Ashley Edwards

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AE

Employment

Research Faculty I at the Florida Center for Reading Research	**May 2022-Present**

Paid Statistical/Data Management Consultant   **August 2018-Present**
Contracted consultant to conduct statistical analyses or clean and manage data to prepare it to be used in future analyses
>   Dr. Stephanie Al Otaiba – Southern Methodist University
>   Dr. Zachary Barns – Austin Peay State University
>   Dr. Jill Pable – Florida State University
>   Dr. Sara Hart and Dr. Colleen Ganley – Florida State University

Exam Proctor and Office Worker for SUNY Geneseo Office of Disabilities   **August 2014-May 2017**
Proctored exams, put together student accommodation paperwork, interact with and answer questions of students with disabilities

Education

Graduate Student at Florida State University   **August 2017- April 2022**
Program: Developmental Psychology PhD   Cumulative GPA: 4.0

Undergraduate at State University of New York at Geneseo   **August 2013- May 2017**
Major: Psychology   Major GPA: 4.0
Minors: Mathematics and Cognitive Science   Cumulative GPA: 4.0

Grants

Funding Agency:	NIH/NICHD R21
Title:	Understanding the underlying relation between phonological clean-up ability and early word reading: A developmental exploration
Principal Investigator:	L. Steacy (A. Edwards, Co-I)
Total costs:	$423,500
Project Dates:	7/22-7/24

Funding Agency:	NIH/NICHD F31
Title:	Developmental predictors of individual differences in reading rate
Principal Investigator:	A. Edwards
Total costs:	$38,559
Project Dates:	4/21-4/22

Peer-reviewed Publications

Edwards, A. A., Steacy, L. M., Rigobon, V. M., Petscher, Y., & Compton, D. L. (in press). Examining the relationship between word reading and nonword reading development within an orthographic learning framework: Are there variations as a function of SES and reading ability? *Elementary School Journal.*

Steacy, L. M., **Edwards, A.,** Rigobon, V. M., Gutierrez, N., Marencin, N. C., Siegelman, N., Himelhock, A., Himelhoch, C., Rueckl, J., & Compton, D. L. (2022). Set for variability as a critical predictor of word reading: Potential implications for early identification and treatment of dyslexia, *Reading Research Quarterly*.

Gutiérrez, N., Rigobon, V. M., Marencin, N. C., **Edwards, A. A.,** Steacy, L. M., & Compton, D. L. (2022). Early prediction of reading risk in fourth grade: a combined latent class analysis and classification tree approach. *Scientific Studies of Reading.*

Edwards, A. A., Daucourt, M., Hart, S. A., & Schatschneider, C. (2022). Measuring reading anxiety in college students. *Reading and Writing.* https://doi.org/10.1007/s11145-022-10324-z

Edwards, A. A., van Dijk, W., White, C. M., & Schatschneider, C. (2022). Screening screeners: Calculating classification indices using correlations and cut-points. *Annals of Dyslexia.* https://doi.org/10.1007/s11881-022-00261-5

Steacy, L. M., Rigobon, V. M., **Edwards, A. A.**, Abes, D. R., Marencin, N. C., Smith, K., Elliott, J. D., Wade-Woolley, L., & Compton, D. L. (2022). Modeling complex word reading: Examining lexical influences at the level of the word and child on mono and polymorphemic word reading. *Scientific Studies of Reading.* https://doi.org/10.1080/10888438.2022.2077109

Tibi, S., & **Edwards, A. A.,** Kim, Y., Schatschneider, C., & Boudelaa, S. (2022). The contributions of letter features to Arabic letter knowledge for Arabic-speaking kindergarteners. *Scientific Studies of Reading,* 26(5) 357-372. https://doi.org/10.1080/10888438.2021.2016769

Edwards, A. A., Steacy, L. M., Sieglman, N., Rigobon, V. M., Kearns D. M., Rueckl, J, G., & Compton D. L. (2022). Unpacking the unique relationship between set for variability and word reading development: Examining word- and child-level predictors of performance. *Journal of Educational Psychology*, 114(6), 1242–1256. https://doi.org/10.1037/edu0000696

Shero, J., van Dijk W., **Edwards, A. A.,** Schatschneider, C., & Hart, S. A. (2021). The practical utility of genetic screening in school settings. NPJ *science of learning,* 6(1), 1-10. https://doi.org/10.1038/s41539-021-00090-y

