Anne M. Lippert, Ph.D

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505-800-9144

Curriculum Vita

ACADEMIC APPOINTMENTS

Assistant Professor August 2021-present
Prairie View A & M University
Department of Psychology

Visiting Assistant Professor August 2020-August 2021
DePauw University
Department of Psychology and Neuroscience

Postdoctoral Research Fellowship September 2016-2019
University of Memphis
Institute of Intelligent Systems (IIS) and Department of Psychology
Advisor: Dr. Arthur C. Graesser
Research Specializations: Design of intelligent tutoring systems, Pedagogical agents, Knowledge representation, Reading comprehension

University Postdoctoral Research Fellow August 2014-2016
University of Kentucky
Departments of Psychology and Political Science
Advisors: Dr. Jonathan M. Golding, Dr. Justin P. Wedeking
Research Specializations: Mental models, Social psychology, Political psychology, Knowledge representation, Text analysis, Network analysis

EDUCATION

Doctor of Philosophy, Cognitive Psychology June 2014
University of New Mexico
Advisor: Dr. Timothy E. Goldsmith
Thesis: *Investigating Legal Knowledge From Supreme Court Opinions Using Semantic Networks*

Master of Science April 2008
University of Chicago
Committee on Computational Neuroscience
Advisors: Dr. Victoria Booth, Dr. Phillip Ulinski
Thesis: *5-HT Neuromodulation of Hippocampal Pyramidal Cells: A Mathematical Model of the Effects of Increased h Current on Cell Excitability.*

Master of Science   April 2006
University of Michigan
Department of Applied Mathematics
Advisor: Dr. Victoria Booth

Bachelor of Science, with Honors   June 2001
University of Chicago
Department of Mathematics

REFEREED JOURNAL PUBLICATIONS

Jenkins, B. D., Le Grand, A. M., Wetmore, S. W., Neuschatz, J. S., Golding, J. M., & **Lippert, A.** (2023). A snitching enterprise the role of evidence and incentives on providing false secondary confessions. *Journal of Police and Criminal Psychology, 38*, 141–152, https://doi.org/10.1007/s11896-022-09502-0

Golding, J. M., Neuschatz, J. S., Rawn, K., **Lippert, A**, Bornstein, B. H., Pals, A., & Le Grand, A. M. (2022). The influence of jailhouse informant testimony on jury deliberation. *Psychology, Public Policy and Law, 28*(4), 560–572, https://doi.org/10.1037/law0000346

Fang, Y., **Lippert, A.**, Cai, Z., Chen, S., Frijters, J., Greenberg, D.,& Graesser, A. (2021). Patterns of adults with low literacy skills interacting with an Intelligent Tutoring System. *Int J Artif Intell Educ*, 1-26, https://doi.org/10.1007/s40593-021-00266-y

Lippert, A., Shubeck, K., Morgan, B., Hampton, A.J. & Graesser, A.C. (2020). Multi-agent designs in conversational intelligent tutoring systems. *Journal of Technology and Knowledge, 25*, 443-463, doi:10.1007/s10758-019-09431-8.

Lynch, K. R., Golding, J. M., Jewell, J. A., **Lippert, A.**, & Wasarhaley, N. E. (2019). "She is his girlfriend—I believe this is a different situation": Gender differences in perceptions of the legality of intimate partner rape. *Journal of Family Violence*, 1-18. https://doi.org/10.1007/s10896-018-0006-0

Shi, G. **Lippert, A.**, Shubeck, K., Fang, Y., Chen, S., Pavlik, P., ... Graesser, A.C. (2018). Exploring an intelligent tutoring system as a conversation-based assessment tool for reading comprehension. *Behaviormetrika*, 1-19.

Malik, S.E., Golding, J. & **Lippert, A.** (2018). The impact of a defendant not testifying in a child sexual assault case. *American Journal of Forensic Psychology, 36*(1), 5-29.

Golding, J. M., **Lippert, A. M.**, & Malik, S. E. (2018). Using the internet to facilitate career choices in psychology-related fields. *Teaching of Psychology, 45*(1), 60-66.

