**ZHI LI, Ph.D.**

Research Faculty & Associate Director of Research

Mt. Hope Family Center

University of Rochester

zhi\_li@urmc.rochester.edu

## EDUCATION

**Ph.D. in Human Development** (09/2012- 09/2017)

University of California, Davis

Dissertation: *Income unpredictability and child and adolescent development*

Chair: Jay Belsky, Ph.D.

**Minor in Quantitative Psychology**

Thesis: *Modeling income unpredictability via multilevel autoregressive model: Impact of time series length on reliability of random effect estimates and prediction power*

Chair: Siwei Liu, Ph.D.

**M.S. in Child Development** (09/2012- 03/2014)

University of California, Davis

Thesis: *Do oxytocin receptor genes moderate the effect of maternal sensitivity on prosocial orientation in childhood and adolescence*?

Chair: Jay Belsky, Ph.D.

**Bachelor of Medicine & B.S. in Psychology** (09/2007-07/2012)

Peking University, Beijing, China

Advisor: Yanjie Su, Ph.D.

## ACADEMIC POSITIONS

**Research Faculty & Associate Director of Research** (01/2024-present)

**Mt. Hope Family Center**

University of Rochester, New York

**Assistant Professor** (**Tenure-track**, 08/2021-12/2023)

School of Psychological and Cognitive Sciences, Peking University, Beijing, China.

Rank #17 in QS world university ranking 2024, Top 2 best universities in China

**Postdoctoral Associate** (09/2017- 07/2021)

Department of Psychology & Mt. Hope Family Center, University of Rochester, New York.

Advisors: Melissa L. Sturge-Apple, Ph.D., and Patrick T. Davies, Ph.D.

**GRANT EXPERIENCES**

**Ongoing**

**Interparental Conflict and Parenting in the Context of COVID-19** (MPI: Melissa L. Sturge-Apple, Ph.D., & Patrick T. Davies, PhD.)

Eunice Kennedy Shriver National Institute of Child Health and Human Development (5R01HD087761)

**Role: Co-I**

**Translational Research that Adapts New Science For Maltreatment Prevention (TRANSFORM):** [**Resource Core**](https://reporter.nih.gov/search/l-bb7YTKvkmcVL2nKilJtw/project-details/10672012) (PI: Sheree L. Toth (P50) / Elizabeth D. Handley (Resource Core)

Eunice Kennedy Shriver National Institute of Child Health and Human Development (P50, 2P50HD096698)

**Role: Co-I** (Resource Core)

Transdisciplinary Pilot Grant

**Biological Embedding of Stress: Transdisciplinary Study** (MPI: Elizabeth D. Handley, Ph.D. & Zhi Li, Ph.D.)

University of Rochester

**Role: MPI**

**Pending**

**A Process-Oriented Analysis of the Mechanisms and Conditions Underpinning Children’s Vulnerability to Disorganized, Unpredictable Interparental Conflict** (PIs: Patrick T. Davies & Zhi Li)

Eunice Kennedy Shriver National Institute of Child Health and Human Development

**Role: MPI**

(Under Revision)

**Identifying the Susceptibility Mechanisms Accounting for the Moderating Role of Children’s Environmental Sensitivity to Family Interaction Dynamics** (PIs: Patrick T. Davies & Zhi Li)

Eunice Kennedy Shriver National Institute of Child Health and Human Development

**Role: MPI**

 **Past Grant**

**A Longitudinal Study on Child Environmental Sensitivity: Exploring the Role of**

**Family Context and Physiological Mechanisms** (*Awarded and Terminated*)

Early-Career Research Grant, National Natural Science Foundation of China

**Role: PI**

**Developmental Origins of Social Inequality** (PI: Laura Elenbaas, Ph.D.)

National Science Foundation (Not Funded)

**Role: Statistical Consultant**

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

**H-index: 15, i-10 index: 20, Google Scholar Citation: 803.**

Russotti, J., Warmingham, J.M., Swerbenski, H.G., Handley, E.D., **Li, Z.**, & Cicchetti, D. (*in press*). Intergenerational continuity of multidimensional patterns of child maltreatment exposure: A person-centered approach. *Development and Psychopathology*.