Edwards, A. A., Joyner, K, J., & Schatschneider, C. (2021). A simulation study on the performance of different reliability estimation methods. *Educational and Psychological Measurement,* 81(6) 1089-1117. https://doi.org/10.1177/0013164421994184

Schatschneider, C., **Edwards, A. A.,** & van Dijk, W. (2020). The methodology of the national reading panel report: Then and now. *The Reading League Journal, 1(3), 16-19.*

Tibi, S., **Edwards, A. A.**, Schatschneider, C., Lombardino, L. J., & Kirby, J. R. (2020). IRT Analyses of Arabic Letter Knowledge in Kindergarten. *Reading and Writing,* 34(3), 791-816.

Steacy, L. M., **Edwards, A. A.,** Rueckl, J. G., Petscher, Y., & Compton, D. L. (2020). Modeling and visualizing the co-development of word and nonword reading in children from first through fourth grade: Informing developmental trajectories of children with dyslexia. *Child Development,* 92(3), 252-269. https://doi.org/10.1111/cdev.13468

Steacy, L. M., Petscher, Y., Elliott, J. D., Smith, K., Rigobon, V. M., Abes, D., **Edwards, A. A.,** Himelhoch, A., Rueckl, J. G., & Compton, D. L. (2020). The effect of facilitative vs. inhibitory word training corpora on word reading accuracy growth in children with dyslexia. *Learning Disability Quarterly,* 44(3), 158-169. https://doi.org/10.1177/0731948720938684

Steacy, L. M., Fuchs, D., Gilbert, J. K., Kearns, D. M., Elleman, A. M., & **Edwards, A. A.** (2020). Sight word acquisition in first grade students at-risk for reading disabilities: An item-level exploration of the number of exposures required for mastery. *Annals of Dyslexia,* 70(2), 259-274. https://doi.org/10.1007/s11881-020-00198-7

Wagner, R. K., Zirps, F. A., **Edwards, A. A.,** Wood, S. G., Joyner, R. E., Becker, B. J., Liu, G., & Beal, B. (2020). The prevalence of dyslexia: a new approach to its estimation. *Journal of Learning Disabilities,* 53(5), 354-365. https://doi.org/10.1177/0022219420920377

Tibi, S., **Edwards, A. A.,** Schatschneider, C., & Kirby, J. R. (2020). Predicting Arabic word reading: a cross-classified generalized random-effects analysis showing the critical role of morphology. *Annals of Dyslexia,* 70(2) 200-219. https://doi.org/10.1007/s11881-020-00193-y

Edwards, A. A., & Schatschneider, C. (2019). Magnocellular pathway and reading rate: an equivalence test analysis. *Scientific Studies of Reading*, 24(3), 264-273. https://doi.org/10.1080/10888438.2019.1663856

Wagner, R. K., **Edwards, A. A.,** Malkowski, A., Schatschneider, C., Joyner, R. E., Wood, S., & Zirps, F. A. (2019) Combining old and new for better understanding and predicting dyslexia. *New Directions for Child and Adolescent Development,* 2019(165) 11-23. https://doi.org/10.1002/cad.20289

Tighe, E. L., Little, C. W., Arrastia-Chisholm, M. C., Schatschneider, C., Diehm, E., Quinn, J. M., & **Edwards, A. A.** (2018). Assessing the direct and indirect effects of metalinguistic awareness to the reading comprehension skills of struggling adult readers. *Reading and Writing*, 32(3), 787-818. https://doi.org/10.1007/s11145-018-9881-2

Mounts, J., R., W., & **Edwards, A. A.,** (2017). Attentional breadth and trade-offs in spatial and temporal acuity, *Visual Cognition*, 24:7-8, 422-433, doi: 10.1080/13506285.2017.1294637

Edwards, A., Massicci, A., Sridharan, S., Geigel, J., Wang, L., Bailey, R., Ovesdotter Alm, C. (2017, March). Sensor-based methodological observations for studying online learning. In *Proceedings of the SmartLearn Workshop: Intelligent Interfaces for Ubiquitous and Smart Learning* (pp. 25-30). https://doi.org/10.1145/3038535.3038536

Manuscripts under review

Edwards, A. A., van Dijk, W., Tripodi, S. J., & Hart, S. A. (under review). Data sharing for randomized control trials in social work. *Research on Social Work Practice*.