Lippert, A., Golding, J. Lynch, K., & Haak, E. (2018). When a corporation rapes: perceptions of rape in civil court for corporate defendants. *Psychology, Crime & Law, 24*(7), 703-726, DOI: 10.1080/1068316X.2017.1421185

Graesser, A.C., Hu, X., Nye, B., VanLehn K., Kumar, R., Heffernan, C., Heffernan, N., Woolf, B., Olney, A.M., Rus, V., Andrasik, F., Pavlik, P., Cai, Z., Wetzel, J., Morgan, B., Hampton, A.J., **Lippert, A.**,... & Baer, W. (2017). ElectronixTutor: an

intelligent tutoring system with multiple learning resources for electronics. *International Journal of STEM Education: Innovations and Research.* doi:10.1186/s40594-017-0072-5

Lippert, A. & Wedeking, J. (2016). Is judicial expertise dynamic? Judicial expertise, complex networks, and legal policy. *Michigan State Law Review,(2),* 567.

Lippert, A. & Golding, J. (2016). Scamming elders: The effect of eyewitness testimony on courtroom perceptions of elder financial abuse. *American Journal of Forensic Psychology, 34* (2), 1-5.

Magyarics, C. L., Lynch, K. R., Golding, J. M. & **Lippert, A.** (2015). The impact of frequency of behavior and type of contact on judgments involving a criminal stalking case. *Law and Human Behavior, 39* (6), 602.

Golding, J. M., Wasarhaley, N. E., Lynch, K. R., **Lippert, A.**, & Magyarics, C. L. (2015). Improving the credibility of child sexual assault victims in court: the impact of a sexual assault nurse examiner. *Behavioral Sciences & the Law, 33* (4), 493-507.

Wedeking, J., **Lippert, A.**, & Black, R. (2015). (Re)Discover the value of nodes and links: How networks can further law & courts research. *LAW & COURTS, 25,* 6-10.

Lippert, A., & Booth, V. (2009). Understanding effects on excitability of simulated I_h modulation in simple neuronal models. *Journal of Biological Cyberkinetics, 101,* 297-306.

BOOK CHAPTERS

Lippert, A., Wedeking, J., & Black, R. (in press). Citizen knowledge and the Supreme Court: The importance of measuring knowledge and its implications for the Supreme Court. In R. Solberg & E. Waltenburg (Eds.), *Open judicial politics* (pp. xx-xx). Oregon State University.

Morgan, B.A., Hogan, A.M., Hampton, A.J., **Lippert, A.M.**, & Graesser, A.C. (2020). The need for personalized learning and the potential of intelligent tutoring systems. In P. van Meter, A. List, D. Lombardin , & P. Kendeou (Eds.), *Handbook of learning from multiple representations and perspectives* (pp. 495-512). New York: Routledge.

Graesser, A. C., **Lippert, A. M.**, Shubeck, K. T. (2019). Knowledge representation and acquisition. In R. J. Sternberg & J. Funke (Eds.), *The psychology of human thought: An introduction.* Heidelberg University Publishing.

Graesser, A. C., Dowell, N., Hampton, A.J., **Lippert, A.**, Li, H., & Shaffer, D.W.(2018). Building intelligent conversational tutors and mentors for team collaborative problem solving: Guidance from the 2015 Program for International Student Assessment. In J. Johnston (Ed.), *Building intelligent tutoring systems for teams: What matters* (pp. 173-211). Bingley, United Kingdom: Emerald Publishing.

Lippert, A. & Wedeking, J. (2017). Alito, Samuel. In K. E. Stooksbury,J. M. Scheb II, & O.H. Stephens Jr. (Eds.), *The encyclopedia of civil rights and liberties.* (Vol. 1, pp. 29-30). Santa Barbara, CA: Greenwood Press.

REFEREED CONFERENCE PUBLICATIONS

Lippert, A., Gatewood, J., Cai, Z. & Graesser, A. (2019, July). Building an intelligent tutoring system to promote learning affordances for adults with low literacy skills. In A. Sinatra (Ed.), *Proceedings of the 21st International Conference on Human Computer Interaction (HCI 2019)* (pp. 327-339). Cham, Switzerland: Springer

Fang, Y., Shubeck, K.T., **Lippert, A.**, Cheng,Q., Shi, G., Feng, S.,..., Graesser, A. C. (2018). Clustering the learning patterns of adults with low literacy interacting with an intelligent tutoring system. In K.E. Boyer & M. Yudelson (Eds.), *Proceedings of the 11th International Conference on Educational Data Mining* (pp.348-354). Buffalo, NY: Educational Data Mining Society.

