John M. Hollander

john.m.hollander@gmail.com | johnhollander.com

Professional Experience

Assistant Professor, Dept. of Psychology and Counseling   *2024 – present*
    Arkansas State University

Education

Ph.D. Experimental Psychology   *2018 – 2024*
  & Cognitive Science Graduate Certificate
  University of Memphis

M.A. Psychological Science   *2016 - 2018*
  & Applied Statistics Graduate Certificate
  University of North Carolina Wilmington

Spanish Language Certificate   *2014 - 2016*
  Alamance Community College

B.A. Psychology   *2009 - 2013*
  Elon University

Informal Research Funding Awards

Provost's Challenge Research Seed Fund   *2024 - Present*
  Innovations in Reading Research: Eye-Tracking and Brain Imaging Solutions for Struggling Readers (PI)
  Arkansas State University
  $60,000

Pending Grant Applications

Institute for Educational Sciences   *Pending*
Education Research Grants Program (84.305A)
  Enhancing and Validating a Widely Used, Multi-dimensional Assessment of Adult Digital Literacy Skills
  Co-I with John Sabatini, University of Memphis

Refereed Journal Articles

11. **Hollander, J.** [†], Fountain, C.[†], Mohamed, N. A.[†**], & Espinosa-Hernandez, G.[†] (2025). The role of parental psychological control in domain-specific self-esteem among Mexican adolescents. *Cultural Diversity and Ethnic Minority Psychology*. Advance online publication.

10. Zhang, L.**, Lin, J., Sabatini, J., Borchers, C.**, Weitekamp, D., Cao, M., **Hollander, J.**, Hu, X., & Graesser, A. C. (2025). Data augmentation for sparse multidimensional learning performance data using generative AI. *IEEE Transactions on Learning Technologies*, 18, 145-164.

9. **Hollander, J.**, & Olney, A. (2024). Raising the Roof: Situating Verbs in Symbolic and Embodied Language Processing. *Cognitive Science*, 48(4), e13442.

8. **Hollander, J.**, Sabatini, J., Graesser, A., Greenberg, D., O'Reilly, T., Frijters, J. (2023). Importance of learner characteristics in intelligent tutoring for adult literacy. *Discourse Processes*, 60(4-5), 397-409.

7. Sabatini, J., Graesser, A., **Hollander, J.**, & O'Reilly, T. (2023). A framework of literacy development and how AI can transform theory and practice. *British Journal of Educational Technology*, 54(5), 1174-1203.

6. **Hollander, J.**, & Dark-Freudeman, A. (2023). Psycholinguistic, Stroop, and self-report measurements of death anxiety: A study of convergent validity. *Death Studies*, 47(10), 1075-1081.

5. **Hollander, J.**, & Huette, S. (2022). Extracting blinks from continuous eye-tracking data in a mind wandering paradigm. *Consciousness and Cognition*. 100.

4. Smith, E. H., **Hollander, J.**, Graesser, A., Sabatini, J., & Hu, X. (2021). Integrating SARA assessment with reading comprehension training in AutoTutor. *English Teaching*, 76(1), 17-29.

3. **Hollander, J.**, Sabatini, J., & Graesser, A. (2021). An intelligent tutoring system for improving adult literacy skills in digital environments. *Coalition for Adult Basic Education Journal*, 10(2), 59-64.

2. Dark-Freudeman, A., Terry, C., Fleming, J., **Hollander, J.**, & Bensadon, B. (2020). Planning in advance: exploring end-of-life hopes and fears among healthy young people. *Mortality*, 26(3), 1-10.

1. Lecci, L., **Hollander, J.**, Key, D., & Keith, J. (2018). Concussion management in Urgent Care: A primer for implementation. *The Journal of Urgent Care Medicine,* 12(9), 33-40.

Refereed Conference Publications

5. Jain, Y.*, **Hollander, J.**, He, A.*, Tang, S.*, Zhang, L.**, & Sabatini, J. (2025). Exploring the Potential of Large Language Models for Estimating the Reading Comprehension Question Difficulty. In: Sottilare, R.A., Schwarz, J. (eds) Adaptive Instructional Systems. HCII 2025. Lecture Notes in Computer Science, vol 15812. Springer, Cham.