**Li, Z.,** Swerbenski, H., Sturge-Apple, M.L., & Davies, P.T. (*in press*). Interparental conflict and power-assertive parenting within different social domains: Parental attention biases to child emotional faces as an indirect factor. *Journal of Child and Family Studies.* https://doi.org/10.1007/s10826-025-03100-4

Kautz-Turbull, C., Rockhold, MN., Speybroeck, E., Myers, J.M., **Li., Z.,** & CLM Petrenko. (*in press*). Emotion socialization practices in out-of-home caregivers of children with FASD. *Research in Developmental Disabilities*. https://doi.org/10.1016/j.ridd.2025.105011

**Li, Z.,** Handley, E.D., Davies, P.T., & Cicchetti, D. (2025). Understanding Heterogeneity of Child Maltreatment on Adolescent Socioemotional Functioning: The Role of Temperamental Sensitivity. Research on Child and Adolescent Psychopathology. https://doi.org/10.1007/s10802-025-01315-z

Platts, C.R., Sturge-Apple, M.L., **Li, Z.,** & Davies, P.T. (2024). Romantic Attachment Styles, Parenting Behavior, and Children’s Emotional Reactivity: A Process Model. *International Journal of Behavioral Development*. https://doi.org/10.1177/0165025424129889

Menendez, D., **Li, Z. (*Co-first author*),** Klapper, R., Rosengren, K.S., & Sturge-Apple, M.L. (2024). COVID-19 and child adjustment: The role of coparenting conflict and child temperament. *Journal of Child and Family Studies.* https://doi.org/10.1007/s10826-024-02841-y

**Li, Z.,** Sturge-Apple, M.L, Swerbenski, H., Liu, S., & Davies, P.T. (2024). Family risk, parental cortisol contagion, and parenting: A process-oriented approach to spillover. *Development and Psychopathology*. https://doi.org/10.1017/S095457942400052X

Lan, Q.L., Zhang, C., Lunkenheimer, E.S., **Li, Z. (Co-correspondence),** Wang, L. (*2023*). Maternal postnatal depressive symptoms and children’s internalizing problems: The moderating role of mother-infant RSA synchrony. *Development and Psychopathology*. https://doi.org/10.1017/S0954579423001153

Li, X.L., **Li, Z.,** Jiang, J.L., & Yan, N. (2022). Children's Sensory Processing Sensitivity and Prosocial Behaviors: Testing the Differential Susceptibility Hypotheses. *Journal of Experimental Psychology, General, 152*(5), 1334.https://doi.org/10.1037/xge0001314

**Li, Z.,** Sturge-Apple, M.L., Platts, C.R., & Davies, P.T. (2022). Testing different sources of environmental unpredictability on adolescent functioning: Ancestral cue vs. Statistical learning and the role of temperament. *Journal of Child Psychology and Psychiatry, 64*(3), 437-448*.* https://doi.org/10.1111/jcpp.13714

Husby, S.M., Skalická, V., **Li, Z**., Belsky, J., Wichstrøm, L. (2022). Reciprocal relations between conflicted student-teacher relationship and children’s behavior problems: Within-person analyses from Norway and the USA. *Research on Child and Adolescent Psychopathology*, *51*(3), 331-342. https://doi.org/10.1007/s10802-022-00968-4

**Li, Z.,** Sturge-Apple, M.L., Davies, P.T. (2022). Family instability, parenting, and child socioemotional functioning: Moderation by maternal sympathetic stress reactivity. *Development and Psychopathology*, *35*(4), 1929-1941. https://doi.org/10.1017/S095457942200058X

Davies, P.T., Thompson, M.J., **Li., Z.,** & Sturge-Apple, M.L. (2022). The cognitive costs and hidden talents of children exposed to parental relationship instability: A test of life history theory. *Developmental Psychology, 58*(8), 1485. <https://doi.org/10.1037/dev0001381> **(Editor’s Choice)**

**Li, Z.**, & Belsky, J. (2022). Indirect effects, via parental factors, of income harshness and unpredictability on kindergarteners’ socioemotional functioning. *Development and Psychopathology, 34*(2), 635-646. http://dx.doi.org/10.1017/S095457942100136X

**Li, Z.,** Sturge-Apple, M.L., Schupbach, E\*., Liu, S., & Davies, P.T. (2022). Dynamic interdependence in parenting behavior: The role of family and child risk factors. *Journal of Family Psychology, 36*(6), 874–884. https://doi.org/10.1037/fam0000966 (\*: student mentee)

**Li, Z.,** Sturge-Apple, M.L., Jones-Gordils, H.R., & Davies, P.T. (2022*)*. Sensory processing sensitivity behavior moderates the association between environmental harshness, unpredictability, and child socioemotional functioning. *Development and Psychopathology, 34(2), 675-688.* https://doi.org/10.1017/S0954579421001188

**Li, Z**., Sturge-Apple, M.L., & Davies, P.T. (2021). Contextual risks, child problems-solving profiles, and problematic functioning: Testing the specialization hypothesis. *Development and Psychopathology, 35*(3), 1929-1941.https://doi.org/10.1017/S0954579421001322

