

Shuqi Yu

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EDUCATION

- Ph.D. 2021-present Human Development
Virginia Polytechnic Institute and State University, Blacksburg, VA
Chair: Koeun Choi, Ph.D.
Co-chair: Carolyn Shivers, Ph.D.
- M.S. 2019-2021 Human Development
Virginia Polytechnic Institute and State University, Blacksburg, VA
Chair: Carolyn M. Shivers, Ph.D.
Thesis: Sibling Warmth, Coping, and Distress among Emerging-Adult Siblings of Individuals with and without Autism
- B.S. 2015-2019 Psychology
Beijing Normal University, Beijing, China
Supervisor: Rachel Z. Han, Ph.D.
Thesis: The Role of Parent Physiological Regulation in the Links between Parenting Stress and Child Autistic Core Symptoms

RESEARCH EXPERIENCE

- Jun 2021 – Present Research Assistant, Virginia Polytechnic Institute and State University
Supervisor: Koeun Choi, Ph. D.
Child Robt-Theater Afterschool Program
Adult Mobile Learning Project
Child Robot-Theater Program CDCLR
- Jun 2022 – Dec 2022 Research Assistant, Virginia Polytechnic Institute and State University
Supervisor: Angela Scarpa, Ph. D.
Development of AI-powered Teamwork for Employment using Adaptive Methods System to Support Collaboration Among Neurodiverse Individuals at Work
- Aug 2019 – Present Research Assistant, Virginia Polytechnic Institute and State University
Supervisor: Carolyn Shivers, Ph. D.
A Systematic Review Project
Biofeedback Project
College Sibling Survey
- Sep 2016 – Jun 2019 Research Assistant, Beijing Normal University, China
Supervisor: Rachel Z. Han, Ph.D.
Autism Project
Child Emotion Regulation and Family Emotion Processes Project

Maternal Depression and Infant Temperament Project

Sep 2017 – Jun 2018 Research Assistant, Beijing Normal University, China
Supervisor: Chunliang Feng, Ph.D.
Mortality Salience and Social Decision-making Project
Child Emotion Regulation and Family Emotion Processes Project
Neuropeptides and Social Cognition project

Student Reviewer

Society for Research on Adolescence (SRA) 2022 Biennial Meeting (Submission Review Period: September 20-October 18, 2021) review 2 papers. advisor: Dr. Koeun Choi
SRCO 2023 review 10 posters. Advisor: Dr. Carolyn Shivers

PEER-REVIEWED JOURNAL ARTICLES

Shivers, C. M., **Yu, S.**, & Textoris, S. (2023). Physiological stress responses to mental illness narratives. *Psychology of Popular Media*. Advance online publication, 1-5.
<https://doi.org/10.1037/ppm0000484>

Dong, J., Choi, K., **Yu, S.**, Lee, Y., Kim, J., Vajir, D., ... & Jeon, M. (2023). A child-robot musical theater afterschool program for promoting STEAM education: a case study and guidelines. *International Journal of Human-Computer Interaction*, 1-17.
<https://doi.org/10.1080/10447318.2023.2189814>

Chen, T., Becker, B., Camilleri, J., Wang, L., **Yu, S.**, Eickhoff, S. B., & Feng, C. (2018). A domain-general brain network underlying emotional and cognitive interference processing: evidence from coordinate-based and functional connectivity meta-analyses. *Brain Structure and Function*, 223(8), 3813-3840.
<https://doi.org/10.1007/s00429-018-1727-9>

Yu, S., Choi, K., Kim, J., Dong, J., ... & Jeon, M. (under review) Young children's interest, self-efficacy, and curiosity in robots throughout a child-robot musical theater program.

Yu, S., Shivers, C. (in progress). Sibling relationship, coping, and distress among emerging-adult siblings of individuals with and without autism.

Choi, K., Kim, J., **Yu, S.**, Shin, E., Smith, C. (in progress) The role of media interactivity in associations among maternal media beliefs, parenting stress, and toddlers' screen use.

