

Curriculum Vitae
Jeffrey Shero, Ph.D., M.P.A.
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University address:
Vanderbilt University,
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Training and Experience

Education

2023 – *Doctor of Philosophy, major: Developmental Psychology*
The Florida State University, College of Arts and Sciences, Tallahassee, Florida

Shero, J. (2023). *A simulation study on a Novel Genetic Proxy Control Method: Testing the Familial Control Method.*

2019 – *Master of Science, major: Developmental Psychology*
The Florida State University, College of Arts and Sciences, Tallahassee, Florida

Shero, J. (2019). *The intersection between school efficiency and student individual differences.*

2018 - *Master of Public Administration, focus on Educational Policy*
The Ohio State University, John Glenn College of Public Affairs, Columbus, Ohio

Shero, J. & Dixon, C. (2018). *Utilizing weighted-student funding to decrease Ohio's academic achievement gaps.* Unpublished master's capstone project.

2016 – *Bachelor of Science, major: Human Development and Family Sciences*
The Ohio State University, College of Education and Human Ecology, Columbus, Ohio

Professional Experience

2023-Present *Postdoctoral Research Scholar*, Nashville, Tennessee

Vanderbilt University Peabody College of Education, Department of Special Education

2020-Present *Epidemiologist/Biostatistician Consultant*, Tallahassee, Florida
Florida Department of Health, Children's Medical Services Epidemiology Unit

2023-2023 *Postdoctoral Scholar*, Tallahassee, Florida
Florida Center for Reading Research, LDBase Data Repository and Florida LDRC

2019-2023 *Research Assistant*, Tallahassee, Florida
The Florida State University, Department of Psychology
Florida Center for Reading Research, LDBase Data Repository and Florida LDRC

Scientific Contributions

Refereed Journal Articles

Shero, J.A., Erbeli, F., Reed, Z., Haughbrook, R., Davis, O., Hart, S.A., & Taylor, J.E. (Manuscript accepted). Where you live matters: Visualizing environmental effects on reading attainment. *Journal of Child Psychology and Child Psychiatry*. Preprint available at <https://psyarxiv.com/xjwsb/>

Shero, J.A. & Hart, S.A. (2022). Methodological decisions and their impacts on the perceived relations between school funding and educational achievement. *Frontiers in Education*, 7. <https://doi.org/10.3389/feduc.2022.1043471>.

Chan, E.S.M., **Shero, J.A.**, Hand, E.D., Cole, A.M., Gaye, F., Spiegel, J.A., & Kofler, M.J. (2022). Are reading interventions effective for children with ADHD? A meta-analysis. *Journal of Attention Disorders*, 27(2), 182-200.

Johnson, R.M., Little, C., **Shero, J.A.**, van Dijk, W. Holden, L.R., Daucourt, M., Norris, C.U., Ganley, C.M., Taylor, J., & Hart, S.A. (accepted as stage 1 registered report). Educational experiences of united states children during the 2020-2021 school year in the context of the COVID-19 pandemic. *Developmental Psychology*.

Shero, J.A. Al Otaiba, S., Schatschneider, C., & Hart, S.A. (2021). Data envelopment analysis (DEA) in the educational sciences. *Journal of Experimental Education*, 90(4), 1021-1040. <https://doi.org/10.1080/00220973.2021.1906198>

Shero, J.A., Van Dijk, W., Edwards, A., Solari, E., Schatschneider, C., & Hart, S.A. (2021). The practical utility of genetic screening in school settings. *Npj Science of Learning*, 6(12). <https://doi.org/10.1038/s41539-021-00090-y>

Shero, J.A., Logan, J., Petrill, S., Wilcutt, E., & Hart, S.A. (2021). The differential relations between ADHD and reading achievement: A quantile regression and quantile genetic approach. *Behavior Genetics*, 5, 631-653. <https://doi.org/10.1007/s10519-021-10077-5>

Papers Under Review

Burt, A.S., Shewark, E.A., **Shero, J.A.**, Pearson, A.L., Neiderhiser, J.M., Klump, K.L., & Lonstein, J.S. *Child effects of maternal nurturance vary with neighborhood opportunity.* (under review as revise and resubmit)