Chia, K., **Edwards, A. A.,** Schatschneider, C., & Kaschak, M. P. (under review). Structural repetition in responses to indirect requests. *Glossa: Psycholinguistics*.

Rigobon, V. M., Abes, D., Gutierrez, N., **Edwards, A. A.,** Steacy, L. M., & Compton, D. L. (under review). Does cognate knowledge contribute to accurate English word spelling in adult bilinguals?. *Bilingualism: Language and Cognition*.

Edwards, A. A., Rigobon, V. M., Steacy, L. M., & Compton, D. L. (under review). Spelling to pronunciation transparency ratings. *Behavior Research Methods*.

Manuscripts in preparation

Edwards, A. A., Rigobon, V. M., Steacy, L. M., & Compton, D. L. (in prep). Set for variability's importance in word reading is more critical under conditions that may lead to partial decoding.

Edwards, A. A., Rigobon, V. M., Steacy, L. M., & Compton, D. L. (in prep). The importance of orthographic consistency in set for variability.

Edwards, A. A., Rawlinson, H. C., & Schatschneider, C. (in prep). Rapid automatized naming: Does the selection of letters matter?.

Edwards, A. A., & Wagner, R. K., & Zirps, F. A. (in prep). Reconceptualizing the prevalence of dyslexia as a distribution rather than a number.

Textbook Chapters

Compton, D.L., Steacy, L.M., Petscher, Y., Rigobon, V.M., **Edwards, A.A.**, & Gutiérrez, N. (2022). Individual differences in learning to read words: An update and extension. In M. Snowling, C. Hulme, & K. Nation (Eds.). *The Science of Reading: A Handbook, 2nd Edition*. Hoboken, NJ: John Wiley & Sons Publishers.

Compton, D.L., Steacy, L.M., Gutiérrez, N., Rigobon, V.M., **Edwards, A.A.**, & Marencin, N.C. (in press). The development of early orthographic representations in children: The lexical asymmetry hypothesis and its implications for children with dyslexia. In S. Cabell, S. B. Neuman, & N. Patton-Terry (Eds.). *Handbook on the Science of Early Literacy*.

Workshops and Invited talks

Harris, M., Santangelo, D., **Edwards, A.**, Little, C.W. (2022, September). Evaluation of Heggerty & Hardman Programs End of Year Check-In. Leon County Schools ReadUp: Reading Monthly Meeting Tallahassee, FL.

Torgesen, A. & **Edwards, A.** (2022, July). *Tell your data story with Shiny*. Workshop presented at the Society for the Scientific Studies of Reading Preconference, Newport Beach, CA.

Edwards, A. (2021, September). *Experiences as an individual with dyslexia*. Talk presented to undergraduate psychology class at Florida State University, Tallahassee, FL.

Edwards, A. & Shero, J. (2021, February). *Data de-identification procedures for data sharing*. Workshop presented at Virtual Unconference on Open Scholarship Practices in Education Research.

Edwards, A. (2020, February). *Intro to RMarkdown*. Workshop presented to graduate Psychometrics class at Florida State University, Tallahassee, FL.

Edwards, A. (2019, November). *Intro to metafor in R*. Workshop presented to graduate Meta-analysis class at Florida State University, Tallahassee, FL.

Compton, D., **Edwards, A.**, & Rigobon, V. (2019, October). *Foundations of Dyslexia: The Science, The Media, & The Individual*. Talk presented at Florida State University's College of Education. Tallahassee, FL

Edwards, A. (2019, September). *Experiences as an individual with dyslexia*. Talk presented to undergraduate psychology class at Florida State University, Tallahassee, FL.

Edwards, A. (2019, February). *Intro to data visualization in R workshop*. Workshop presented at Florida State University, Tallahassee, FL.

Edwards, A. (2018, December). *Intro to SEM in R*. Workshop presented to graduate SEM class at Florida State University, Tallahassee, FL.

Edwards, A. (2018, August). *Intro to R workshop*. Workshop presented at Florida State University, Tallahassee, FL.