**Li, Z**., Sturge-Apple, M. L., & Davies, P. T. (2021). Family context in association with the development of child sensory processing sensitivity. *Developmental Psychology, 57*(12), 2165–2178. https://doi.org/10.1037/dev0001256

**Li, Z.,** Sturge-Apple, M.L., Russell, J.D., Martin, M.J., & Davies, P.T. (2020). The role of emotion processing in the association between parental discipline and adolescent socio-emotional development. *Journal of Research on Adolescence, 31*(1), 85-100.<https://doi.org/10.1111/jora.12584>

**Li, Z.,** Sturge‐Apple, M. L., Liu, S., & Davies, P. T. (2020). Parent‐adolescent physiological synchrony: Moderating effects of adolescent emotional insecurity. *Psychophysiology*, *57*(9), e13596. <https://doi.org/10.1111/psyp.13596>

**Li, Z.,** Sturge-Apple, M.L., Liu, S., & Davies, P.T. (2020).Integrating a multilevel approach to examine family conflicts and parent-adolescent physiological synchrony. *Journal of Family Psychology, 34*(7), 773–783. [https://doi.org/10.1037/fam0000671](https://psycnet.apa.org/doi/10.1037/fam0000671)

**Li, Z.,** Sturge-Apple, M. L., Martin, M. J., & Davies, P. T. (2019). Interactive effects of family instability and adolescent stress reactivity on socioemotional functioning. *Developmental Psychology, 55*(10), 2193–2202. [https://doi.org/10.1037/dev0000784](https://psycnet.apa.org/doi/10.1037/dev0000784)

Sturge-Apple, M. L., **Li, Z.,** Martin, M. J., Jones-Gordils, H. R., & Davies, P. T. (2020). Mothers' and fathers' self-regulation capacity, dysfunctional attributions and hostile parenting during early adolescence: A process-oriented approach. *Development and Psychopathology*, *32*(1), 229-241. https://doi.org/10.1017/S0954579418001694

Jaffee, S., Cline, J., **Li, Z**., Belsky, J., Melhuish, E., Stevens, S., & Watson, B. (2019). Take Your Mind Off IT: Coping Style, *5HTTLPR*, and Children's Problem Behaviors. *European Neuropsychopharmacology*, *29*, S748-S749. https://doi.org/[10.1016/j.euroneuro.2017.06.089](https://doi.org/10.1016/j.euroneuro.2017.06.089)

**Li, Z.,** Liu, S., Hartman, S., & Belsky, J. (2018). Interactive effects of early-life income harshness and unpredictability on children’s socioemotional and academic functioning in kindergarten and adolescence. *Developmental Psychology*, *54*(11), 2101-2112. https://doi.org/10.1037/dev0000601

Stenseng, F., **Li, Z.**, Belsky, J., Hygen, B.W., Skalicka, V., Guzey, IC., & Wichstrøm, L. (2018). Peer problems and hyperactivity-impulsivity among Norwegian and American children- The role of *5-HTTLPR*. *Child Development, 89*(2), 509-524. https://doi.org/10.1111/cdev.12766

Hartman, S., **Li, Z.** (***Co-first author***), Nettle, D., & Belsky, J. (2017). External-environmental and internal-health early life predictors of adolescent development. *Development and Psychopathology*, *29*(5), 1839-1849. https://doi.org/10.1017/S0954579417001432

Hygen, B. W., Belsky, J., **Li, Z.**, Stenseng, F., Güzey, I. C., & Wichstrøm, L. (2017). Change in parenting, change in student–teacher relationships, and oxytocin receptor gene (*OXTR*): Testing a gene-×-environment (G× E) hypothesis in two samples. *Developmental Psychology*, *53*(7), 1300-1315. https://doi.org/10.1037/dev0000333

**Li, Z.**, Hygen, B.W., Widaman, K.F., Berg-Nielsen, T.S., Wichstrøm, L., & Belsky, J. (2016). Disorganization, *COMT* genotype, and children’s social functioning: Testing the Norwegian hypothesis of variation in the legacy of disorganized attachment. *Frontiers in Psychology, 7*, 1013. https://doi.org/10.3389/fpsyg.2016.01013

Zhang, L., **Li, Z.** (***Co-first author***), Chen, J., Li, X., Zhang, J. & Belsky, J. (2016). Parenting—*BDNF* Val66Met polymorphism interaction on depressive symptoms in Chinese adolescents: Diathesis-stress or differential susceptibility. *Journal of Youth and Adolescence, 45*(3), 471- 483. https://doi.org/10.1007/s10964-015-0378-x