Shero, J.A., MacDonald, M., Kirby, R.S., Lowry, J., Lake-Burger, H., & Brooks, R. *Disparities in congenital and late onset hearing loss.* (under review)

Norris, C., Haughbrook, R., **Shero, J.A.**, & Hart, S.A. *A quantile regression analysis of the relationship between student response to intervention and socioeconomic status.* (under review) available at <https://psyarxiv.com/xqbc5/>

Shero, J.A., Little, C., Hicks, A., Ganley, C.M., Taylor, J., Kennedy, P., & Hart, S.A. *From learning to read to reading to learn: Developmental relations between reading fluency and reading comprehension among twins.* (under review as registered report)

Daucourt, M.C., **Shero, J.A.**, Little, C., Petscher, Y., Haughbrook, R., Barroso, C., Schatschneider, C., & Hart, S.A. *The role of schools and districts in the black-white achievement gap in reading: A linear quantile mixed modeling approach.* (under review as revise and resubmit)

Zuckerman, A.P., **Shero, J.A.**, Beard, M., Thompson, L.A., & Petrill, S.A. *Risk and protective factors of kindergarten language skills for third-grade reading outcomes: A quantile regression and exploratory quantile genetic analysis.* (under review as revise and resubmit)

Papers in Preparation

Shero, J.A. & Hart, S.A. *The intersection between school efficiency and student individual differences.* (in preparation) available at <https://psyarxiv.com/w7a8j>

Shero, J.A. & Hart, S.A. *The relation between socioeconomic status and academic achievement: A meta-analytic review.* (in preparation) Pre-registration available at https://www.crd.york.ac.uk/prospero/display_record.php?RecordID=156210

Presentations

Shero, J.A., Little, C., Hicks, A., Ganley, C.M., Taylor, J., Kennedy, P., & Hart, S.A. (2023). *From learning to read to reading to learn: Developmental relations between reading fluency and reading comprehension among twins.* Symposium Presentation at Behavior Genetics Association Annual Meeting.

- Zhu, Z., Zuckerman, A.P., **Shero, J.A.**, Willcutt, E.G., Petrill, S.A., Thompson, L.A. (2023). How relations between early reading skills and 3rd grade mathematical outcomes vary across the distribution: A quantile regression approach. Poster Presentation at Behavior Genetics Association Annual Meeting.
- Shero, J.A.** (2023). *Data Deidentification for Open Science*. Workshop at the Florida State University Department of Psychology.
- Connor, C., **Shero, J.A.**, Solari, E.J., & Marks, R. (2023). *Reading and language ability of English learners with autism: An analysis of school level data*. Poster Presentation at International Society for Autism Research 2023 Annual Meeting.
- Whitby, P., Guinazzo, E., Friberg, R., **Shero, J.A.**, Norris, C.U., & Hart, S.A. (2023). *RAN predicting self-reported ADHD family risk and academic performance*. Conference Presentation at Florida State University Undergraduate Research Day (advising role).
- Shero, J.A.**, Erbeli, F., Reed, Z., Haughbrook, R., Davis, O., Taylor, J., & Hart, S.A. (2023). *Where you live matters: Visualizing environmental effects on reading attainment*. Paper presentation at Florida State University Graduate Research Day.
- Johnson, R.M., Little, C., **Shero, J.A.**, van Dijk, W. Holden, L.R., Daucourt, M., Norris, C.U., Ganley, C.M., Taylor, J., & Hart, S.A. (2023). *Educational experiences of united states children during the 2020-2021 school year in the context of the COVID-19 pandemic*. Poster presentation at Florida State University Graduate Research Day.
- Shero, J.A.**, Erbeli, F., Reed, Z., Haughbrook, R., Davis, O., Taylor, J., & Hart, S.A. (2023). *Where you live matters: Visualizing environmental effects on reading attainment*. Poster presentation at Biennial Society for Research in Child Development Conference.
- Shero, J.A.** (2023). *Data Deidentification for Open Science*. Workshop at the Florida Center for Reading Research.
- Logan, J.A., Hart, S.A., **Shero, J.A.**, Swanz, E., & Hanson, A. (2022). *How to build a data management system to enable data sharing*. Workshop at the Society for Research on Educational Effectiveness Annual Conference.
- Henry, A.R., **Shero, J.A.**, Conner, C., Solari, E.J., & Hart, S.A. (2022). *Comparing reading profiles of first-grade students with autism and first-grade students with specific language impairment*. Poster presentation at Society for the Scientific Studies of Reading Annual Conference.
- Shero, J.A.**, Erbeli, F., Reed, Z., Haughbrook, R., Davis, O., Taylor, J., & Hart, S.A. (2022). *Where you live matters: Visualizing environmental effects on reading attainment*. Paper presentation at Behavior Genetics Association Annual Conference.

