beauty* <http://www.youbeauty.com/mind/deja-vu>  
2012 *Scientific American* <http://www.scientificamerican.com/article.cfm?id=deja-vu-found-originate-similar-scenes>  
2012 *Scientific American MIND*, “Similar Scenes Spark Déjà vu” **23**, 17 (2012)  
Published online: 2 August 2012 | doi:10.1038/scientificamericanmind0912-17a  
2013 *Bild der Wissenschaft*, “Déjà vu in 3D” 4-2013, pp. 80-82.  
2013 *Fox News Magazine*  
<http://magazine.foxnews.com/food-wellness/understanding-d%C3%A9j%C3%A0-vu-experts-explain-cognitive-phenomenon>  
2013 *Smithsonian Magazine*  
<http://blogs.smithsonianmag.com/science/2013/07/wait-have-i-been-here-before-the-curious-case-of-deja-vu/>  
2015: BBC World Service's *The Forum*, episode on déjà vu:  
<http://www.bbc.co.uk/programmes/p02ml66v>  
2016: CNN: No, You Haven't Read This Déjà vu Story Before, January 8, 2016  
<http://www.cnn.com/2016/01/08/health/deja-vu/index.html>  
2017: TED Ideas: “How One Researcher is Studying that Tingly, Unmistakable and Unsettling Phenomenon Known as Déjà vu.” <http://ideas.ted.com/tag/anne-clearly/>  
2018: Déjà vu and feelings of prediction: They're just feelings.  
<https://natsci.source.colostate.edu/deja-vu-feelings-prediction-theyre-just-feelings/>  
2018: Déjà vu May Feel Like a Premonition, but It's Not  
<https://www.psychologicalscience.org/news/releases/deja-vu-may-feel-like-a-premonition-but-its-not.html>  
2018: 21 news outlets picked up on “Déjà vu: An illusion of prediction” article.  
2018: Radio interview on why learning is not intuitive, the Lisa Valentine Clark show on BYUradio.  
<https://www.byuradio.org/episode/c28d1167-e6b1-47b9-9778-cc0b5079edaa?playhead=3224&autoplay=true>  
2018: Chronicle of Higher Education: <https://www.chronicle.com/article/How-One-University-Uses/245265>  
2019: Podcast on The Science of Learning for *Evidence-based Education*:

- <https://evidencebased.education/the-science-of-learning/>
- 2019: Interview on a *Brains On!* podcast on Memory and Déjà vu  
<https://www.brainson.org/shows/2019/02/12/memory-and-deja-vu>
- 2019: Episode 2, “The Science of Learning with Anne Cleary” on the Reinventing U podcast:  
<https://reinventingu.podbean.com/e/the-science-of-learning-with-anne-cleary-professor-of-psychology/>
- 2019: Wisconsin Public Radio, *Déjà vu for your Ears* <https://www.wpr.org/déjà-vu-your-ears>
- 2019: Rocky Mountain Collegian, ‘*Déjà vu and Other Strange Memory Experiences*’ Highlights Psychological Phenomena (This is a local newspaper review of a talk that I gave to the public): <https://collegian.com/2019/07/category-arts-and-culture-deja-vu-and-other-strange-memory-experiences-highlights-psychological-phenomena/>
- 2020: Interviewed on “Colorado Matters” (Colorado Public Radio) about déjà vu on January 7.
- 2020: A research study was featured on the Psychonomic Society’s Learning and Memory blog by Dr. Laura Mickes: “Déjà vu Links to the Future” on January 22, 2020.  
<https://featuredcontent.psychonomic.org/deja-vu-links-to-the-future/>
- 2020: Was interviewed for, and research was featured on, BBC Reel’s “Could Déjà vu Be a Window into a Parallel Universe?” February 7, 2020.  
<https://www.bbc.com/reel/playlist/mind-control?vpid=p081y2r0>
- 2020: Appeared on the History Channel’s *The UnXplained* (Season 1, Episode 10, aired March 7, 2020)
- 2020: Appear in a “Super Cool Scientist” section of the children’s book, *Brains On! Presents . . . It’s Alive: From Neurons and Narwhals to the Fungus Among Us*  
<https://www.amazon.com/Brains-Presents-Its-Alive-Narwhals/dp/0316428299>
- 2020: Research is featured in a section called “What Is Déjà vu?” on p. 21 of National Geographic Memory: What it Is, How it Works, and Ways you Can Improve It. Single Issue Magazine, November 12, 2020.
- 2021: Interviewed for (and research is featured in an episode of) BBC’s “Deeply Human” podcast called “Déjà vu.”
- 2021: Interviewed for an article for *Discover Magazine* that appeared June 18, 2021:  
<https://www.discovermagazine.com/mind/whats-really-happening-when-you-experience-deja-vu>
- 2021: Interview with Mike Carruthers on the podcast *Something You Should Know*, discussing the topic of déjà vu. <https://podcasts.apple.com/us/podcast/something-you-should-know/id1150124880?i=1000540351916>
- 2021: Interviewed for a piece in *Cosmos Magazine* on déjà vu entitled “Premonition, Seizures and Memory: The Strange Phenomenon of Déjà vu.”  
<https://cosmosmagazine.com/health/body-and-mind/science-of-deja-vu/>
- 2021: Interviewed for an ESPN piece entitled, “Is Momentum Real? An In-Depth Investigation of Sports’ Most Overused Term.”  
[https://www.espn.com/college-football/story/\\_/id/32910904/is-momentum-real-depth-investigation-sports-most-overused-term](https://www.espn.com/college-football/story/_/id/32910904/is-momentum-real-depth-investigation-sports-most-overused-term)
- 2022: Interviewed for a piece in *The Chronicle of Higher Education* called “Why the Science of Teaching is Often Ignored.”  
<https://www.chronicle.com/article/why-the-science-of-teaching-is-often-ignored>
- 2022: Wrote, “What is Déjà vu? Psychologists are exploring this creepy feeling of having already lived through an experience before,” for *The Conversation* in response to a 10-year-old child’s question “What is déjà vu?”  
<https://theconversation.com/what-is-deja-vu-psychologists-are-exploring-this-creepy-feeling-of-having-already-lived-through-an-experience-before-187746>
- 2023: Interviewed for a several page spread titled, “Have you been here before?” in a special print issue of *Popular Science* on memory (pp. 90-95)
- 2024: Interviewed for an article in *Die Zeit* (Germany) titled *Haben Sie das Faxen dicke? Polyteia digitalisiert die öffentliche Verwaltung.*
- 2024: Interviewed for a CSU Halloween podcast on déjà vu called “Déjà vu: A paranormal phenomenon or a memory tool for your brain?”  
<https://source.colostate.edu/deja-vu-a-paranormal-phenomenon-or-a-memory-tool-for-your-brain/>

- 2025: Interviewed for a piece on Déjà vu for *Brain and Life* (a publication of the American Academy of Neurology) titled “Understanding Déjà vu: Causes, Effects, and its Link to Epilepsy”  
<https://www.brainandlife.org/articles/deja-vu-cause-effects-epilepsy>
- 2025: Interviewed for a Brain Banter Podcast (out of Barnard College at Columbia University) on Déjà vu.
- 2025: Interview with Mike Carruthers on the podcast *Something You Should Know*, discussing the topic of tip-of-tongue states. <https://podcasts.apple.com/us/podcast/why-we-have-tip-of-the-tongue-moments-how-to-make/id1150124880?i=1000719462731>