Cline, J. I., Belsky, J., **Li, Z**., Melhuish, E., Lysenko, L., McFarquhar, T., ... & Jaffee, S. R. (2015). Take your mind off it: Coping style, serotonin transporter linked polymorphic region genotype (*5-HTTLPR*), and children's internalizing and externalizing problems. *Development and Psychopathology*, *27*(4pt1), 1129-1143. https://doi.org/10.1017/S0954579415000723

Mesquita, A. R., Belsky, J., **Li, Z.,** Baptista, J., Carvalho-Correia, E., Maciel, P., & Soares, I. (2015). Institutionalization and indiscriminate social behavior: Differential-susceptibility versus diathesis-stress models for the *5-HTTLPR* and *BDNF* genotypes. *Physiology & Behavior*, *152*, 85-91. https://doi.org/10.1016/j.physbeh.2015.09.015

Wu, N., **Li, Z**., & Su, Y. (2012). The association between oxytocin receptor gene polymorphism (*OXTR*) and trait empathy. *Journal of Affective Disorders*, *138*(3), 468-472. https://doi.org/10.1016/j.jad.2012.01.009

**UNDER REVIEW**

**Li, Z.,** Zhang, J.X\*#., Sturge-Apple, M.L., Su, Z.S\*., & Davies, P.T. (*Revision Under Review*). Maternal and paternal parenting unpredictability in association with child cognitive abilities and socioemotional functioning. (\*: student mentee; #: co-first author)

**Li. Z**., Li, Y.Z., Davies, P.T., & Sturge-Apple, M.L. (*Under Review*). Family Context, Directed and Random Exploration Patterns, and Child Socioemotional Functioning.

Bi, S., Chen, F.T., Li, X.Y., Chen, L., & **Li, Z.** (*Under Review*). Interparental Conflict and Chinese College Students’ Depressive Symptoms: Cognitive Appraisals and Attention Bias to Emotions as Mechanisms of Risk.

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T (*Under Review*). Moral and social-conventional judgment patterns linked to family context and socioemotional functioning.

Hu, YX., **Li, Z. (Co-correspondence),** & Yi, L. (*Under review*). What you see is what you get: longitudinal development of social attention and its relationship with developmental outcome.

Yang, Y.M., **Li, Z**., Ji, F., Zhang, X.Y., Liu, R., & Luo, L. (*Under Review*). Associations of Integrated Early Life Adversity Dimensions with Adolescents’ Frontolimbic Circuitry, Cognition, and Mental Health: A multimodal Study.

Petrenko, C.L.M., Rockhold, M.N., Myers, J.M., Tapparello, C., Kautz-Turnbull, C., Speybroeck, E., **Li, Z.,** & Olsen, H. (*Under Review*). Family Moving Forward Connect mobile health intervention for caregivers of children with fetal alcohol spectrum disorder: Randomized control trial.

**Li, Z.,** Sturge-Apple, M.L., Twal, L., De la Fuente, E.R., & Davies, P.T. (*Invited Submission Under Review)*. Children's Social and Emotional Development in the Shadow of a Pandemic: A Prospective, Quasi-Experimental Study. *Child Development*.

**IN PREPARATION**

**Li, Z.,** Platts, C.R., Twal, L., Sturge-Apple, M.L., & Davies, P.T. (*Invited Submission*). Understanding Paternal Parenting across Caregiving Contexts and Children’s Sensory Processing Sensitivity in the Development of Pro-social Behavior in BIPOC Children. *Developmental Psychology*.

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (*in prep*). Neighborhood risks, Maternal Parenting Disorganization, and Child Hyperactivity-impulsivity Problems.

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (*in prep)***.** Constructive and Destructive Interparental Conflict, Maternal and Paternal Parenting Disorganization, and Child Hyperactivity-Impulsivity Problems.

Swerbenski, H.G., **Li, Z.,** Putnam, F.W., & Noll, J.G. (*in prep*). Hypothalamic-Pituitary-Adrenal Axis Dysregulation Stemming from Child Sexual Abuse Distinguishes Posttraumatic Stress Trajectories from Adolescence to Midlife.

Manly, J.T., **Li, Z**., Handley, E.D., Kim-Spoon, J., & Toth, S.L. (*in prep*). Parent-child Psychotherapy and Parenting: The Role of Maternal Psychopathology (Tentative title and author order).

**RESEARCH TRAINING EXPERIENCES**

**Postdoctoral Training** (2017- 2021).

“Interparental conflict in the context of COVID-19” (NICHD: 5R01HD087761[Extension]; PI: Melissa L. Sturge-Apple). Role: Co-Investigator

“A process-oriented account of spillover between interparental conflict and parenting” (NICHD: 5R01HD087761; PI: Melissa L. Sturge-Apple). Role: Postdoctoral Associate.