- Shero, J.A.** & Hart, S.A. (2022). *The relation between socioeconomic status and academic achievement: A meta-analytic review*. Poster presentation at Florida State University Graduate Research Day.
- Shero, J.A.**, Logan, J., Petrill, S., Wilcutt, E., & Hart, S.A. (2021). *The differential relations between ADHD and reading achievement: A quantile regression and quantile genetic approach*. Poster presentation at the Behavior Genetics Association Annual Conference.
- Shero, J.A.**, Van Dijk, W., Edwards, A., Solari, E., Schatschneider, C., & Hart, S.A. (2021). *The practical utility of genetic screening in school settings*. Paper presentation at The Integrating Genetics and the Social Sciences conference.
- Shero, J.A.**, Logan, J., Petrill, S., Wilcutt, E., & Hart, S.A. (2021). *The differential relations between ADHD and reading achievement: A quantile regression and quantile genetic approach*. Poster presentation at the Florida State University Graduate Research Day.
- Chan, E.S.M., **Shero, J.A.**, Hand, E.D., Cole, A.M, Gaye, F. & Kofler., M.J. (2021). *Are reading interventions effective for children with ADHD? A meta-analysis*. Poser Presented at the ADHD Special Interest Group at the 54th Annual Convention of the Association of Behavioral and Cognitive Therapies (ABCT), Virtual Convention.
- Norris, C., **Shero, J.A.**, Haughbrook, R., & Hart, S.A. (2021). *SES and response to treatment: A quantile regression approach*. Poster presentation at Society for Research in Child Development Biennial Meeting.
- Chan, E.S.M., **Shero, J.A.**, Hand, E., Condo, J., Macias, M., & Kofler, M. (2021). *A meta-analytic review of reading intervention treatment effects for ADHD*. Poster presentation at the Society for Research in Child Development Biennial Meeting. Conference cancelled due to COVID-19.
- Shero, J.A.** & Edwards, A. (2021). *Data de-identification procedures for data sharing*. Workshop at the Center for Open Science: Virtual Unconference on Open Scholarship Practices in Education Research.
- Shero, J.A.**, Logan, J., Petrill, S., Wilcutt, E., & Hart, S.A. (2021). *The differential relations between ADHD and reading achievement: A quantile regression and quantile genetic approach*. Poster presentation at the NICHD Learning Disabilities Research Centers Consortium Annual Meeting.
- Shero, J.** & Hart, S.A. (2020). *Exploring the co-development of reading comprehension and mathematics achievement: A twin study*. Paper presentation at International Mind, Brain, and Educational Society 2020 Conference. Conference cancelled due to COVID-19.
- Shero, J.**, Hart, S., Logan, J., Petrill, S., Wilcutt, E., & Catts, H. (2020). *The relationship between ADHD and reading achievement: A quantile regression and quantile genetic approach*. Paper presentation at the Society for the Scientific Studies of Reading. Conference cancelled due to COVID-19

Hicks, A., **Shero, J.**, & Hart, S.A. (2019). *The National Project on Achievement in Twins*. Poster presentation at the NICHD Learning Disabilities Research Centers Consortium Annual Meeting.

Norris, C., **Shero, J.A.**, Haughbrook, R., & Hart, S.A. (2019). *SES and response to treatment: A quantile regression approach*. Poster presentation at the NICHD Learning Disabilities Research Centers Consortium Annual Meeting.