PEER-REVIEWED PAPERS IN CONFERENCE PROCEEDINGS

Lee, Y., Wyatt, A., Dong, J., Upthegrove, T., Hale, B., Lyles, C. H., Choi, K., Kim, J., **Yu, S.**, Vajir, D. and Newbill, P., (2022, March). Robot Musical Theater for Climate Change Education. In *Proceedings of the 2022 ACM/IEEE International Conference on Human-Robot Interaction* (pp. 870-874).

CONFERENCE PRESENTATIONS

Yu, S., Shivers, C. (2023, April 10-13). Robot musical theater for preschoolers' STEAM education: Effects on interest, self-efficacy, and curiosity in technology [Paper presentation (3/23)]. The annual meeting of the Gatlinburg Conference on Research and

Theory in Developmental Disabilities, Kansas City, MO. United States.

Yu, S., Choi, K., Kim, J., Dong, J., Lee, Y., Haines, C., Newbill, P., Upthegrove, T., Wyatt, A., & Jeon, M. (2023, March 23-25). Robot musical theater for preschoolers' STEAM education: Effects on interest, self-efficacy, and curiosity in technology [Paper presentation (3/23)]. The biennial meeting of the Society for Research in Child Development, Salt Lake City, UT. United States.

Gurdal, M., Choi, K., Shin, E., Kim, J., **Yu, S.,** & Smith, C. (2023, March 23-25). Associations of maternal emotion regulation and mothers' and toddlers' screen use [Poster presentation (3/24)]. The biennial meeting of the Society for Research in Child Development, Salt Lake City, UT. United States.

Choi, K., **Yu, S.,** Kim, J., Dong, J., Lee, Y., Haines, C., Newbill, P., Upthegrove, T., Wyatt, A., & Jeon, M. (2023, April 13-16). Interactive stories through robot musical theater for preschoolers' STEAM education [Paper presentation]. The annual meeting of the American Educational Research Association, Chicago, IL. United States.

Yu, S., Dong, J., Kim, J., Lee, Y., Vajir, D., Lyles, C. H., Newbill, P., Upthegrove, T., Wyatt, A., Jeon, M., & Choi, K. (2022, April 22-23). *Sing, act, and dance with robots: A child-robot musical theater afterschool program for STEAM education*. Poster presented at the biennial meeting of the Cognitive Development Society, Madison, WI.

Yu, S., & Shivers, C. M. (2021, April). Behavioral outcomes of siblings of individuals with autism: A replicated study using Simon Simplex Collection (SSC) Dataset. Poster presented at the 54th Gatlinburg Conference on Research and Theory in Developmental Disabilities.

GRADUATE ASSISTANTSHIPS

Jan 2023 – May 2023 Instructor of Record
HD 1004: Introduction to Human Development (in-person)

Jun 2021 – present Graduate Research Assistant
Faculty Supervisor: Koeun Choi, Ph.D.
CoDeS Lab

May 2021 – Aug 2021 Instructor of Record
HD 4964: Field Study (online)

Aug 2019 – present Graduate Teaching Assistant
Faculty Supervisor: Alexa Gardner, M. ED.
HD 3214: Infancy and Early Childhood

Aug 2019 – May 2021 Graduate Research Assistant
Faculty Supervisor: Carolyn M. Shivers, Ph.D.
Research Support at SibLab

May 2020 – Aug 2020 Graduate Assistant
Faculty Supervisor: Victoria Lael

Undergraduate Curriculum Planning

Aug 2019 – Dec 2019 Graduate Assistant/Program Facilitator
Faculty Supervisor: Alexa Gardner, M. ED.
Adult Day Service and Child Development Center for Learning and
Research (CDCLR), Virginia Tech
Neighbors Growing Together: Intergenerational Program Facilitator

Service to Community and Campus

Nov 2021 – present Volunteer
CA Human Services

Aug 2019 – May 2021 Facilitator
Adult Day Service and Child Development Center for Learning and
Research (CDCLR), Virginia Tech
Designed and Facilitated the activities between the older adults and the
children

Grant

Aug 2023 Graduate Research Grant from Organization for Autism Research

Scholarships

Fall 2020 Serving Spirit Graduate Fellowship

Fall 2022 Serving Spirit Graduate Fellowship