Poster Presentations and Conference Proceedings

Steacy, L., **Edwards, A.**, Marencin, N., Gutierrez, N., Rueckl, J., Siegelman, N., Rigobon, V., & Compton, D. (2022, July). *Examining set for variability in word reading and spelling: an introduction*. Talk presented at the Twenty-Ninth Annual Meeting of the Society for the Scientific Study of Reading, Newport Beach, CA.

Edwards, A., Rigobon, V., Steacy, L., Siegelman, N., Rueckl, J., & Compton, D. (2022, July). *The importance of SfV in word reading under conditions that may lead to partial decoding*. Paper presented at the Twenty-Ninth Annual Meeting of the Society for the Scientific Study of Reading, Newport Beach, CA.

Rigobon, V., **Edwards, A.**, Steacy, L., & Compton, D. (2022, July). *Is SfV a purely phonological measure?* Paper presented at the Twenty-Ninth Annual Meeting of the Society for the Scientific Study of Reading, Newport Beach, CA.

Marencin, N., Compton, D., Steacy, L., **Edwards, A.**, & Rigobon, V. (2022, July). *Exploring the impact of set for variability in reading instruction*. Talk presented at the Twenty-Ninth Annual Meeting of the Society for the Scientific Study of Reading, Newport Beach, CA.

Santangelo, D., Schatschneider, C. & **Edwards, A.** (2022, July). *Rapid automatized naming and the influence of bigram frequency on naming speed: a meta-analysis*. Poster presented at the Twenty-Ninth Annual Meeting of the Society for the Scientific Study of Reading, Newport Beach, CA.

Rigobon, V. M., Marencin, N., Gutierrez, N., **Edwards, A. A.**, Abes, D. R., Bell, L., Himelhoch, Steacy, L. M., & Compton, D. L. (2021, November). *Exploring Encoding Proficiency for Complex Words and the Developing Orthographic Representations of Young Adults*. Oral seminar presented at the 2021 American Speech-Language-Hearing Association (ASHA) Convention, Washington, D.C.

Edwards, A. A., Steacy, L. M., Sieglman, N., Rigobon, V. M., Kearns D. M., Rueckl, J, G., & Compton D. L. (2021, July). *Unpacking the unique relationship between set for variability and word reading development: Examining word- and child-level predictors of performance.* Poster presented at the Twenty-Eighth Annual Meeting of the Society for the Scientific Study of Reading, Virtual.

Rigobon, V. M., Gutiérrez, N., **Edwards, A. A.,** Marencin, N., Bell, L. R., Abes, D., Himelhoch, C. C., Diaz, K., Steacy, L. M. & Compton D. L. (2021, July). *Unique Predictors of Irregular Word Spelling in Adults.* Paper presented at the Twenty-Eighth Annual Meeting of the Society for the Scientific Study of Reading, Virtual.

Gutiérrez, N., Rigobon, V. M., Marencin, N., Bell, L. R**., Edwards, A. A.**, Abes, D., Steacy, L. M. & Compton D. L. (2021, July). *The role of the schwa in the quality of adult's lexical representation.* Paper presented at the Twenty-Eighth Annual Meeting of the Society for the Scientific Study of Reading, Virtual.

Marencin, N., Gutiérrez, N., Rigobon, V., Raines, R., Bell, L., Abes, D., **Edwards, A.,** Steacy, L., & Compton, D., (2021, July). *Exploring Continuous Measures of Complex Word Misspellings in Adults: A Latent Profile Analysis.* Poster presented at the twenty-eighth annual meeting of the Society of Scientific Study of Reading, Virtual Conference.

Compton, D.L., Steacy, L.M., Rueckl, J. G., Petscher, Y., Rigobon, V. M., **Edwards, A. A.,** Abes, D., Smith, K., & Marencin, N. C. (2021, July). *Evaluating the effects of short-term word exposures on the reading of nonwords with variable vowels: A look at initial results.* Poster presented at the twenty-eighth annual meeting of the Society of Scientific Study of Reading, Virtual Conference.

Tibi, S., & **Edwards, A. A.** (2021, April). *An investigation of five letter features in Arabic letter knowledge.* Paper presented at Experimental Arabic Linguistics 2021, Virtual.

