

LINGYAN HU

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EDUCATION

University of Pennsylvania, Philadelphia, PA

Ph.D. Candidate, Interdisciplinary Studies in Human Development Aug 2021 – Expected May 2026

Dissertation: *Children's Developing Understanding of Motivation and Its Implications for Self-Regulation*

Advisor: Douglas A. Frye, Ph.D.

Committee: David B. Miele, Ph.D.; Michael J. Nakkula, Ed.D.; Sharon Wolf, Ph.D.

M.A. in Statistics and Data Science, The Wharton School

Dec 2024

Thesis: *Socioeconomic Status and Adolescents' Mental Health: The Role of Poverty in the Onset and Longitudinal Changes of Internalizing Symptoms*

Advisor: Dylan S. Small, Ph.D.

M.S.Ed. in Interdisciplinary Studies in Human Development

Aug 2021

Graduate Certificate in Social, Cognitive & Affective Neuroscience

Dec 2020

M.S.Ed. in Higher Education

Dec 2014

Nanjing University, Nanjing, China

B.A. in Philosophy

Jun 2013

PUBLICATIONS

*Indicates equal contribution

3. **Hu, L.** & Farah, M. J. (In press, *Perspectives on Psychological Science*). SES disparities in children's cognition: Differences in degree or kind?
2. Shachnai, R., Asaba, M., **Hu, L.**, & Leonard, J. A. (2025). Pointing out learning opportunities reduces overparenting. *Child development*, 96(2), 679–690. <https://doi.org/10.1111/cdev.14198>
1. Hao, Y.* & **Hu, L.** * (2024). Lower childhood socioeconomic status is associated with greater neural responses to ambient auditory changes in adulthood. *Journal of Cognitive Neuroscience*, 36(6), 979–996. https://doi.org/10.1162/jocn_a_02151

MANUSCRIPTS UNDER REVIEW

*Indicates equal contribution; †Master's students mentored by the author

3. **Hu, L.**, †Zhao, Y., †Yuan, S., Prewitt, S. L., & Frye, D. (Revise & Resubmit at *Developmental Psychology*). The development of metamotivational knowledge: Children's and adults' beliefs about how cognitive reframing shapes motivation.

2. **Hu, L.**, Yang, F., & Frye, D. (Revise & Resubmit at *Child Development*). Finding happiness: Young children recognize that goals shape happiness beyond simple preferences.
1. **Hu, L.***, Xie*, H., Lin, J., Bian, Q., & Nakkula, M. (2nd round review at *Journal of Adolescent Research*). Envisioning forward, parenting now: How Chinese mothers' perceptions of adolescents' possible selves motivate their current parenting practices.

RESEARCH IN PROGRESS

†Master's students mentored by the author

3. Kumar, A., Alam, A., **Hu, L.**, & Wolf, S. (Manuscript in preparation). Contextual heterogeneity in cognitive development in urban India: Evidence from regularized regression and random forest models.
2. Frisone, M., **Hu, L.**, Do, M., Xie, H., Harris, J., & Nakkula, M. (Manuscript in preparation). Establishing evidence of validity for the Youth Mentoring Survey.
1. **Hu, L.**, †Yuan, S., †Zhao, Y., Frye, D. A., & Miele, D. B. (In progress). Interest or rewards? Children's and adults' metamotivational beliefs about intrinsic and extrinsic motivation.

CONFERENCE TALK PRESENTATIONS

**Indicates equal contribution*

3. Hao, Y.*, & Hu, L.* (2025). *Socioeconomic origins of salience detection: Evidence from auditory mismatch negativity*. In nanosymposium: Building a Brain: From Molecules to Experience, Society for Neuroscience, San Diego, CA.
2. **Hu, L.**, Yang, F., & Frye, D. (2025). *Finding happiness: How goals shape children's perceptions beyond simple preferences*. In paper symposium: Emotion-Wise: New Insights into the Multifaceted Nature of How Children Think about Emotions (Co-Chaired). SRCD 2025, Minneapolis, MN, United States.
1. **Hu, L.**, Xie, H., Lin, J., Bian, Q., & Nakkula, M. (2025). Better scores, better future? Chinese mothers striving to balance children's academic achievement and holistic development. In Academic Expectations of Chinese Parents on Their Adolescent Child: Visions, Communication, Practices, and Impacts (Paper symposium). SRCD 2025. Minneapolis, MN, United States.

CONFERENCE POSTER PRESENTATIONS

5. **Hu, L.**, Yang, F., & Frye, D. (2024). *The role of preferences and goals in children's happiness attributions*. Cognitive Development Society, Pasadena, CA.
4. Shachnai, R., Asaba, M., **Hu, L.** & Leonard, J. (2023). *Parents take over less when they think their young child is learning*. The Annual Meeting of the Cognitive Science Society, Sydney, Australia.
3. **Hu, L.** & Farah, M. (2023). *Socioeconomic disparities in children's cognitive performance: deficits or differences?* SRCD 2023 Biennial Meeting, Salt Lake City, Utah.
2. **Hu, L.** & Frye, D. (2023). *Children's and adult's reasoning about other's intention to learn based on knowledge states and desire*. SRCD 2023 Biennial Meeting, Salt Lake City, Utah.
1. Frisone, M., **Hu, L.**, Do, M., Xie, H., Harris, J., & Nakkula, M. (2023). *Establishing evidence of validity for the Youth Mentoring Survey*. SRCD 2023 Biennial Meeting, Salt Lake City, Utah.

TEACHING EXPERIENCE

University of Pennsylvania, Philadelphia, PA

Teaching Assistant; EDUC 7667 - Regression & ANOVA	Sep 2025 – Dec 2025
Teaching Assistant; EDUC 8560 - Proseminar in Human Development	Sep 2025 – Dec 2025
Teaching Assistant; Wharton Global Youth Programs	Jun 2025 – Aug 2025
Teaching Assistant; EDUC 8629 - Policy Research	Jan 2025 – May 2025
Teaching Assistant; EDUC 5568 - Cognitive Development	Sep 2023 – Dec 2023
Teaching Assistant; EDUC 767 - Regression & ANOVA	Sep 2021 – Dec 2021

PROFESSIONAL EXPERIENCE

New York University Shanghai, Shanghai, China

Academic Advisor/Head of System and Student Records	Aug 2015 – Jul 2019
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HONORS, AWARDS, & FELLOWSHIPS

M.E.A. Stinner Endowment Fellowship, University of Pennsylvania (2024–2025)

Dean's Fellowship, Penn Graduate School of Education (2021–2025)

Penn GSE Scholarship Awards, University of Pennsylvania (2013–2014)

People's Scholarship, Ministry of Education of China (2011, 2013)

SKILLS

Programming & Data Analysis: R, Python, SQL, SAS

Experimental Tools: Lookit; Qualtrics

Software & Media: Microsoft Office; Adobe InDesign; Adobe Premiere Pro CC; Final Cut Pro

REFERENCES

Douglas A. Frye, Ph.D.

Associate Professor

University of Pennsylvania

Email: dfrye@upenn.edu

Martha J. Farah, Ph.D.

Annenberg Professor of Natural Sciences

University of Pennsylvania

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David B. Miele, Ph.D.

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Boston College

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