4. Zhang, L.**, Lin, J., Borchers, C.**, Sabatini, J., **Hollander, J.**, Cao, M., & Hu, X. (2024).

Predicting Learning Performance with Large Language Models: A Study in Adult Literacy. In Sottilare, R.A., Schwarz, J. (eds) *Adaptive Instructional Systems. HCII 2024. Lecture Notes in Computer Science* (pp. 333-353). Cham: Springer Nature Switzerland. [Winner of Best Paper Award]

3. Sabatini, J., & **Hollander, J.** (2023). Using simple text mining tools to power an intelligent learning system for lengthy, domain specific texts. In *Lecture Notes in Artificial Intelligence: Proceedings of the 24th International Conference on Artificial Intelligence in Education* (AIED 2023). 727-733.
    [Nominated for Best Poster Award]

2. **Hollander, J.**, Sabatini, J., & Graesser, A. (2022). How item and learner characteristics matter in intelligent tutoring systems data. In *Lecture Notes in Artificial Intelligence: Proceedings of the 23rd International Conference on Artificial Intelligence in Education* (AIED 2022). 520-523.

1. Hasan, M., Deng, L., Sabatini, J., Bowman, D., Yang, C., & **Hollander, J.** (2022). Effect of Q-matrix Misspecification on Variational Autoencoders (VAE) for Multidimensional Item Response Theory (MIRT) Models Estimation. In *Lecture Notes in Artificial Intelligence: Proceedings of the 15th Conference on Education Data Mining* (EDM 2022), *Doctoral Consortium Track*. 811-816.

[†]denotes equal co-authorship.
*denotes undergraduate co-authors
**denotes graduate student co-authors

Manuscripts In Press, Under Review & In Prep

Heath, D.**, **Hollander, J.,** Huette, S. (In revision). The Role of Prior Conceptual Knowledge and Statistical Regularities in Second Language Learning: Insights from Artificial Language Tasks. Under review in *Language and Cognition*.

Dark-Freudeman, A., Espinosa-Hernandez, G., Pond, R., & **Hollander, J.** (In revision). Possible Selves, Self-Regulatory Beliefs, and Academic Performance in Mexican Adolescents: A Mixed-Methods Study. In revision in *Self and Identity*.

Hollander, J., Sanders, Z.*, Johnson, A.*, & Huette, S. (Under Review). Instrumentle: a game based measurement of auditory pattern recognition using popular music. Under review in *Music Perception.*

Hollander, J., Henson, B.**, Jackson, J.**, Huette, S. (Under review). Words sell: a psycholinguistic analysis of brand engagement on TikTok. Under review in *Media Psychology*.

Hollander, J., Olney, A.M. (In prep.) Motion and direction norms for English verbs. Planned for submission to *Behavior Research Methods*.

Hollander, J., Olney, A.M. (In prep.) Sensorimotor grounding in novel word acquisition. Planned for submission to *Psychological Science.*

Mohamed, N.*, Hernández Moran, A.*, Norman, J., Espinosa-Hernández, G., **Hollander, J**., & Fountain, C. (In prep). Religiosity and Sexual Intentions among Mexican Catholic Adolescents: The Mediating Role of Values. Under review in *Journal of Sex Research.*

†denotes equal co-authorship.
*denotes undergraduate co-authors
**denotes graduate student co-authors

Teaching experience

Assistant Professor, Arkansas State University
  Introduction to Psychology (PSYC 2023)
  Cognitive Psychology (PSYC 4363)
  Foundations in Cognitive Psychology (PSYC 6643)
  Experimental Psychology (PSYC 3123)

Instructor of Record, University of Memphis
  Research Methods and Statistics I (PSYC 3010)

Graduate Teaching Assistant, University of North Carolina Wilmington
  Research Methods and Statistics for Social Sciences

Prizes, awards, and honors

Society for Text & Discourse - Jason Albrecht Outstanding Young Scientist award	2025
Cognitive Science Society - Cog Sci Mind Challenge '24 Finalist; $500	2024
University of Memphis IISSO Dissertation Award; $1,000	2024
Cognitive Science Society - Cog Sci Mind Challenge '23 Finalist; $500	2023
Society for Computation in Psychology - John Castellan Student Paper Award; $200	2023
University of Memphis NEDxStudents - Best Presentation; $250	2023
University of Memphis Student Research Forum - Best Poster 2nd Place; $150	2023
Conference on Artificial Intelligence in Education - Best Poster (nominee)	2023
IACAT Graduate Student Travel Award; $1,000	2022
Graduate Student Coordinating Committee Student Research Grant (2020); $100	2020

Conference presentations and posters

55. **Hollander, J.**, Sanders, Z.,* Johnson, A.,* & Huette, S. (2025, Nov.). *Instrumentle: A game-based paradigm for the assessment of music cognition*. Spoken presentation at the annual meeting of the Society for Computation in Psychology.
54. Johnson, A.,* & **Hollander, J.** (2025, Nov.). *Multimodal Imagery and Artistic Experience: Exploring Individual Differences in Internal Sensory Vividness*. Poster presented at the annual meeting of the Society for Computation in Psychology.
53. Sanders, Z.,* & **Hollander, J.** (2025, Nov.). *Cross-developmental analysis of EEG and fMRI signals during emotional working memory tasks*. Poster presented at the annual meeting of the Psychonomic Society.