Edwards, A. A., Steacy, L. M., Sieglman, N., Rigobon, V. M., Kearns D. M., Rueckl, J, G., & Compton D. L. (2021, January). *Unpacking the unique relationship between set for variability and word reading development: Examining word- and child-level predictors of performance.* Poster presented at the NICHD Learning Disabilities Research Centers' Principal Investigator Meeting, Virtual.

Edwards, A. (2020, November). *Screening for dyslexia: Things we need to know.* Poster presented at the 71st Annual International Dyslexia Association Conference, Virtual.

Rigobon, V., **Edwards, A.,** Steacy, L., & Compton, D. (2020, October). *Word ratings of spelling-to-pronunciation transparency.* Poster presented at the Florida Psycholinguistics Meeting, Virtual.

Edwards, A., Wagner, R., Steacy, L., Gatlin, B., & Al Otaiba, S. (2019, December). *Exploring the co-development of sight word efficiency and phonemic decoding efficiency using latent change score modeling.* Poster presented at the NICHD Learning Disabilities Research Centers' Principal Investigator Meeting, Tallahassee, FL.

Steacy, L., **Edwards, A.,** Rueckl, J., Petscher, Y., & Compton, D. (2019, December). *Modeling and visualizing the co-development of word and nonword reading in children from first through fourth grade: Informing developmental trajectories of children with dyslexia.* Poster presented at the NICHD Learning Disabilities Research Centers' Principal Investigator Meeting, Tallahassee, FL.

Rigobon, V., Abes, D., Gutierrez, N., **Edwards, A.,** Steacy, L., & Compton, D. (2019, December). *Bilinguals' word representations: how does cognate knowledge contribute to English word spelling?* Poster presented at the NICHD Learning Disabilities Research Centers' Principal Investigator Meeting, Tallahassee, FL.

Edwards, A., Rigobon, V., Abes, D., Steacy, L., & Compton, D. (2019, November). *Examining spelling accuracy in college students: Are familiarity and set for variability predictors?* Poster presented at the 70th Annual International Dyslexia Association Conference, Portland, OR.

Steacy, L., **Edwards, A.,** Rueckl, J., Petscher, Y., & Compton, D. (2019, November). *Modeling and visualizing the co-development of word and nonword reading in children from first through fourth grade: Informing developmental trajectories of children with dyslexia.* Poster presented at the 70th Annual International Dyslexia Association Conference, Portland, OR.

Rigobon, V., Abes, D., Gutierrez, N., **Edwards, A.,** Steacy, L., & Compton, D. (2019, November). *Bilinguals' word representations: how does cognate knowledge contribute to English word spelling?* Poster presented at the 70th Annual International Dyslexia Association Conference, Portland, OR.

Edwards, A. (2019, July). *Magnocellular pathway and reading rate: an equivalence test analysis.* Paper presented at the Twenty-Sixth Annual Meeting of the Society for the Scientific Study of Reading, Toronto, Canada.

Rigobon, V., Weiner, J., Abes, D., Gutierrez, N., **Edwards, A.,** Steacy, L., & Compton, D. (2019, July). *Bilinguals' orthographic representations: how does shared cognate knowledge contribute to accurate English word spelling?* Poster presented at the Twenty-Sixth Annual Meeting of the Society for the Scientific Study of Reading, Toronto, Canada.

Edwards, A. (2019, April). *Magnocellular pathway and reading rate: an equivalence test analysis.* Paper presented at the Florida State University Graduate Research Day, Tallahassee, FL.

Edwards, A. & Daucourt, M. (2019, April). *Classification of response to intervention for an early reading intervention*. Poster session presented at Machine Learning Expo 2019, Tallahassee, FL.

Daucourt, M. & **Edwards, A.** (2019, April). *Classification and regression tree (CART) analysis of early reading outcomes*. Poster session presented at Machine Learning Expo 2019, Tallahassee, FL.

Edwards, A. & Mounts, J. (2017, April). *Attentional breadth and trade-offs in spatial and temporal acuity.* Poster session presented at GREAT Day 2017, Geneseo, NY.

Edwards, A., Matyasovszky, G., Hillis, M., Nguyen, A., & Mounts, J. (2017, April). *The Effects of Endogenous Attention on Spatial and Temporal Processing.* Poster session presented at GREAT Day 2017, Geneseo, NY.