Emotional processes in families: New methods capturing multiple levels of analysis” (NICHD: 5R01HD06078905; PI: Melissa L. Sturge-Apple). Role: Postdoctoral Associate.

**Graduate Research Assistant** (2012-2017). *NICHD Study of Early Child Care and Youth Development (SECCYD)*, *Early Childhood Longitudinal Study-Birth Cohort (ECLS-B)*, Department of Human Ecology, University of California, Davis.

Advisor: Jay Belsky, Ph.D.

**Graduate Research Assistant** (2015-2017). *The iFit Study*, Intensive Longitudinal Methods Lab, Department of Human Ecology, University of California, Davis.

Advisor: Siwei Liu, Ph.D.

**Undergraduate Research Assistant** (2010-2012). *Understanding the Individual Differences in Prosocial Behavior: The Role of Oxytocin Receptor Gene Polymorphisms*, School of Psychological and Cognitive Sciences, Peking University, Beijing, China.

Advisor: Yanjie Su, Ph.D.

### **HONORS AND AWARDS**

Editorial Fellowship for *Journal of Family Psychology* (2023)

Jastro Summer Research Fellowship (2016), University of California, Davis

Center for Poverty Research Graduate Student Fellowship (2015), University of California, Davis

Summer Research Fellowship (2015), University of California, Davis

Human Development Graduate Group Travel Award (2015& 2017), University of California, Davis

Outstanding Medical Student Scholarship (2008-2011, 4 times), Peking University

### **PROFESSIONAL CONFERENCE PRESENTATIONS**

**SYMPOSIUM PRESENTATION**

**Li, Z.,** Li, Y.Z., Davies, P.T., & Sturge-Apple, M.L. (May 2025). Family Context, Directed and Random Exploration Profiles, and Child Socioemotional Functioning. Chair of the Symposium (From Stress to Strategy: How Childhood Adversity Shape Learning and Exploration). Paper presentation to Society of Research in Child Development Biennial Meeting, Minneapolis, MN.

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (March 2023). Parenting Unpredictability in Association with Child Cognitive Abilities and Socioemotional Functioning. Chair of the Symposium & Paper presentation to Society of Research in Child Development Biennial Meeting, Salt Lake City, UT.

**Li, Z.,** Sturge-Apple, M.L., Platts, C.R., & Davies, P.T. (March 2023). Testing different sources of environmental unpredictability on adolescent functioning: Ancestral cue vs. Statistical learning and the role of temperament. Paper presentation to Society of Research in Child Development Biennial Meeting, Salt Lake City, UT.

**Li, Z.,** Sturge-Apple, M.L., Hannah, G. Swerbenski, & Davies, P.T. (November 2022). Interparental conflict and power-assertive parenting within different social domains: Parental attention biases to child emotional faces as an indirect factor. Paper accepted for presentation to National Council on Family Relations. Minneapolis, MN.

**Li, Z.,** Sturge-Apple, M.L., Liu, S., Davies, P.T. (March 2020). Integrating a multilevel approach to examine family conflicts and parent-adolescent physiological synchrony. Paper accepted for presentation at Society of Research on Adolescence Biennial Meeting. San Diego, CA.

**Li, Z.**, Sturge-Apple, M.L., Martin, M.J., & Davies, P.T. (March 2019). Family predictors and socioemotional outcomes associated with dynamics of adolescent sympathovagal reactivity to discipline contexts. Paper presented at Society of Research in Child Development Biennial Meeting, Baltimore, MD.

**POSTER PRESENTATION**

Fan, J.Y\*., & **Li, Z.,** (May 2025). Moderating Effect of Sensory Processing Sensitivity on Daily Parent-Adolescent Relationship and Rumination. (\*: student mentee). Poster presentation to Society of Research in Child Development Biennial Meeting, Minneapolis, MN.

Fan, J.Y\*., Wu, Y.W\*., & **Li, Z.** (May 2025). The Role of Unpredictability in Daily Parent-Adolescent Conflict on Adolescent Internalizing and Externalizing Problems (\*: student mentee). Poster presentation to Society of Research in Child Development Biennial Meeting, Minneapolis, MN.

Hua, Z., **Li, Z**., & Yi, L. (May 2024). Unique association between increased father-child interaction and decreased social communication difficulties in autistic children: The mediating role of father-child joint reading [Poster presentation]. International Society for Autism Research (INSAR) 2024 Annual Meeting, Melbourne, Australia.