52. **Hollander, J.** (2025, July). *Evaluating sensorimotor knowledge in large language models*. Poster presented at the annual meeting of the Cognitive Science Society.

51. Sabatini, J., O'Reilly, T., Wang, Z., & **Hollander, J.** (2025, July). *What is Reading Fluency/Efficiency for College Students?* Talk presented at the 35th Annual Meeting of the Society for Text and Discourse.

50. **Hollander, J.** (2025. July). *How First Language Grounded Representations Influence Novel Word Processing*. Archived paper presented at the 35th Annual Meeting of the Society for Text and Discourse. [Winner of the Jason Albrecht Outstanding Young Scientist Award].

49. Johnson, A.,* Sanders, Z.,* & Hollander, J. (2025, July). *The Best @#$%&! Story Ever: Extreme Language's Effects on Textual Memory*. Poster presented at the 35th Annual Meeting of the Society for Text and Discourse.

48. Sanders, Z.,* **Hollander, J.**, & Huette, S. (2025, April). *How musical skills and expertise aid auditory recognition and retrieval*. Poster presented at the annual meeting of the Southwestern Psychological Association.

47. Sanders, Z.,* **Hollander, J.**, & Huette, S. (2025, March). *Musical Sophistication, Exposure, and Pattern Recognition in Popular Music.* Poster presented at the annual meeting of the Southeastern Psychological Association.

46. Sabatini, J., **Hollander, J.**, Weeks, J., & O'Reilly, T. (2024, July). *Comparing assessment properties of component reading tests in adolescent versus adult learners*. Talk presented at the 14th Annual Meeting of the Society for the Scientific Study of Reading.

45. Sabatini, J., Jones, E., & **Hollander, J.** (2024, July). *An application of differential item functioning to an adolescent assessment adapted for adult learners.* Talk presented at the 2024 International Test Commission Conference.

44. **Hollander, J.**, Sabatini, J., & O'Reilly, T. (2024, July). *The relation of foundational skills to comprehension in adolescent readers.* Talk presented at the 34th Annual Meeting of the Society for Text and Discourse.

43. Sabatini, J., **Hollander, J.**, & Feller, D. (2024, July). *Fans of SARA: Exploring reading skill profiles of at-risk college students.* Talk presented at the 34th Annual Meeting of the Society for Text and Discourse.

42. Feller, D., **Hollander, J.**, Magliano, J., Allen, L., Sabatini, J. (2024, July). *Lexical sophistication, reading strategies, and reading comprehension.* Talk presented at the 34th Annual Meeting of the Society for Text and Discourse.

41. **Hollander, J.**, & Olney, A. (2023, November). *Embodying verbs with a database of 3-D motion norms.* Talk and paper presented at the 53rd Annual Meeting of the Society for Computation in Psychology.
    [Winner of the John Castellan Student Paper Award]

40. Sabatini, J., **Hollander, J.**, O'Reilly, T., Smith, E. H. (2023, July). *The relation of reading components to comprehension in college students*. Talk presented at the 13th Annual Meeting of the Society for the Scientific Study of Reading.

39. **Hollander, J.**, & Olney, A. (2023, July). *The spatial role of verbs in embodied language processing.* Poster presented at the 45th Annual Meeting of the Cognitive Science Society.

38. **Hollander, J.**, & Sabatini, J. (2023, July). *Text mining the contents of an intelligent tutoring system.* Talk presented at the 33rd Annual Meeting of the Society for Text and Discourse.

37. Sabatini, J., **Hollander, J.**, Feller, D., O'Reilly, T., & Nelson, T. (2023, July). *Removing*

Hidden barriers: Efficiently identifying potentially at-risk college students. Talk presented at the 33rd Annual Meeting of the Society for Text and Discourse.

36. Sabatini, J., Carmon, C.**, Graesser, A., **Hollander, J.**, & Smith, E.H.** (2023, April). *Interrogating assumptions to pursue truth: Research that reframes how we talk about and teach readers*. Talk presented at the 23rd Annual Meeting of the American Education Research Association.

