# CURRICULUM VITAE ELIZABETH VOTRUBA-DRZAL

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POST-SECONDARY EDUCATION Northwestern University, Evanston, IL Human Development and Social Policy	Ph.D. 2004
Michigan State University, East Lansing, MI James Madison College/ Honors College Social Relations, with High Honors	B.A. 1996
PROFESSIONAL EMPLOYMENT AND EXPERIENCE Director, Learning Research and Development Center Professor Chair, Department of Psychology Chair, Developmental Psychology Program Director of Diversity Initiatives in Psychology Associate Professor, Department of Psychology Assistant Professor University of Pittsburgh, Pittsburgh, PA Secondary Appointments -Learning Sciences and Policy, Psychology in Education, School of Education	2024 - present 2018 - present 2023 - 2024 2022 2017 - 2022 2011 - 2018 2005 - 2011
Senior Scientist, Learning Research and Development Center Research Scientist, Learning, Research, and Development Center	2019 - present 2017 - 2019
Research Affiliate, National Poverty Center, Ann Arbor, MI	2009 – 2015
Faculty Affiliate, Center on Race and Social Problems, University of Pittsburgh, Pittsburgh, PA	2005 - present
Outreach and Coalition Services Coordinator, Child Watch, Children's Defense Fund, Washington, DC	1997 – 1998
Legislative Correspondent / Internship Coordinator, Office of U.S. Senator Carl Levin, Washington, DC	1996 – 1997
Intern, Family Income Division, Children's Defense Fund Washington, DC	1996
HONORS, AWARDS, AND FELLOWSHIPS  Young Scholars Fellowship,  Foundation for Child Development	2010 – 2012
Honorable Mention Dissertation Award Association for Public Policy Analysis and Management	2004

Co-Recipient of Social Policy Award Best Journal Article Society for Research in Adolescence	2004
Dissertation Year Fellowship Spencer Foundation	2003
Dissertation Year Fellowship Northwestern University	2003
Graduate Fellowship Joint Centers for Poverty Research Northwestern University & University of Chicago	2001 - 2003
Graduate Fellowship Institute for Policy Research Northwestern University	1999 - 2000
Phi Beta Kappa, Phi Kappa Phi Michigan State University	1996

### PEER-REVIEWED JOURNAL ARTICLES

- Betancur, L., Votruba-Drzal, E., & Miller, P. (2025). Long-term associations between early childhood education and academic achievement in two low- and middle-income countries.
   International Journal of Educational Development, 116.
   https://doi.org/10.1016/j.ijedudev.2025.103294
- Jones, E.J., Miller, P., Natale, B.N., Dupree, T. +, Damon, S.T., Marsland, A.L., Shaw, D., & Votruba-Drzal, E. (2025) Childhood family income and adult cardiovascular health: Indirect effects through childhood neighborhood socioeconomic advantages and disadvantages in a prospective sample of young men. *Journal of the American Heart Association*. <a href="https://doi.org/10.1161/JAHA.124.037871">https://doi.org/10.1161/JAHA.124.037871</a>
- 3. Blatt, L.R., Hunter-Rue, D., & **Votruba-Drzal**, E. (2025). The moderating role of race/ethnicity on associations between externalizing behavior ratings and school suspensions. *AERA Open*. https://doi.org/10.1177/23328584251327
- 4. Jones, E.J., Miller, P., Gibson-Davis, C.M., Hanson, J.L., & Votruba-Drzal, E. (2025). Family wealth and adolescent physical health. *Health Psychology Review*. https://doi.org/10.1080/17437199.2025.2451232.
- 5. Lanteri, L., Miller, P., **Votruba-Drzal, E.**, & Coley, R.L. (2025). Neighborhood resources and stressors associated with parenting inputs for children's learning and development. *American Journal of Community Psychology*. https://doi.org/10.1002/ajcp.12770
- 6. Silver, A.M., Miller, P., **Votruba-Drzal, E.**, Libertus, M.E., & Bachman, H.J. (2024). Parent predictors of the home math environment and associations with toddler math skills. *Early Childhood Research Quarterly*, 69, 88-100. https://doi.org/10.1016/j.ecresq.2024.07.007