Schupbach, E.\*, **Li, Z.**, Sturge-Apple, M.L., & Davies, P.T. (March 2022). Parent relationship satisfaction and dynamic parenting behavior: The moderating role of child emotional insecurity. Poster accepted for presentation at Society of Research on Adolescence Biennial Meeting, New Orleans, 2022. (\*: student mentee).

**Li, Z.,** Sturge-Apple, M.L., Schupbach, E\*., Liu, S., & Davies, P.T. (March 2022). Dynamic interdependence in parenting behavior: The role of family and child risk factors. Poster accepted for presentation at Society of Research on Adolescence Biennial Meeting, New Orleans, 2022. (\*: student mentee)

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (May 2021). Family context in association with the development of child sensory processing sensitivity. Poster presented at Association for Psychological Science Virtual Meeting (Online).

**Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (April 2021). Contextual risks, child problem-solving profiles, and problematic functioning: Testing the specialization-sensitization hypotheses. Poster presented at Society of Research in Child Development Biennial Meeting (Online).

**Li, Z.,** Sturge-Apple, M.L., Jones-Gordils, H.R., & Davies, P.T. (April 2021). Association between environment harshness, unpredictability, and problematic functioning moderated by children’s sensory processing sensitivity. Poster presented at Society of Research in Child Development Biennial Meeting (Online).

Zhang, M.C.\*, **Li, Z.,** Sturge-Apple, M.L., & Davies, P.T. (April 2021). The role of family instability, household chaos and temperament in children’s problem behaviors. Poster presented at Society of Research in Child Development Biennial Meeting. (\*: student mentee) (Online).

**Li, Z.,** Sturge-Apple, M.L., Liu, S., Davies, P.T. (May 2020). Parent-adolescent physiological synchrony: Moderating effect of adolescent emotional insecurity. Poster accepted for presentation at Association for Psychological Science. Chicago, IL.

**Li, Z.,** Sturge-Apple, M.L., Russell, J.D., Martin, M.J., & Davies, P.T. (March 2020). The role of emotion processing in the association between parental discipline and adolescent socio-emotional development. Poster accepted for presentation at Society of Research on Adolescence Biennial Meeting. San Diego, CA.

Jones-Gordils, H., Sturge-Apple, M. L., Martin, M., **Li, Z.,** & Davies, P. T. (2019). Mother's and father's self-regulation capacity and hostile parenting during early adolescence: a process-oriented approach. Poster presented at the Society for Personality and Social Psychology Parenting Preconference, February 2019.

**Li, Z**., & Belsky, J. (April 2017). Do oxytocin receptor genes moderate the effect of maternal sensitivity on prosocial orientation in childhood and adolescence?. Poster presented at the Society of Research in Child Development Biennial Meeting, Austin, TX.

Hartman, S., **Li, Z**., Nettle, D., & Belsky, J. (April 2017). Assessing the relative predictive power of early external and internal cues on later development. Poster presented at the Society of Research in Child Development Biennial Meeting, Austin, TX.

### **Li, Z.,** Liu, S., Hartman, S., & Belsky, J. (March 2015). Interactive effects of early-life income harshness and unpredictability on children’s socioemotional and academic functioning in kindergarten and adolescence. Poster presented at the Society of Research in Child Development Biennial Meeting, Philadelphia, PA.

### **Li, Z.**, Wu, N., Su, YJ. (July 2012). The association between oxytocin receptor gene (*OXTR*)

### polymorphism and trait empathy, as measured by Interpersonal Reactivity Index (IRI).

International Conference of Psychology. Poster presented at the 30th International Conference of Psychology.

### Wu, N., **Li, Z.**, Su, YJ. (July 2012). A common allele in the oxytocin receptor gene (*OXTR*)

contribute to empathy and prosocial behavior. Poster presented at the 30th International Conference of Psychology.

**OBSERVATIONAL CODING SYSTEM DEVELOPED**

**Li, Z**., Sturge-Apple, M.L. (2018). Child Sensory Processing Sensitivity System.

**Li, Z**., Sturge-Apple, M.L. (2019). Child Reward and Punishment Sensitivity System.

**Li, Z.,** Schupbach, E. & Sturge-Apple, M.L. (2019). Dynamic Parenting Coding System.

**Li, Z.,** Platts, C., & Sturge-Apple, M. L. (2019). Adolescent Hawk-Dove Temperament System.

**Li, Z.,** Su, Z., & Sturge-Apple, M.L. (2021). Parent-Child Dynamic Coregulation System.

**COMPUTER TASK DEVELOPED**

Child Emotional Expression Dot-Probe Task- Child Version

Child Emotional Expression Dot-Probe Task- Parent Version

**QUANTITATIVE TRAINING**

Analysis of Biological Aging, Taught by Drs. Lauren Gaydosh & Audrey Kelly, March 2024