35. **Hollander, J.**, Sabatini, J., & O'Reilly, T. (2023, April). *The reading skills bottleneck across middle grades.* Poster presented at the 23rd Annual Meeting of the American Education Research Association.

34. **Hollander, J.**, & Olney, A.M. (2022, November). *Toward a lexical database of embodied information of verbs*. Talk presented at the 52nd Annual Meeting of the Society for Computation in Psychology.

33. **Hollander, J.**, Sabatini, J., & Graesser, A. (2022, September) *Connecting assessment and learning in the inner loop*. Talk presented at the 8th Meeting of the International Association for Computerized Adaptive testing.

32. Hu, X., Sabatini, J., Graesser, J., & **Hollander, J.** (2022, September). *Designing innovative tasks and test environments: Opportunities and challenges in connecting assessment and instruction.* Talk presented at the 8th Meeting of the International Association for Computerized Adaptive testing.

31. Graesser, A., Hu, X., Sabatini, J., & **Hollander, J.** (2022, September). *AutoTutor for Adult Reading Comprehension: An intelligent tutoring system.* Talk presented at the 8th Meeting of the International Association for Computerized Adaptive testing.

30. **Hollander, J.**, Sabatini, J., Graesser, A., Greenberg, D., O'Reilly, T., & Frijters, J. (2022, July). *Foundational reading skills and learner characteristics in an adult literacy interventio*n. Presented at the 32nd Annual Meeting of the Society for Text and Discourse.

29. Sabatini, J., **Hollander, J.**, Graesser, A., & O'Reilly, T., (2022, July). *How Lexical Properties of Test Items Impact Adolescent and Adult Learner Text Processing*. Presented at the 32nd Annual Meeting of the Society for Text and Discourse.

28. **Hollander, J.**, Sabatini, J., Smith, E.H.**, & O'Reilly, T. (2022, July). *Item-level differences for adults in reading component skill assessments*. Presented at the 12th Annual Meeting of the Society for the Scientific Study of Reading.

27. Sabatini, J., **Hollander, J.**, Smith, E.H.**, & O'Reilly, T. (2022, July). *The relation of reading components to comprehension in adult education students*. Presented at the 12th Annual Meeting of the Society for the Scientific Study of Reading.

26. **Hollander, J.**, Sabatini, J., O'Reilly, T., & Wang, Z. (2022, April). *A Middle-Grade Level Trajectory of Reading Component Skills*. Presented at the 22nd Annual Meeting of the American Education Research Association.

25. Sabatini, J., **Hollander, J.**, & O'Reilly, T. (2022, April). *Comparing Foundational Skills of Adolescents to Adult Learners*. Presented at the 22nd Annual Meeting of the American Education Research Association.

24. Sabatini, J., **Hollander, J.**, Smith, E. H., & Graesser, A. C. (2022, April). *Digital Resources for Adult Literacy Learners and Programs: Reading, Comprehension, and Assessment Tools*. COABE National Conference 2022, Seattle, WA.

23. Hollander, J, & Olney, A.M. (2021, November). *A tool for "keeping it maximal" with linear mixed-effects models*. Presented at the 51st Annual Meeting of the Society for Computation in Psychology.

22. Hasan, M., Bowman, D., Deng, L., Yang, C., Sabatini, J., & **Hollander, J.** (2021, November). *Q-matrix and variational autoencoders to estimate multidimensional item response theory models with correlated and independent latent variables.* Presented at the Western Tennessee Chapter of the American Statistical Association Annual Meeting.

21. **Hollander, J.**, Sabatini, J., Talwar, A., & Magliano, J. (2021, August). *Component skill and metacognitive differences between traditional and scenario-based comprehension assessments.* Presented at the 31st Annual Meeting of the Society for Text & Discourse.

20. Sabatini, J., **Hollander, J.**, Magliano, J., & Talwar, A. (2021, August). *Relation of reading motivation to reading comprehension performance.* Presented at the 31st Annual Meeting of the Society for Text & Discourse.

19. **Hollander, J.**, & Olney, A. (2021, July). *Vertical directionality ratings as lexical norms for verbs.* Presented at the 43rd Annual Meeting of the Cognitive Science Society.

18. **Hollander. J.,** & Sabatini, J. (2021, July). *Decoding error differences in child and adult readers.* Presented at the 28th Annual Meeting of the Society for the Scientific Study of Reading.