Shi, G., **Lippert, A.**, Hampton, A., Chen, S., Fang, Y., & Graesser, A.C. (2018). Diagnostic assessment of adults' reading deficiencies in an intelligent tutoring system. In N. Guin & A. Kumar (Eds.), *Proceedings of the 14th International Conference on Intelligent Tutoring Systems (ITS 2018)* (pp.105-112). Montreal, Canada: CEUR-WS.

Chen, S., **Lippert, A.**, Shi, G., Fang, Y. & Graesser, A.C.(2018). Disengagement detection within an intelligent tutoring system. In N. Guin & A. Kumar (Eds.), *Proceedings of the 14th International Conference on Intelligent Tutoring Systems (ITS 2018)* (pp. 127-134). Cham, Switzerland: Springer.

Graesser, A.C., **Lippert, A.**, & Hampton, A.J. (2017). Successes and failures in building learning environments to promote deep learning: The value of conversational agents. In J. Buder and F.W. Hesse (Eds.), *Informational environments: Effects of use, effective design* (pp. 273-298). New York: Springer.

PRESENTATIONS

Lippert, A. (2022, November). *Text2Net: Deriving cognitive networks from open-ended response data* Research presented at the meeting for the Society for Computers in Psychology, Boston, MA.

Lippert, A. (2020, November). *What separates low ability readers from high ability readers? Evidence from literacy centers and memory experiments.* Invited talk at DePauw University's Fall 2020 Psychology Speakers Series, Greencastle, IN.

Lippert, A., Gatewood, J., Cai, Z., & Graesser, A.C. (2019, July).*Using an adaptive intelligent tutoring system to promote learning affordances for adults with low literacy skills.* Research presented at the First International Conference on Adaptive Instruction Systems, Orlando, FL.

Lippert, A. Fang, Y., Gatewood, J., Shi, G., Chen, S., & Graesser, A.C. (2018, November). *Recognition memory for the structure and meaning of text in adult readers with high and low levels of literacy.* Research presented at the meeting for the Society for Computers in Psychology, New Orleans, LA.

Graesser, A.C., **Lippert, A.** & Shi, G. (2018, July). *Performance of adults is higher*

for material tapping deep rather than shallow comprehension when using AutoTutor. In M. Lovett and D. Greenberg (Chairs), Adult literacy learners: Evaluating reading and reading-related skills and intervening with blended instructional programs. Symposium for the meeting of the Scientific Study of Reading, Brighton, UK.

Graesser, A.C., **Lippert, A.**, Shi, G., Cai, Z. Baer, W. Pavlik, P., Gatewood, J. & Fang, Y. (2018, July).*Tracking comprehension performance in AutoTutor.* Research presented at the meeting of the Society for Text and Discourse, Brighton, UK.

Wasarhaley, N. Renzetti, C., & **Lippert, A.** (2018, March). *Public perceptions of sex trafficking: Investigating crime prototypes via semantic networks.* Research presented at the American Psychology-Law Society meeting, Memphis, TN.

Lippert, A., Cai, Z., Olney, A., Greenberg, D. & Graesser, A.C. (2018, January). *Development and refinement of AutoTutor for training comprehension skills in adults with low literacy: Accommodating the data and feedback from many stakeholders.* Research and technology demonstration presented at the National Center for Education Research Annual Principal Investigators Meeting, Arlington, VA.

Lippert, A., Walker, B. Davis, R. Cheng, Q. Cai, Z., Feng, S. Clewley, D. Shi, G. & Graesser, A.C. (2017, November). *Recognition of structure and meaning of text after interacting with an intelligent tutoring system.* Research presented at the meeting for the Society for Computers in Psychology, Vancouver, Canada.

Lippert, A., Walker, B., Davis, R., Cheng, Q., Cai, Z., Clewley, D., Shi, G. & Graesser, A. (2017, July). *The effect of CSAL AutoTutor on deep comprehension of text in low-literacy adult readers.* Research presented at the meeting for the Cognitive Science Society, London, United Kingdom.