- 7. Libertus, M., Miller, P., Zippert, E.L., Bachman, H.J., & **Votruba-Drzal**, E. (2024). Predicting individual differences in preschoolers' numeracy and geometry knowledge: The role of understanding abstract relations between objects and quantities. *Journal of Experimental Child Psychology*, 247, <a href="https://doi.org/10.1016/j.jecp.2024.106035">https://doi.org/10.1016/j.jecp.2024.106035</a>
- 8. Miller, P., Coley, R. L., Blatt, L., Spielvogel, B., & **Votruba-Drzal**, E. (2024). Using fixed-effects analyses to examine how neighborhood structural, process, and physical characteristics predict children's cognitive skills in a national cohort of elementary school students. *Journal of Educational Psychology*, 116(6), 936–952. https://doi.org/10.1037/edu0000860
- 9. Hunter-Rue, D.S., Miller, P., Hanson, J., & **Votruba-Drzal**, E. (2024) Relations between adolescent perceptions of household chaos and externalizing and internalizing behaviors in low-and middle-income families. *Journal of Research on Adolescence*. <a href="https://doi.org/10.1111/jora.13016">https://doi.org/10.1111/jora.13016</a>
- Duong, S., Davis, T., Bachman, H., Votruba-Drzal, E., & Libertus, M. E. (2024). Exploring dynamic structures of dyadic conversations using cross recurrence quantification analysis: A tutorial. *The Quantitative Methods for Psychology*, 20(2). <a href="https://doi.org/10.20982/tqmp.20.2.p121">https://doi.org/10.20982/tqmp.20.2.p121</a>
- 11. Jones, E.J., Natale, B.N., Blatt, L.R., **Votruba-Drzal**, E, Miller, P., Marsland, A., & Sadler, D.C. (2024) Historical structural racism in the built environment and physical health in Allegheny County, Pennsylvania. *Journal of Urban Health*, 101, 713-729. <a href="https://doi.org/10.1007/s11524-024-00884-6">https://doi.org/10.1007/s11524-024-00884-6</a>
- 12. Duong, S., Elliott, L., Sidoti, O., Bachman, H. J., Libertus, M. E., & **Votruba-Drzal**, E. (2024) Money talks! The role of parents' discussion of money for preschoolers' math knowledge. *Journal of Numerical Cognition*, *10*(2). <a href="https://doi.org/10.5964/jnc.11351">https://doi.org/10.5964/jnc.11351</a>
- 13. Coulanges, L., Bachman, H., J., Libertus, M., **Votruba-Drzal**, E. (2024). Examining profiles of children's screen time and associations with academic skills. *Journal of Children and Media*, 18(2), 235-253. https://doi.org/10.1080/17482798.2024.2327021
- 14. Blatt, L., Sadler, R., Jones, E., Miller, P., Hunter-Rue, D. S., & Votruba-Drzal, E. (2024). Historical structural racism in the build environment and contemporary children's opportunities. *Pediatrics*, 153(2). e2023063230. https://doi.org/10.1542/peds.2023-063230
- 15. Blatt, L., Delale-O'Connor, L. A., Binning, K. R., & **Votruba-Drzal**, E. (2024). School segregation and social processes that shape early and middle childhood development. *Educational Psychologist*, *59*(2), *71-88*. https://doi.org/10.1080/00461520.2023.2282443
- 16. Fox, D. S., Elliott, L., Bachman, H. J., **Votruba-Drzal**, E. & Libertus, M. L. (2024). Diversity of spatial activities and parents' spatial talk complexity predict preschoolers' growth in spatial cognition. *Child Development*, *95*(*3*), 734-749. <a href="https://doi.org/10.1111/cdev.14024">https://doi.org/10.1111/cdev.14024</a>
- 17. Kruzik, C., Coley, R.L., **Votruba-Drzal**, E., Spielvogel, B., Henry, D. A., & Betancur, L. (2024). The early emergence of SES achievement gaps: Disparities across race, ethnicity, and immigrant status. *Race and Social Problems*, *116(1)*, 116-132. <a href="https://doi.org/10.1007/s12552-023-09402-w">https://doi.org/10.1007/s12552-023-09402-w</a>
- 18. Duong, S., Elliott, L. E., Sidoti, O., Bachman, H. J., Libertus, M. E., & Votruba-Drzal, E. (2024). Supplementary materials to "Money talks! The role of parents' discussion of money for