Edwards, A., Massicci, A., Sridharan, S., Geigel, J., Wang, L., Bailey, R., Ovesdotter Alm, C. (2017, March). Sensor-based methodological observations for studying online learning. Paper presented at *Proceedings of the SmartLearn Workshop: Intelligent Interfaces for Ubiquitous and Smart Learning (at IUI 2017).*

Kirsh, S., Mounts, J., Schneider, M., Cameron, J., Choi, A., Garber, S., Hermitt, O., Pack, M., Schulman, D., Wakwella, S., **Edwards, A.,** Iwamoto, N., Emengo, P., Khamseh, A., & Sider, N. (2017). *Video game play, racism, trait aggression, and gender are associated with responding to the police officer's dilemma task.* Poster presented at Association for Psychological Science 29th Annual Convention, Boston, MA.

Edwards, A., Massicci, A., Sridharan, S., Bailey, R., Geigel, J., Wang, L., & Ovesdotter Alm, C. (2016, October). *Technologically observable psychophysiological correlates with video-based online learning.* Poster session presented at Council on Undergraduate Research's Research Experiences for Undergraduates Symposium, Arlington, VA.

Edwards, A. & Mounts, J. (2016, October). *Attentional breadth and trade-offs in spatial and temporal acuity.* Poster session presented at Council of Public Liberal Arts Colleges' Northeast Regional Undergraduate Research, Scholarly and Creative Activity Conference, North Adams, MA.

Edwards, A., Massicci, A., Sridharan, S., Bailey, R., Geigel, J., Wang, L., & Ovesdotter Alm, C. (2016, August). *Technologically observable psychophysiological correlates with video-based online learning.* Poster session presented at RIT Undergraduate Research Symposium 2016, Rochester, NY.

Edwards, A., Kaba, S., Nering, E., Mirabile, D., & Mounts, J. (2016, April). *Attentional breadth and trade-offs in spatial and temporal acuity.* Poster session presented at GREAT Day 2016, Geneseo, NY.

Edwards, A., Huebler, C., Kislin, J., Keuhnert, A., Thomas, P., & Pastizzo, M. (2015, April). *Facilitatory effects of shared form and meaning: The role of phonesthemes in reading.* Poster session presented at GREAT Day 2015, Geneseo, NY.

Research Experience

Graduate Researcher in the Compton-Steacy Lab   **January 2019-April 2022**
Engaged in research in the field of reading and education research at FSU

Graduate Researcher in Dr. Schatschneider's Lab   **August 2017-April 2022**
Engaged in research in the field of Developmental Psychology at FSU

Undergraduate Researcher in Dr. Mounts' Attention and Perception Lab   **August 2014-May 2017**
Engaged in research in the field of Cognitive Psychology at SUNY Geneseo

NSF Research Experience for Undergraduates in Computational Sensing   **May 2016-August 2016**
Engaged in interdisciplinary research at Rochester Institute of Technology

Undergraduate Researcher in Dr. Pastizzo's Language Processing Lab   **August 2014-December 2015**
Engaged in research in the field of Cognitive Psychology/Psycholinguistics at SUNY Geneseo
Lab Coordinator Spring 2014
Research Assistantship recipient Fall 2015

Teaching Experience

Lecture Instructor for Research Methods   **January 2021-May 2021**
Taught as the instructor of record for undergraduate research methods online focused on an introduction to research design and statistics

Lab Instructor for Research Design and Analysis 1 (aka graduate ANOVA)   **August 2018-December 2020**
Taught the lab portion of ANOVA in which I instructed on how to perform statistics relating to ANOVA in R and SPSS

Supplemental Instruction Leader for MATH 221: Calculus 1   **January 2016-December 2016**
Taught two review sessions per week, held office hours, and met with students to answer questions

Honors and Awards

Graduate Research Day 2022 2nd place best talk ($500)
P.E.O. Scholar Award 2021 ($20,000)
Best Developmental Psychology Data-Blitz at Graduate Research Day 2021 ($100)
2021 Mark & Gloria Charness Cognitive Science Award ($1000)
Advanced PIE Teaching Training Recognition
2020 IDA Student Researcher Scholarship winner
Legacy Fellowship ($50,000)
President's list
Phi Eta Sigma National Honor Society
Golden Key International Honor Society
Phi Beta Kappa Honor Society
Psi Chi International Honor Society
    Leadership positions held in the Geneseo chapter of Psi Chi:
- Research Chair Spring 2015-Spring 2017
- WebMaster Spring 2016-Spring 2017