Lippert, A. & Wedeking, J. (2016, April). *The network structure of legitimacy attitudes towards the U.S. Supreme Court.* Research presented at the 74th annual Midwest Political Science Association Conference, Chicago, IL.

Lippert, A., Black, R. & Wedeking, J. (2016, March). *Examining the measurement and structure of political knowledge: The importance of symbols and visual images.* Research presented at the Southwestern Social Science Association, Las Vegas, NV.

Lippert, A. & Wedeking, J. (2015, November). *Measuring expertise in a dynamic domain: Using semantic networks and information density as indicators.* Research presented at the 23rd annual meeting for the Society for Computers In Psychology, Chicago, IL.

Lippert, A. & Wedeking, J. (2015, October). *Measuring expertise on the Supreme Court.* Research presented at the Michigan State Law Review Annual Symposium, East Lansing, MI.

Lippert, A. & Golding, J. (2015, March). *The effect of witness type on courtroom perceptions of elder financial exploitation.* Research presented at the 2015 American Psychology Law Society Annual Conference. San Diego, California.

Magyarics, C. L., Lynch, K. R., Golding, J. M., & **Lippert, A.** (2015, March). *The*

impact of the type and frequency of stalking in the courtroom. Research presented at the annual meeting for the American Psychology-Law Society, San Diego, CA.

Lippert, A. & Wedeking, J. (April, 2015). *Measuring legal expertise on the U.S. Supreme Court.* Presented research at the 73rd annual Midwest Political Science Association Conference, Chicago, IL.

Black, R., **Lippert, A.** & Wedeking, J. (2015, January). *Measuring knowledge of the courts.* Research presented at the annual Southern Political Science Association Conference, New Orleans, LA.

Lippert, A. (2014, November). *The psychology of the Supreme Court: Deriving semantic networks from opinions.* Presented research at the 22nd annual meeting for the Society for Computers in Psychology, Long Beach, CA.

Willits, D., Broidy, L., Zengin, M., **Lippert, A.**, Healy, M., Ross, T., Kim, J. & Caudell, T. (2010, November). *Agent-based modeling and micro-social theories: A simple example using general strain theory.* Work presented at the annual meeting of the ASC, San Francisco, CA.

Lippert, A. & Booth, V. (2007, July). *5-HT neuromodulation of hippocampal pyramidal cells:Effects of increased h current on cell excitability.* Work presented at the Conference on Computational Neuroscience, Toronto, Canada.

Lippert, A. (1999, September).*Parallel numerical algorithms for least squares problems:Presentation of REU results.* Work presented at the Annual Argonne Symposium for Undergraduates in Science, Engineering and Math, Argonne, IL.

GRANTS

PRISE Grant, Texas A & M University System   Summer 2023- Spring 2024

Title: Combining Knowledge Visualization and Intelligent Tutoring to Support Learning in STEM Education: The Development of KVIS (Knowledge Visualization Intelligent System)
Role: PI (Co-PI: Donggil Song)
Amount: $40,000

OER Faculty Award   Summer 2023

Title: PSYC 2317 (Statistical Methods in Psychology) and the Need for Open Educational Resources (OER)
Role: PI
Amount: $14,888.88

Department of Health and Human Services   2023-2028

Title: Expanding a Novel Healthcare Coordinated Response to Human Trafficking by Enhancing Outreach, Case Management, and Continuity of Care
Role: Assistant Research Evaluator/Grant Writer (PI: Kimberly Williams; PVAMU Sub-awardee PI: Temilola Salami)
Amount: $1.8 million

Faculty Enhancement Program, Prairie View A&M   Fall 2022

Title: Text2Net: Deriving Cognitive Networks From Open-ended Response Data
Role: PI
Amount: $1691.08

VPRI RAPID Grant Program, Prairie View A&M   Summer 2022

Title: Text2Net: Deriving Cognitive Networks From Open-ended Response Data
Role: PI
Amount: $5000

Faculty Research Support Award, Prairie View A&M   Summer 2022

Title: Text2Net: Deriving Cognitive Networks From Open-ended Response Data
Role: PI
Amount: $11,166.66

Institute of Education Sciences   2012–2019

Title: Developing Instructional Approaches Suited to the Cognitive and Motivational needs of Struggling Adult Learners
Role: Assistant Research Evaluator/Grant Writer/Project Manager (PI: Art Graesser, University of Memphis)
Amount: $2,600,000