- preschoolers' math knowledge" [Additional information and analyses]. PsychOpen GOLD. <a href="https://doi.org/10.23668/psycharchives.14180">https://doi.org/10.23668/psycharchives.14180</a>
- 19. Miller, P., Blatt, L. R., Hunter, D., Barry, K. R., Jamal Orozco, N.P., Hanson, J. L., & Votruba-Drzal E. (2024). Economic hardship and adolescent behavioral outcomes: Within-and betweenfamily associations. *Development and Psychopathology*. Published online 2024:1-18. <a href="https://doi.org/10.1017/S0954579423001451">https://doi.org/10.1017/S0954579423001451</a>
- 20. Betancur, L., Miller, P. & Votruba-Drzal, E. (2024) Urban-rural achievement gap in low- and middle-income countries: The role of early childhood education. *Early Childhood Research Quarterly*, 66, 11-23. <a href="https://doi.org/10.1016/j.ecresq.2023.08.008">https://doi.org/10.1016/j.ecresq.2023.08.008</a>
- 21. Spencer, C., Reed, R. G., **Votruba-Drzal**, E., & Gianaros, P. J. (2024). Psychological stress and the longitudinal progression of subclinical atherosclerosis. *Health Psychology*, 43(1), 58–66. https://doi.org/10.1037/hea0001333
- 22. Nur, A. A., Leibbrand, C., Curran, S. R., Votruba-Drzal, E., & Gibson-Davis, C. (2023). Managing and minimizing online survey questionnaire fraud: lessons from the Triple C project. *International Journal of Social Research Methodology*, *27*(5), 613–619. <a href="https://doi.org/10.1080/13645579.2023.2229651">https://doi.org/10.1080/13645579.2023.2229651</a>
- 23. Jones, E.J., Marsland, A.L. Kraynak, T.E., **Votruba-Drzal**, E. & Gianaros, P.J. (2023). Subjective social status and longitudinal changes in systemic inflammation. *Annals of Behavioral Medicine*, *57*(*11*), 951-964. DOI: <a href="https://doi.org/10.1093/abm/kaad044">https://doi.org/10.1093/abm/kaad044</a>
- 24. Duong, S., Bachman, H. J., **Votruba-Drzal**, E., & Libertus, M. L. (2023). Exploring the role of "in the moment" and global parent and child factors in parental questioning during shared book viewing. *Cognitive Development*, 66. <a href="https://doi.org/10.1016/j.cogdev.2023.101327">https://doi.org/10.1016/j.cogdev.2023.101327</a>
- 25. Gianaros, P., Miller, P., Manuck, S. B., Kuan, D. C-H., Rosso, A. L., Votruba-Drzal, E., & Marsland, A. L. (2023). Beyond neighborhood disadvantage: Local resources, greenspace, pollution, and crime as residential community correlates of cardiovascular risk and brain morphology in midlife adults. *Psychosomatic Medicine*, 85(5), 378-388. DOI: 10.1097/PSY.000000000001199
- 26. Jones, E., Marsland, A. L., Kraynak, T. E., Votruba-Drzal, E., & Gianaros, P. J. (2023). Is lower subjective social status uniquely associated with multiyear, longitudinal increases in circulating levels of interleuking independently of objective socioeconomic status? *Psychosomatic Medicine*, 85(4), A167-A168.
- 27. Miller, P., Elliott, L., Podvysotska, T., Ptak, C., Duong, S., Coulanges, L., Fox, D. S., Libertus, M. E., Bachman, H. J., & Votruba-Drzal, E. (2023). Toddler home math environment: Triangulating multi-method assessments in a U.S. sample. Frontiers in Psychology, 14, Special Issue: Informal STEM Learning at Home and in Community Spaces. <a href="https://doi.org/10.3389/fpsyg.2023.1105569">https://doi.org/10.3389/fpsyg.2023.1105569</a>
- 28. Elliott, L., **Votruba-Drzal**, E., Miller, P., Libertus, M., & Bachman, H. J. (2023). Unpacking the home numeracy environment: Examining dimensions of number activities in early childhood. *Early Childhood Research Quarterly, 62*, 129-138. <a href="https://doi.org/10.1016/j.ecresq.2022.08.002">https://doi.org/10.1016/j.ecresq.2022.08.002</a>