17. **Hollander, J.**, Sabatini, J., & Smith, E. H. (2021, March). *Learning literacy with an intelligent tutoring aid.* Presented at the Outreach and Technical Assistance Network's Technology and Distance Learning Symposium.

16. Sabatini, J., Smith, E. H.**, & **Hollander, J.** (2021, March). *Remotely assessing, supporting,& diagnosing adult learners' literacy skills.* Presented at the Outreach and Technical Assistance Network's Technology and Distance Learning Symposium.

15. **Hollander, J.**, & Olney, A. (2020, November). *Testing symbolic and embodied language comprehension: words in motion.* Presented at the 50th Annual Meeting of the Society for Computation in Psychology.

14. **Hollander, J.**, & Huette, S. (2019, November). *Blink duration and gradient cognitive disengagement: extracting eye blink events from noisy data.* Spoken presentation at the 49th Annual Meeting of the Society for Computation in Psychology Annual Meeting, Montreal, QC.

13. **Hollander, J.** & Huette, S. (2019). *Negation mediates semantic representations in an Artificial Language Paradigm.* Poster presented at the 31st Annual Association for Psychological Science Conference, Washington, DC.

12. Huette, S. & **Hollander, J.** (2019). *The interaction of image salience with language: how much is language driving eye-movements in Visual World Paradigms?* Poster presented at the 32nd Annual CUNY Conference on Sentence Processing, Boulder, CO.

11. **Hollander, J.** (2019). *Comparing implicit and explicit measures of death anxiety.* Poster presented at the 41st Annual Association for Death Education and Counseling Conference, Atlanta, GA.

10. **Hollander, J.**, Matney, R.**, Espinosa-Hernandez, G., (2018). *The influence of parental psychological control and gender on the sexual behavior of Mexican adolescents.* Spoken presentation at the Society for the Scientific Study of Sexuality Annual Meeting, Montreal, QC.

9. **Hollander, J.**, Terry, C.**, Jones, C., & Dark-Freudeman, A. (2017). *Possible Selves: An exploration of death fears.* Poster presented at the 125th Annual American Psychology Association Convention, Washington, D.C.

8. Terry, C. R.**, Dark-Freudeman, A., Dorsey, K. R.*, & **Hollander, J.** M. (2017). *Death

Memory Narratives and Meaning Making: A Qualitative Study. Poster presented at the 39th Association for Death Education and Counseling Conference, Portland, OR.

7. Dorsey, K. R.*, Terry, C. R.**, & Dark-Freudeman, A., & **Hollander, J.** (2017). *Death Memories, Meaning Making, & Death Anxiety*. Poster presented at the 39th Association for Death Education and Counseling Conference, Portland, OR.

6. **Hollander, J.**, D'Antuono, H*., Corbett, T.*, Tarantiles, C*. (2013). *Linguistic Relativity: Writing and Editing of Bilingual Students*. Poster presented at 2013 National Conference on Undergraduate Research, *La* Crosse, Wisconsin.

5. **Hollander, J.**, D'Antuono, H*., Corbett, T.*, Tarantiles, C.* (2013). *Linguistic Relativity: Writing and Editing of Bilingual Students*. Poster presented at 2013 Carolinas Psychology Conference, Raleigh, North Carolina.

4. **Hollander, J.**, D'Antuono, H.*, Corbett, T.*, Tarantiles, C.* *Linguistic Relativity: Writing and Editing of Bilingual Students.* (2013). Spoken presentation at Elon University Student Undergraduate Research Forum.

3. Epting, L. K., Hignight, A.*, Bowers, C.*, Cox, J.*, D'Antuono, H.*, **Hollander, J.** (2012). *Tough Love or Glowing Review: Effects of Audience and Feedback on Self-editing in Writing*. Poster presented at Association for Behavior Analysis International Annual Conference, Seattle, Washington.

2. Epting, L. K., Hignight, A.*, Bowers, C.*, Cox, J.*, D'Antuono, H.*, **Hollander, J.** (2012). *Tough Love or Glowing Review: Effects of Audience and Feedback on Self-editing in Writing*. Spoken presentation at Elon University Student Undergraduate Research Forum, Elon, NC.

1. Epting, L. K., Hignight, A.*, Bowers, C.*, Cox, J.*, D'Antuono, H.*, **Hollander, J.**, *Tough Love or Glowing Review: Effects of Audience and Feedback on Self-editing in Writing.* (2012). Poster presented at Southeastern Psychological Association Annual Conference, New Orleans, Louisiana.