AD HOC JOURNAL REVIEWER

Behavior Research Methods
Computers in Human Behavior
Professional Psychology: Research and Practice (PPRP)
Psychology, Crime and Law

TEACHING EXPERIENCE

Prairie View A & M University   Fall, 2021- current
Houston, TX.
Introduction to Psychology, Physiological Psychology, Statistical Methods, Introduction to Manuscript Writing

DePauw University   Fall, 2020- Spring 2021
Greencastle, IN.
Introduction to Psychology, Cognitive Psychology, Psychological Research Methods, Seminar in Computational Neuroscience

Cincinnati State Technical and Community College   Spring, 2020-present
Cincinnati, OH.
Quantitative Reasoning

University of Memphis   Spring, 2019
Memphis, TN.
Introduction to Psychology

University of New Mexico   Fall 2009, 2010 - Fall 2013
Albuquerque, NM.

Psychological Research Methods

Vandercook College   Summer 2007- Spring 2008
Chicago, IL.
Neurobiology

Roosevelt University   Fall 2006 - Spring 2008
Chicago, IL.
Pre-Calculus, Pre-Algebra, Calculus, Quantitative Methods

Columbia College   Fall 2007 - Spring 2008
Chicago, IL.
Calculus, Quantitative Methods, College Math

Washtenaw Community College   Summer 2006, 2007
Ann Arbor, MI.
Calculus, Basic Math

University of Michigan   Fall 2004 - Spring 2006
Ann Arbor, MI.
Pre-Calculus

RELATED EXPERIENCE

edTPA Scorer   February 2020-present
Pearson Education
Assessment of Secondary Math teacher portfolios. Analyze and review authentic teaching materials submitted by teacher candidates. Provide feedback and insight into how well teachers are prepared for their jobs.

Contributer   Since 2015
Psychology Today
Careers in Psychology. url: https://www.psychologytoday.com/blog/careers-in-psych.

SOFTWARE

Aviation Safety Network (ASN)
Designed and programmed user friendly software for a project involving the National Aviation Safety Association Ames Research Center (NASA Ames).Takes text (flight incident reports) as inputs and constructs networks of key concepts and their relationships from the text. Written and implemented in MATLAB and JavaScript Computing Languages.

Text2Net
Designed and programmed graphical user interface software that derives semantic networks from free response data given by experimental subjects. Developed so others could use semantic network techniques on their data without possessing formal programming language experience. Written and implemented in MATLAB and JavaScript Computing Language.

High School Math Problem Generator
Designed and programmed a java based mathematics problem generator for eighth grade algebra students at Summit Country Day School in Cincinnati, Ohio. Program randomly generates an algebraic problem, and presents students with an empty input field. Students type in their answer

and receive credit for a correct answer. Students may view step by step solutions for each problem by pressing the "View Step by Step Solution" button.

Website to Help Students Interested in Psychology
Creator of site: `www.explorecareersinpsychology.org`. Solely designed and wrote underlying code for the creative content of the website. Website gives students crucial information to smoothly transition from a psychology major to a career. Developed in Joomla! Handcoded, customized in html, css, and Javascript.

FELLOWSHIPS

Postdoctoral Research Fellowship   Summer 2016-2019
Institute for Intelligent Systems, University of Memphis

International Computational Social Sciences
Fellowship   February 2016
The Volkswagen Foundation
Cologne, Germany

Postdoctoral Research Fellowship   Summer 2014-2016
University of Kentucky
Departments of Psychology and Political Science

Winter School Fellowship   Winter 2008
New England Complex Systems Institute
Cambridge, Massachusetts

Graduate Research Fellowship   Spring 2009-Fall 2009
University of New Mexico
Department of Computer Science

Graduate Research Fellowship   Summer 2008 - Fall 2008
The Mind Research Institute
Albuquerque, New Mexico

Center for Research on Teaching and
Learning Fellowship   Fall 2005 - Spring 2006
University of Michigan
Ann Arbor, Michigan

Research Experience for Undergraduates Fellowship   Summer 1999
National Science Foundation
Development of parallel numerical algorithms for solutions of sparse linear systems