- 29. Miller, P., \*Betancur, L., Coulanges, L., Kammerzell, J., Libertus, M., Bachman, H. J., &Votruba-Drzal, E. (2022). Time spent playing predicts early reading and math skills through associations with self-regulation. *Journal of Applied Developmental Psychology*. https://doi.org/10.1016/j.appdev.2022.101470
- 30. Dickman, K. D., **Votruba-Drzal**, E., Matthews, K.A. & Kamarck, T.W. (2022). Early life SES, Childhood trauma exposures, and cardiovascular responses to daily life stressors in middle-aged adults. *International Journal of Behavioral Medicine*, *30*(6), 801-813. https://doi.org/10.1007/s12529-022-10141-2
- 31. Elliott., L., Bachman, H. J., Carvalho Pereira, J., Coulanges, L., Doung, S., Montue, T., Miller, P., Libertus, M. & **Votruba-Drzal**, E. (2022) Self-regulation in toddlers and the emergence of pre-academic disparities. *Infant Behavior and Development*, 69. https://doi.org/10.1016/j.infbeh.2022.101779
- 32. Carver, C.E., Duong, S., Bachman, H., **Votruba-Drzal**, E. & Libertus, M.E. (2022). Examining relations between parental feedback types and preschool-aged children's academic skills. *International Journal of Psychological Studies*, *14*(4), *1-19*. DOI: <u>10.5539/ijps.v14n4p1</u>
- 33. Elliott, L., **Votruba-Drzal**, E., Miller, P., Libertus, M., & Bachman, H. J. (2022). Unpacking the Home Numeracy Environment: Examining Dimensions of Number Activities in Early Childhood. *Early Childhood Research Quarterly*, *62*, 129 138. https://doi.org/10.1016/j.ecresq.2022.08.002
- 34. Bachman, H. J., Miller, P., Elliott, L., Duong, S., Libertus, M., & Votruba-Drzal, E. (2022). Associations among socioeconomic status and preschool-aged children's approximate number system acuity, number, and spatial skills: The role of executive function. *Journal of Experimental Child Psychology*. <a href="https://doi.org/10.1016/j.jecp.2022.105453">https://doi.org/10.1016/j.jecp.2022.105453</a>
- 35. Binning, K, Blatt, L., Chen, S., & **Votruba-Drzal**, E. (2021) Going to college with a posse. *American Educational Research Association Open*, 7. https://doi.org/10.1177/23328584211049223
- 36. Silver, A.M., Elliott, L., Braham, E., Bachman, H.J., **Votruba-Drzal**, E., Tamis-LeMonda, C.S., Cabrera, N. & Libertus, M.E. (2021). Measuring emerging number knowledge in toddlers. *Frontiers in Psychology*, 12: 703598. DOI: 10.3389/fpsyg.2021.703598
- 37. Duong, S., Bachman, H., **Votruba-Drzal**, E., & Libertus, M. (2021). What's in a question? Parents' question use in dyadic interactions and the relation to preschool-aged children's math abilities. *Journal of Experimental Child Psychology*, 211. https://doi.org/10.1016/j.jecp.2021.105213
- 38. Miller, P., Podvysotska, T., Betancur, L. & **Votruba-Drzal**, E. (2021) Wealth and child development: Differences in associations by family income and developmental stage, *RSF*: *The Russell Sage Foundation Journal of the Social Sciences*, 7, 154 174. DOI: https://doi.org/10.7758/RSF.2021.7.3.07
- 39. Blatt, L. R. & Votruba-Drzal, E. (2021). District-level school choice and racial/ethnic test score gaps. *American Educational Research Journal*, 58(6), 1178-1224. <a href="https://doi.org/10.3102/0002831221999405">https://doi.org/10.3102/0002831221999405</a>

- 40. Miller, P., Whitfield, K., Betancur, L., & **Votruba-Drzal**, E. (2021). Income dynamics and behavior problems in early childhood, middle childhood, and the transition to adolescence. Journal of Applied Developmental Psychology, 77. <a href="https://doi.org/10.1016/j.appdev.2021.101345">https://doi.org/10.1016/j.appdev.2021.101345</a>
- 41. Whitfield, K., Betancur, L: Miller, P., & **Votruba-Drzal**, E. (2021). Longitudinal links between income dynamics and young adult socioeconomic and behavioral health outcomes. *Youth & Society*, 53(7), 1181-1210. https://doi.org/10.1177/0044118X21996382
- 42. Votruba-Drzal, E., Miller, P., Betancur, L., Spielvogel, B., Kruzik, C., & Coley, R. L. (2021). Family and community resource and stress processes related to income disparities in school-aged children's development. *Journal of Educational Psychology*, 113(7), 1405-1420. <a href="https://doi.org/10.1037/edu0000589">https://doi.org/10.1037/edu0000589</a>
- 43. Coley, R.L., Spielvogel, B., Kruzik, C., Miller, P., Betancur, L., & **Votruba-Drzal**, E. (2021). Explaining income disparities in young children's development: The role of community contexts and family processes. *Early Childhood Research Quarterly*, *55*, 295 311. <a href="https://doi.org/10.1016/j.ecresq.2020.12.006">https://doi.org/10.1016/j.ecresq.2020.12.006</a>
- 44. Betancur, L., Maldonado-Carreño, C., **Votruba-Drzal**, E. & Bernal, R. (2021). Measuring preschool quality in low- and middle-income countries: Validity of the ECERS-R in Colombia. *Early Childhood Research Quarterly*, *54*(1), 86-98. DOI: 10.1016/j.ecresq.2020.08.001
- 45. Bachman, H.J., Elliott, L., Duong, S., Betancur, L., Navarro, M., **Votruba-Drzal**, E., & Libertus, M. E. (2020). Triangulating multi-method assessments of parental support for early math development. *Frontiers in Education*. https://doi.org/10.3389/feduc.2020.589514
- Blatt, L.R., Schunn, C. D., Votruba-Drzal, E., & Rottman, B. M. (2020). Variation in which key motivational and academic resources relate to academic performance disparities across introductory college courses. *International Journal of STEM Education*, 7(58). DOI: 10.1186/s40594-020-00253-0
- 47. Miller, P., Betancur, L., Whitfield, K. & **Votruba-Drzal** (2021). Examining income dynamics and externalizing and internalizing trajectories through a developmental psychopathology lens: A nationally representative study. *Development and Psychopathology*, 33(1):1-17.
- 48. Kruzik, C., Coley, R.L., & Votruba-Drzal, E. (2020). Do family investments explain growing socioeconomic disparities in children's reading, math, and science achievement during school versus summer months? *Journal of Educational Psychology*, 112(6), 1183–1196. <a href="https://doi.org/10.1037/edu0000427">https://doi.org/10.1037/edu0000427</a>
- 49. Henry, D. A., Betancur, L. & **Votruba-Drzal**, E. (2020). Black-White achievement gaps differ by family socioeconomic status from early childhood through adolescence. *Journal of Educational Psychology*, 112(8), 1471-1489. https://doi.org/10.1037/edu0000439
- 50. Henry, D. A., Miller, P., Votruba-Drzal, E., & Parr, A. K. (2019). Safe and sound? Exploring parents' perceptions of neighborhood safety at the nexus of race and socioeconomic status. In D. A. Henry, P. Miller, & E. Votruba-Drzal (Eds.) Advances in child development and behavior: Child development at the intersection of race and SES (Vol. 57, pp. 281-313). Series Editor: J. B. Benson. Cambridge, MA: Elsevier (Academic Press imprint). DOI:10.1016/bs.acdb.2019.05.001