[†]denotes equal co-authorship.
*denotes undergraduate co-authors
**denotes graduate student co-authors

Trainings, Workshops, and Other Dissemination

Hollander, J., Sabatini, J., & Smith, E. H. (Monthly; March 2021 – June 2022). *AutoTutor-Adult Reading Comprehension*. Invited session at Literacy Mid-South New Volunteer Training.

Hollander, J., Sabatini, J., & Smith, E. H. (2022, March). *AutoTutor- Adult Reading Comprehension*. Presented at the Florida Literacy Coalition annual meeting.

Hollander, J., Sabatini, J., & Smith, E. H. (2021, August). *AutoTutor: Learning (Digital) Literacy with an Intelligent Tutoring Aid*. Invited presentation at the Literacy Mid-South Continuing Education annual meeting.

Hollander, J., Sabatini, J., & Smith, E. H. (2021, August). *AutoTutor- Adult Reading Comprehension*. Presented at the Network of Adult Basic Literacy Education meeting. Memphis, TN.

Smith, E. Halle, **Hollander, J.**, & Sabatini, J. (2021, July). *Study Aid and Reading Assessment*

Demo. Presented at Arkansas State University - Newport.

Hollander, J., Sabatini, J., & Smith, E. H. (2021, July). *AutoTutor- Adult Reading Comprehension*. Presented at the Arkansas State University - Newport.

Sabatini, J. P., **Hollander, J. M**., & Smith, H. (2021, June). *Digital Resources for Adult Literacy Learners and Programs: Reading, Comprehension, and Assessment Tools*. Webinar presented at the LINCS Community for Adult Educators.

Hollander, J., (2021, April). *AutoTutor - ARC*. Presented at the 2021 IES ED Games Expo.

Hollander, J. (2020, October). *Eye tracking in the psychology of language*. Presented at the 2020 IISSO Eye Tracking Workshop. Memphis, TN.

Service and Professional Activities

Professional Affiliations

Society for Computation in Psychology [Steering Committee member 2025 – present]
Cognitive Science Society
Society for Text and Discourse
Society for the Scientific Study of Reading
International Artificial Intelligence in Education Society
Psychonomic Society

Ad Hoc Reviewer

Artificial Intelligence in Education (Conference)
Cognition
Cognitive Science
Cognitive Science (Conference)
Educational Data Mining (Conference)
Frontiers in Psychology
IEEE Transactions on Learning Technologies
Journal of Speech, Language, and Hearing Research
Psychological Science
Scientific Reports
IEEE Transactions on Knowledge and Data Engineering

Program Committee Member

Cognitive Science conference (2024, 2025)
Intelligent Tutoring Systems conference (2024)

Committees and other appointments

University of Memphis Institute for Intelligent Systems Student Organization
President   *2023 - 2024*
Vice President   *2022 - 2023*
Psychology Department Ambassador   *2021 - 2022*

University of Memphis LGBTQ+ Task Force
Member   *2022 - 2024*

Technical and computer skills

Experiment building packages:	E-Prime, Inquisit, jsPsych, lab.js, Psychtoolbox, Qualtrics
Programming/markup languages:	HTML, Markdown, Matlab, Python
Text and data processing:	NVivo, pandas, tidyverse, spaCy
Statistical analysis packages:	MPlus, SAS, SPSS, R,
Audiovisual processing:	Ableton, Audacity, Adobe Captivate, Adobe Premiere, Davinci Resolve, Praat, Reaper
Eye-Tracking:	EyeLink, Tobii
EEG:	Emotiv

Press and miscellany

"Why do our memories sometimes fade or fail?" (Video) *Cognitive Science Society*. Cog Sci Mind Challenge Finalist, 2024. [link]

"Why are there so many languages?" (Video) *Cognitive Science Society*. Cog Sci Mind Challenge Finalist, 2023. [link]

"Meet the Author: John Hollander, John Sabatini, and Art Graesser". (Video interview) *Coalition for Adult Basic Education, 2021*. [link]

"Peace of Mind: UNCW's brainpower is helping revolutionize concussion management". (Magazine article) *UNCW Magazine, 2017*. [link]

Professional references

1. **Andrew Olney**   *Professor (Ph.D. advisor, retired)*
   amolney@outlook.com   University of Memphis

2. **Art Graesser**   *Professor Emeritus (retired)*
   art.graesser@gmail.com   University of Memphis

3. **John Sabatini**   *Distinguished Research Professor*
   jpsbtini@memphis.edu   University of Memphis