Shero, J. & Hart, S.A. (2019). *The potential for polygenic risk scores in educational settings*. Poster presentation at the NICHD Learning Disabilities Research Centers Consortium Annual Meeting.

Shero, J. (2019). *Data Envelopment Analysis in the Developmental Sciences*. Poster presentation at the Florida State University Graduate Research Day.

Non-Refereed Articles/White Papers

Schatschneider, C., Edwards, A., & **Shero, J.A.** (2021). *Deidentifying data*. Retrieved at https://figshare.com/articles/preprint/De-Identification_Guide/13228664

Shero, J.A. & Hart, S.A. (2020). *Working with your IRB: Obtaining consent for open data sharing through consent forms and data use agreements*. Retrieved at [https://figshare.com/articles/preprint/Working_with_your_IRB_Obtaining_consent_for_o
pen_data_sharing_through_consent_forms_and_data_use_agreements/13215305](https://figshare.com/articles/preprint/Working_with_your_IRB_Obtaining_consent_for_open_data_sharing_through_consent_forms_and_data_use_agreements/13215305)

Shero, J.A. & Hart, S.A. (2020). *Informed consent template for open science*. Retrieved at https://figshare.com/articles/preprint/Informed_Consent_Template/13218773

Shero, J.A. & Hart, S.A. (2020). *IRB protocol template for open science*. Retrieved at https://figshare.com/articles/preprint/IRB_Protocol_Template/13218797

Other Projects

Hart, S.A., Schatschneider, C., Reynolds, T.R., Calvo, F.E., Brown, B.J., Arsenault, B., Hall, M.R.K., van Dijk, W., Edwards, A.A., **Shero, J.A.**, Smart, R. & Phillips, J.S. (2020). *LDBase*. <http://doi.org/10.33009/ldbbase>.

Teaching and Mentoring

Teaching

2021-Present *Teaching Assistant*, The Florida State University, Tallahassee, Florida
Graduate level course: Research Design in Psychology I (Lab instructor of record for 60 graduate students over 2 years)

2018-2019 *Departmental Assistant*, The Florida State University, Tallahassee, Florida
Undergraduate level course: Introductory Psychology
Undergraduate level course: Forensic Psychology
Undergraduate level course: Research Methods
Undergraduate level course: Social Psychology
Undergraduate level course: Sensation and Perception

2016-2018 *Teaching Assistant*, The Ohio State University, Columbus, Ohio
Graduate level course: Public Budgeting and Finance
Undergraduate level course: Public Policy Analysis
Undergraduate level course: Introduction to Nonprofit Organizations

Invited Talks

September 2023, Data Deidentification for Data Sharing, Promoting Opportunities for Women in Educational Research.

August 2023, An Introduction to R for Public Health Research, Florida Department of Health, Research Excellence Initiative.

July 2023, Exploring Individual Differences in Cognitive Development: Methodological Advancements in Twin and Genetic Proxy Designs, Social Science Genetic Association Consortium.

February 2023, Beyond the Mean: Exploring Individual Differences in Cognitive Development and Developmental Etiologies, The Broad Institute of Harvard University and MIT.

May, 2021, Hearing Loss Epidemiology, Division of Children's Medical Services, Florida Department of Health.

March, 2021, Keystone Florida Health and Health Industries Day, University of Florida.

Undergraduate Lab Mentoring

Jamesha Turner
Maya Martinez
Madison Gonzalez
Pietra Whitby

Rebekka Friborg
Emilia Guinazzo

Awards and Honors

Fellowships and Rewards

Florida State University Department of Psychology Travel Award (\$500; 2023)
Behavior Genetics Association Annual Conference Thompson Best Talk Award (2022)
Behavior Genetics Association Annual Conference Thompson Rising Star Award (2022)
Florida State University Department of Psychology Travel Award (\$700; 2023)
Florida Gubernatorial Fellowship (2020)

Service

Journal Reviewing

Educational Researcher
Infant and Child Development
The Open Psychology Journal
African Educational Research Journal
Journal of Nordic Psychology