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- 52. Duncan, G., Magnuson, K., Murnane, R., & **Votruba-Drzal**, E. (2019). Income Inequality and the Well-Being of American Families. *Family Relations*, 68, 313 325. DOI: 10.1111/fare.12364
- 53. Coley, R.L., Sims, J., **Votruba-Drzal**, E. & Thomson, D. (2019). The Intergenerational Transmission of Socioeconomic Inequality through School and Neighborhood Processes. *Journal of Children and Poverty*, 25, 79 100. doi.org/10.1080/10796126.2019.1616165.
- 54. Miller, P. Votruba-Drzal, E., & Coley, R.L. (2019). Poverty and Academic Achievement Across the Urban to Rural Landscape: Associations with Community Resources and Stressors. *The Russell Sage Foundation Journal of the Social Sciences*, 5 106-122. DOI: 10.7758/RSF.2019.5.2.06
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- 56. Heatly, M.C. & **Votruba-Drzal**, E. (2019). Developmental Precursors of Engagement and Motivation in Fifth Grade: Linkages with Parent- and Teacher-Child Relationships. *Journal of Applied Developmental Psychology*, 60, 144 156. DOI:10.1016/j.appdev.2018.09.003
- 57. Betancur, L.A., Rottman, B.M., **Votruba-Drzal**, E., & Schunn, C. (2019). Analytical Assessment of Course Sequencing: The Case of Methodological Courses in Psychology. *Journal of Educational Psychology*, *111*, 91 103. DOI: 10.1037/edu0000269
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### BOOKS. BOOK CHAPTERS. EDITED JOURNALS

- 108. Henry, D. A. Miller, P., & Votruba-Drzal, E. (Eds.) (2019). Advances in Child Development and Behavior: Child Development at the Intersection of Race and SES (Vol. 57). Series Editor: J. B. Benson. Elsevier: Cambridge, MA.
- 109. Barnett, W. S., **Votruba-Drzal**, E., Dearing, E., & Carolan, M.E. (2017). Publicly supported early care and education programs. In E. Votruba-Drzal & E. Dearing (Eds.), *Handbook of Early Childhood Development Programs, Practices, and Policies*. Hoboken, NJ: Wiley & Sons.
- 110. **Votruba-Drzal, E.** & Dearing, E. (2017). *Handbook of Early Childhood Development Programs, Practices, and Policies: Theoretically and Empirically Supported Strategies for Promoting Young Children's Growth in the U.S.* Hoboken, NJ: John Wiley & Sons.
- 111. Duncan, G.J., Magnuson, K.A., & Votruba-Drzal, E. (2015). Socioeconomic status and child development. In M. H. Bornstein, T. Leventhal, & R. Lerner (Eds.), Handbook of Child Psychology, Seventh Edition, Volume Three: Ecological Settings and Processes. Hoboken, NJ: John Wiley & Sons.

- 112. Magnuson, K. A. & **Votruba-Drzal** E. (2009). Enduring influences of childhood poverty. In S. Danziger & M. Cancian (Eds.), *Changing Poverty Changing Policies*. (pp. 153 179) New York, NY: Russell Sage.
- 113. Bell, H., Lohman, B., & **Votruba-Drzal,** E. (2006). Through a quantitative and qualitative lens: Looking at the differential effects of domestic violence on women's welfare receipt and work participation. In J. Henrici (Ed.), *Women and U. S. Poverty*. Tucson, AZ: The University of Arizona Press.
- 114. Chase-Lansdale, P. L. & **Votruba-Drzal**, E. (2004). Human development and the potential for change from the perspective of multiple disciplines. In P. L. Chase-Lansdale, K. Kiernan, & R. J. Friedman (Eds.), *Human development across lives and generations: The potential for change* (pp. 343-366). New York: Cambridge University Press.

### INVITED TALKS/PANELIST

Votruba-Drzal, E. (May, 2024). *Parents Promoting Early Learning*. Panelist PI meeting on Early Childhood Learning in New Educational Settings: Disruptions, Transitions, and Opportunities. National Science Foundation EHR Core Research Program.