Power Analysis and Sample Size Planning, Taught by Dr. Christopher L. Aberson, March 2024

Eye-tracking and data analyses, Siying Technology, Beijing, China, July 2023

Dyadic Data Analysis

EKG Data Collection and Analysis

Structural Equation Modeling, 2016, University of California, Davis

Longitudinal Analysis in Developmental Research, 2016, University of California, Davis

Multilevel Models, 2015, University of California, Davis

Causal Modeling of Correlational Data, 2014, University of California, Davis

Factor analysis, 2013, University of California, Davis

Statistics in Psychology, 2010, Peking University

Biostatistics, 2009, Peking University

**TECHNICAL SKILLS**

Proficient: SAS, Mplus, R, SPSS, Amos, Kubios HRV Premium, Mindware HRV

Intermediate: Inquisit, AcqKnowledge

**TEACHING EXPERIENCE**

**Instructor (Spring 2023). *Developmental Psychopathology*,** School of Psychological and Cognitive Sciences, Peking University, China.

**Instructor (Fall 2022). *Psychology in Parenting and Family*,** School of Psychological and Cognitive Sciences, Peking University, China.

**Lab Instructor (Summer 2016)** in HDE120: ***Research Methods in Human Development***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Fall 2013, Summer 2015, & Winter 2017)** in HDE100A: ***Infancy and Early Childhood***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Winter & Spring 2016)** in HDE100B:***Middle Childhood and Adolescence***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Spring & Fall 2014, Summer 2015)** in HDE100C:***Adulthood and Aging***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Winter 2013 & 2014, Summer 2016)** in HDE102:***Social and Personality Development***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Fall 2016)** in HDE101:***Cognitive Development***, Department of Human Ecology, University of California, Davis.

**Teaching Assistant (Spring 2015)** in HDE012:***Human Sexuality***, Department of Human Ecology, University of California, Davis.

**MENTORSHIP EXPERIENCES**

**Former Ph.D. Students**

Xinyi Li, Peking University

**Dissertation Proposal, Defense, and Qualifying Exam Committees**

***Doctoral Dissertation Proposal Committee***

Qili Lan, Peking University

Sihan Liu, Beijing Normal University
Yang Liu, Beijing Normal University

Yue Lin, Peking University

Yuanqing Chang, Peking University

***Doctoral Dissertation Defense Committee***

Ci Song, Peking University

Yixiao Hu, Peking University

***Qualifying Exam Committees***

Chen Zhang, Peking University

***Postdoctoral Training Completion Defense Committee***

Xiaoning Sun, PhD., Shanghai Jiaotong University

**Honor Theses/Undergraduate Graduation Thesis**

**Minci Zhang**, University of Rochester (05/2019-04/2020)

**Undergraduate Honor Thesis**: Interactive effects of household chaos and child temperament on socioemotional development

**Elizabeth Schupbach**, University of Rochester (03/2020-05/2021)

**Undergraduate Honor Thesis**: Parent relationship satisfaction and dynamic parenting behavior: The moderating role of child emotional insecurity

**Shilin Zhang,** Peking University (11/2021-05/2022)

**Undergraduate Thesis:** Interparental conflict and parenting: Moderating role of parental physiological synchrony.

**Danran Chen**, Peking University (11/2022-05/2023)

**Undergraduate Thesis:** Examining the Dimensional Approach of Environmental Adversity via Network Analyses.

National Undergraduate Student Innovative Training Program (Direct Cost: 10,000 CNY)

**Jiaxuan Zhang**, Peking University (07/2022-10/2023)

**Thesis:** Unpredictability in caregiver-child relationships: Impact on child cognitive abilities and externalizing problems.

AI and interdisciplinary research seed grant, School of Psychological and Cognitive Science, Peking University

The Impact of adverse family environment on children’s socioemotional functioning: Exploring the role of reward learning.

McNair Scholar

**Jasmin Richard**, University of Rochester (05/2020-09/2020)

**McNair Scholar Research Program**: Family economic resource and neighborhood risk in association with child hot vs. cool effortful control and externalizing problems

### **TALKS & GUEST LECTURES**

**Research Talks**

Li, Z. (November 2024). Child Adaptation in the context of environmental adversity: An Evo-Devo Perspective. Guest Lecture to EDE 502, University of Rochester, NY.

Li, Z. (2022). Child Adaptation to unpredictable family context: An Evo-Devo Perspective. Invited talk at Zhejiang University, China.