Outstanding Research Contribution Award
Dean Johnston Student Research Assistantship

Memberships

Association for Women in Science
Society for the Scientific Study of Reading
International Dyslexia Association
Providing Opportunities for Women in Education Research

Academic Service

Ad hoc reviewer for:

Journal of Research in Reading	PsychOpen – Journal of Numerical Cognition
Journal of Learning Disabilities	Acta Psychologica
International Journal of Testing	New Review of Hypermedia and Multimedia
Annals of Dyslexia	Developmental Psychology

Shiny apps

Shiny apps are R based web links that contain interactive data visualization or analyses
https://wordreadinggrowth.shinyapps.io/vector_plot/
https://qmi-fcrr.shinyapps.io/Correlations_Cut-Points_Classification/
https://edwards.shinyapps.io/magno_and_reading/
https://idcdlab.shinyapps.io/hart_and_ganley/
https://wordreadinggrowth.shinyapps.io/exposures_to_mastery/
https://edwards.shinyapps.io/bigrams/
https://qmi-fcrr.shinyapps.io/Reading_Anxiety/

Open Science products

LDbase data repository team member

Edwards, A., & Schatschneider, C. (2020). 5 things to check for data de-identification. Available at https://venngage.net/ps/5p6yjaAGTSs/new-5-things-to-check-for-data-deidentification. Reuse available under a CC BY 4.0 license.

Edwards, A., & Schatschneider, C. (2020): De-Identification Guide. figshare. Preprint. https://doi.org/10.6084/m9.figshare.13228664.v1

Edwards, A., van Dijk, W., & Hart, S.A. (2020). 10 benefits of data sharing. Available https://venngage.net/ps/Uz65vsS6hI/new-10-benefits-of-data-sharing. Reuse available under a CC BY 4.0 license.

Open data/open code:

https://github.com/ashleyaedwards

Preregistrations:

https://osf.io/dghta/

Preprints:

https://psyarxiv.com/hzs5p/	https://psyarxiv.com/2m4wa/
https://psyarxiv.com/9a8yd/	https://psyarxiv.com/syhxq/
https://psyarxiv.com/n97zv/	https://psyarxiv.com/2wmk5/
https://psyarxiv.com/xzc52/	https://psyarxiv.com/mau7s/

Programming Experience

Python, PsychoPy	E-Prime
R	SPSS

Excel   STATA
Javascript   Latex

Analysis Experience

ANOVA   Meta-analysis
Regression   Dominance Analysis
Item Response Theory (IRT)   Quantile Regression
Explanatory IRT   Logistic Regression
Hierarchical Linear Modeling   Equivalence Testing
Structural Equation Modeling   Correlation Comparison
Growth Modeling   Propensity Score Matching
Latent Change Score Modeling   Differential Item Functioning
Classification and Regression Tree (CART)   Classification Agreement
Random Forest

Community Service/Volunteering

Tech volunteer for Symposium on Diversity & Inclusion in Research and Teaching   September 2020
Coordinated zoom, monitored waiting room and mics for keynote speaker

Vice President of Danny's Helping Hands   March 2019-May 2022
Danny's Helping Hands is an organization that helps provide families in the area with short term financial
assistance. Examples include but are not limited to school supplies, holiday gifts, groceries, etc.

Brain Fair   April 2018 & March 2019
Community neuroscience outreach
Ran the arts and crafts room, teaching children about the parts of the brain and parts of a neuron

Arduino microcontroller programming intro   June 2018
Community STEM outreach
Taught kids (middle school age) arduino microcontroller and Python

Women in STEM at RIT   February 2017
Community STEM outreach
Presented eye tracking technology to Girl Scouts

Founder and Coordinator of Geneseo Helping Geneseo Dyslexics   Fall 2015-December 2016
I came up with and implemented the idea of having Geneseo students help students at Geneseo with dyslexia
by volunteering their time to read sections of a textbook or required text aloud to make an audio recording
which will then be made available free of charge to students at Geneseo with qualifying disabilities.