Votruba-Drzal, E. (November, 2020). *Parents Promoting Early Learning*. Panelist PI meeting on Early Childhood Learning in New Educational Settings: Disruptions, Transitions, and Opportunities. National Science Foundation EHR Core Research Program.

Votruba-Drzal, E. (May, 2020). *Resiliency and resiliency strengthening interventions for vulnerable populations*. Technical expert for U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation.

Votruba-Drzal, E (February, 2020). *Income, wealth, and child development: Main effects, moderated effects, and differences by developmental stage.* Russell Sage Foundation Conference on Wealth, Inequality, and Child Development.

Votruba-Drzal, E. (April, 2019). Early Care and Education for Children from Immigrant Families: Improving Access and Promoting Child Development. Foundation for Child Development, Young Scholars: Children of Immigrants Webinar Series, New York, NY.

Votruba-Drzal, E. (June, 2018). *Environmental Influences on Math Learning*. Invited discussant at the 6<sup>th</sup> International Workshop on Advanced Learning Sciences (IWALS). Pittsburgh, PA.

Votruba-Drzal, E. (September, 2017). *Economic Disadvantage and Child Development in Communities Spanning the Urban to Rural Continuum*. Invited talk at the Twelfth International School on Mind, Brain and Education (ISMBE): Neuroscience of Poverty, Ettore Majorana Centre for Scientific Culture, Sicily.

Votruba-Drzal, E. (June, 2016). *Rising Income Inequality and Prevention Research*. Invited talk at the Society for Prevention Research Annual Conference, San Francisco, CA.

Votruba-Drzal, E. (March, 2015). *Causal Inference*. Invited talk at the Society for Research in Child Development Biennial Conference, Philadelphia, Pennsylvania.

Votruba-Drzal, E. (May, 2012). Early Care and Education Experiences and School Readiness: The Importance of Developmental Timing and Household Resources. Population Research Center, National Opinion Research Center, Center for Human Potential and Public Policy, University of Chicago.

Votruba-Drzal, E. (November, 2011). *The Social and Economic Well Being of Immigrants*. Invited discussant at the Fall Research conference of the Association of Public Policy Analysis and Management, Washington, D.C.

Votruba-Drzal, E. (October, 2011). *Income and child development during the transition to school.* Steinhardt School of Culture, Education and Human Development. New York University, New York, NY.

Votruba-Drzal, E. (May, 2011). Urbanicity and Income-Related Disparities in School Readiness: Are Low-Income Rural Children at Higher Risk for Low Academic Achievement at School Entry. University of Kentucky Center for Poverty Research. Lexington, KY.

Votruba-Drzal, E. (February, 2011). Academic Achievement among Children of Immigrants: A Cross-Contextual Analysis. Eastern Sociological Society. Philadelphia, PA.

Votruba-Drzal, E. (November, 2010). *Nonparental care experiences and the development of children in poverty*. Department of Psychology, Universidad de Los Andes, Bogota Colombia.

Magnuson, K.A. & Votruba-Drzal, E. (May, 2009). *Enduring influences of child poverty*. National Poverty Center's Changing Poverty Conference. Madison, WI.

Votruba-Drzal, E. (December, 2008). *Job loss and child development*. Next Generations Meeting, Manpower Demonstration Research Corporation, New York, NY.

Votruba-Drzal, E. (October, 2006). 25<sup>th</sup> anniversary celebration of the program in Human Development and Social Policy Program at Northwestern University, Evanston, IL.

Votruba-Drzal, E. (June, 2006). *Child development and the National Longitudinal Survey of Youth.* National Poverty Center's Poverty and Child Development Data Workshop, Ann Arbor, MI.

Votruba-Drzal, E. (November, 2004 – February 2005). *Economic disparities in middle childhood development: Does income matter?* Human Development and Family Studies at Penn State University; Department of Psychology at the University of Denver; Developmental and Educational Psychology Department at Boston College; Department of Human Development and Family Studies at the University of California – Davis; Department of Public Policy at the University of North Carolina Chapel Hill; Department of Psychology at the University of Pittsburgh.

Votruba-Drzal, E. (November 2004). *Influence of childcare on low-income children's cognitive and social trajectories: Main effects & subgroup differences.* Department of Psychology at Temple University; Department of Family Science at University of Maryland.

Votruba-Drzal, E. (September, 2004). Discussant Census Bureau Research Development Grants Conference: 2003 – 2004. Joint Center for Poverty Research, Northwestern University/ University of Chicago sponsored conference at U.S. Census Bureau, Suitland, MD.

# **CONFERENCE SYMPOSIA (Last 5 Years)**

Votruba-Drzal, E. (2024). *Childhood contextual antecedents of adult cardiometabolic health: Preliminary findings from a prospective study of men born into low-income circumstances.* Paper symposium at the 81<sup>st</sup> Annual Meeting for the American Psychosomatic Society, Brighton, UK.