Li, Z. (2022). Child Adaptation to unpredictable family context: An Evo-Devo Perspective. Invited talk at QiuLab, Southwest University, China.

Li, Z. (2022). How unpredictable family contexts shape child development: The role of parenting and child temperament. Invited keynote talk at 2022 International Joint Forum on Psychological and Cognitive Sciences, Peking University, China.

Li, Z. (2021). Children’s Adaptation to Stress: Specialization to family context and the role of sensory processing sensitivity behavior. Invited talk at Southwest University, China.

Li, Z. (2019). Physiological regulation and coregulation within the context of family adversity. Presentation to the Developmental Psychopathology Brownbag, Mt. Hope Family Center, University of Rochester. NY.

Li, Z. (2017). Research informed by evo-devo thinking: Child and adolescent development as a function of income unpredictability and via internal health mediation. Presentation to the Developmental Brownbag, Department of Human Ecology & Department of Psychology, University of California, Davis.

Li, Z. (2015). Disorganization, *COMT* genotype, and children's social functioning: Testing the Norwegian hypothesis of variation in the legacy of disorganized attachment. Presentation to the Developmental Brownbag, Department of Human Ecology & Department of Psychology, University of California, Davis.

Li, Z. (2017). Gene-X-environment interplay. Guest lecture presented in HDE100A, Department of Human Ecology, University of California Davis.

Li, Z. (2016). Middle childhood and adolescence from the evolutionary developmental perspective. Guest lecture presented in HDE100B, Department of Human Ecology, University of California Davis.

Li, Z. (2015). Genetic foundation of human development. Guest lecture presented in HDE100A, Department of Human Ecology, University of California Davis.

Li, Z. (2014). Stress, coping and resilience. Guest lecture presented in HDE100C, Department of Human Ecology, University of California Davis.

Li, Z. (2013). Context of development: The family context. Guest lecture presented in HDE100A, Department of Human Ecology, University of California Davis.

Li, Z. (2013). Oxytocin and social behavior. Guest lecture presented in HDE102, Department of Human Ecology, University of California Davis.

**Methodology & Special Topic Talks**

Li, Z. (Jan 2024). Data Wrangling. Workshop at Mt. Hope Family Center, University of Rochester, NY, United States.

Li, Z. (May 2024). Regression Mixture Modeling and its Application. Talk at HSDg, University of Rochester. United States.

Li, Z. (2021). On Modeling Physiological and Behavioral Synchrony. Invited talk at Peking University, China.

Li, Z. (2021& 2022). Reflection on Academic Writing. Guest lecture presented in Academic Writing Graduate Class, Peking University, China.

Li, Z. (2017). Modeling income unpredictability via multilevel autoregressive model: Impact of time-series length on accuracy of parameter estimates and prediction power. Presentation to the Quantitative Brownbag, Department of Psychology, University of California, Davis.

**Community Outreach Talks**

Li, Z. (September 2023). Common Mental-health Problems during Adolescence. Invited talk given to College Student Mental Health Peer Counseling Volunteers at Sun Yat-sen University, Guangzhou, Guangdong Province, China.

Li, Z. (June 2023). Paternal Parenting. Invited talk given to residents at Yandongyuan Community, Beijing, China.

**SELECTED MEDIA COVERAGE**

Chill & flexible wins the race when parenting teens- PsychCentral

Keep calm and don't carry on when parenting teens- ScienceDaily

How parents and keep calm during conflicts with their teenagers? – Medindia

Keep calm and don’t carry on when parenting teens – EurekAlert

Science and romance: How your genes could affect the quality of your marriage- MinnPost

**ADDITIONAL PROFESSIONAL ACTIVITIES**

**Editorial Fellow & Editorial Board Member**

 Journal of Family Psychology(01/2023-present)

**Ad Hoc Journal Reviews** (>50 peer reviews completed)

 Child Development

 Development and Psychopathology

 Developmental Science

 Developmental Psychology

 Journal of Family Psychology

 Psychophysiology

 Developmental Psychobiology

 Physiology & Behavior

 Journal of Family Studies

 Journal of Marriage and Family

 Prevention Science

 International Journal of Behavioral Development

 Child Psychiatry & Human Development

 Frontiers in Psychology

 PeerJ

 International Journal of Psychology

**Conference Reviews**

 Society for Research on Adolescence Biennial Meeting (2020, 2022)

 Society for Research in Child Development 2021 Biennial Meeting

**PROFESSIONAL AFFILIATIONS**

Society for Research in Child Development

Society for Research on Adolescence

Association for Psychological Science