Votruba-Drzal, E. (2021). Evidence of the benefits of early childhood programs on child development in international contexts. Paper symposium at the Biennial Meeting of the Society for Research in Child Development, virtual conference.

Votruba-Drzal, E. (2021). *More than money: The roles of wealth, income, and other economic circumstances in child development.* Paper symposium at the Biennial Meeting of the Society for Research in Child Development, virtual conference.

# **CONFERENCE PRESENTATIONS (Last 5 Years)**

Wanless, S., & Votruba-Drzal, E. (2024, May). *Building a university-community prevention pathway*. Paper presented at Society for Prevention Research 32<sup>nd</sup> Annual Meeting, Washington, DC.

Leverett-Ptak, C., Coulanges, L., Votruba-Drzal, E., Libertus, M., & Bachman, H. (2024, April). Unpacking sources of variability in parent math support in the home environment: A qualitative examination. In N. Tulagan (Chair). The role of caregivers in fostering student learning and development. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, PA.

Silver, A.M., Miller, P., Bachman, H.J., Libertus, M., & Votruba-Drzal, E. (2024, April). *Parent predictors of the home math environment and associations with toddlers' math skills*. In C. Msall (Chair). *Broadening our understanding of early math support at home and at school*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, PA.

Blatt, L. & Votruba-Drzal, E. (2024, April). Links between school segregation and children's academic skills in elementary school across geographic levels. In C. Brecklin (Chair). Schools, neighborhoods and the geography of educational opportunity. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, PA.

Votruba-Drzal, E. & Jones, E. (2024, March). *Historical structural racism in the built environment and physical health in Allegheny County, Pennsylvania*. In M. Stanton (Chair). *Racialized stress & biopsychosocial health*. [Symposium]. Paper presented at the 81<sup>st</sup> Annual Meeting for the American Psychosomatic Society, Brighton, UK.

Votruba-Drzal, E. & Jones, E. (2024, March). *Childhood socioeconomic circumstances at the family and neighborhood levels in relation to cardiovascular health in adulthood.* In E.Votruba-Drzal (Chair). *Childhood contextual antecedents of adult cardiometabolic health: Preliminary findings from a prospective study of men born into low-income circumstances.* [Symposium]. Paper presented at the 81<sup>st</sup> Annual Meeting for the American Psychosomatic Society, Brighton, UK.

Ptak, C., Miller, P., Hanson, J., Votruba-Drzal, E. (2023, March). *The role of fluctuations in monthly economic circumstances on caregiver mental health.* Poster presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.

Podvysotska, T., Miller, P., Hanson, J., & Votruba-Drzal, E. (2023, March). *Assets & debts and child development: Main effects and developmental differences*. Paper presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.

- Miller, P., Spielvogel, B., Coley, R. L., Blatt, L., Betancur Cortés, L., & Votruba-Drzal, E (2023, April). Associations between neighborhood characteristics and elementary school students' academic and executive functioning skills. Paper presented at the annual meeting of the American Educational Research Association (AERA), Chicago, IL.
- Blatt, L. & Votruba-Drzal, E (2023, March). Associations between district-level school segregation and children's proximal social development in elementary school. Poster presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.
- Hunter-Rue, D.S., Miller, P., Hanson, J., & Votruba-Drzal, E., (2023, March) *The influence of youth perceptions of household chaos on externalizing and internalizing behaviors*. In D.S. Hunter-Rue (Chair). *Home instability, structure* & *interactions: Their role in predicting adolescent mental health*. [Symposium]. Society for Research in Child Development, Salt Lake City, Utah.
- Bachman, H. J., Elliott, L., Podvysotska, T., Libertus, M., Miller, P., & Votruba-Drzal, E. (2023, March). *The home learning environment in toddlerhood: Connections to SES and early math and language skills*. Flash talk paper Presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.
- Coulanges, L., Bachman, H. J., Libertus, M., Votruba-Drzal, E. (2023, March). *Examining predictors of young children's screen time during COVID-19. Promoting positive media use across development.* Flash talk symposium Presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Salt Lake City, UT.
- Carvalho Pereira, J. M., Elliott, L., Duong, S., Kothari, D., Lopiccolo, D., Bachman, H. J., Votruba-Drzal, E., & Libertus, M. E. (2023, March). *Are some math talk types more/less related to concurrent math skills? Examining preschoolers' quantifier talk.* Poster presented at the 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Carvalho Pereira, J. M., Elliott, L., Miller, P., Montue, T., Bachman, H. J., Votruba-Drzal, E., & Libertus, M. E. (2023, March). *A novel method for directly measuring toddlers' self-regulation skills remotely: The find bear task*. Poster presented at 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Duong, S., Carvalho Pereira, J. M., Lopiccolo, D., Votruba-Drzal, E., Bachman, H. J., & Libertus, M. E. (2023, March). *Beneath counts: Exploring the dynamics of caregiver-child conversations about numbers and math in semi-structured activities.* Poster presented at Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
- Duong, S., Davis, T., Votruba-Drzal, E., Bachman, H. J., & Libertus, M. E. (2023, March). *It takes two to tango: Dynamic and reciprocal caregiver-child conversations about numbers and math.* In I. Chandler-Campbell & S. Duong (Chairs), *Tinkerer, Investigator, Learner, Scientist: Promoting children's active role in informal STEM conversations.* [Symposium]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
- Fox, D., Votruba-Drzal, E., Bachman, H. J., & Libertus, M. E. (2023, March). *Assessing individual differences in toddlers' spatial cognition using a modified test of spatial assembly (TOSA)*. Poster presented at the 2023 Biennial Meeting of the Society for Research in Child Development, Salt Lake City, Utah.

- Coulanges, L., Bachman, H.J., Libertus, M.E., & Votruba, E. (2021, April). *Educational screen time exposure and children's literacy and numeracy skills*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Sidoti, O.C., Duong, S., Laird, M., Bachman, H.J., Libertus, M.E., & Votruba-Drzal, E. (2021, April). *Variations in parental talk about numbers and money during pretend play with 4-year-olds.* Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Betancur, L., Miller, P., & Votruba-Drzal, E. (2021, April). *Long-term associations between early childhood education and academic achievement in low-and middle-income countries.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Podvysotska, T., Miller, P., Betancur, L. & Votruba-Drzal, E. (2021, April). *How multiple dimensions of family wealth interface with income to shape children's academic and behavioral outcomes.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Kammerzell, J., Duong, S., Heywood, N., Isaacson, M., Libertus, M.E., Votruba-Drzal, E., & Bachman, H.J. (2021, April). *Exploring relations between parent and child factors and parental praise to preschool-aged children*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Silver, A., Braham, E, Elliott, L., Tamis-Lemonda, C. S., Cabrera, N, Bachman, H.J. Votruba-Drzal, E., Libertus, M.E. (2021, April). *Measuring emerging number knowledge in toddlers*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Betancur, L. & Votruba-Drzal, E. (2021, April). *The experiences of child poverty in low-and middle-income countries: Community mechanisms of urbanicity and academic achievement.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Libertus, M.E., Miller, P., Elliott, L., Bachman, H.J. & Votruba-Drzal, E. (2021, April). *Relations among SES and children's approximate number system, number, and spatial skills.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Henry, D.A., Blatt, L.R., Betancur, L., Votruba-Drzal, E. (2021, April). *Disparate impact: Using an intersectional lens to explore how race/ethnicity and family socioeconomic status intersect to shape academic development among children of color*. Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Coley, R.L., Miller, P., Spielvogel, B., Betancur, L. Blatt, L.R. & Votruba-Drzal, E. (2021, April). *Using within and across-neighborhood change to assess how neighborhood conditions affect children's achievement.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Duong, S., Bachman, H., Votruba-Drzal, E. & Libertus, M.E. (2021, April). *Parents' sensitivity to child-level factors and the relation to parental questioning during dyadic interactions*. Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.

- Hunter, D. S., Votruba-Drzal, E. Miller, P., & Hanson, J. (2021, April). *Adaptation of the family stress model: Youth perceptions of financial hardship and stress*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Blatt, L. R. & Votruba-Drzal, E. (2021, April). *The moderating role of race/ethnicity on associations between externalizing problem behaviors and school suspensions*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Jamal-Orozco, N., Votruba-Drzal, E., Miller, P., Hanson, J., Hunter, D.S. & Whitfield, K. (2021, April). *Seeing eye to eye? Parent and youth social status agreement and youth psychosocial development.* Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Duong, S., Bachman, H., Votruba-Drzal, E. & Libertus, M.E. (2021, April). *Minute-by-minute variations in parental number talk and their implications for coding parent-child interactions*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Montue, T, Elliott, L., Heywood, N., Podvysotska, T., Miller, P., Bachman, H.J., Libertus, M.E., & Votruba-Drzal, E. (2021, April). *Differential experiences of financial strain in response to COVID-19*. Poster presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Miller, P., Hunter, D., Jamal-Orozco, N., Hanson, J., & Votruba-Drzal, E. (2021, April) *Month-to-month income volatility and adolescent problem behaviors: Extending the family stress model to include youth perspectives.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Kruzik, C., Coley, R.L., Henry, D.A., Spielvogel, B., Betancur, L. & Votruba-Drzal, E. (2021, April). *Socioeconomic factors and early cognitive skills: Understanding differential patterns by race, ethnicity, and immigration status.* Paper presented at the Biennial Conference of the Society for Research in Child Development, virtual conference.
- Whitfield, K. & Votruba-Drzal, E. (2019, May). *Unmarried father involvement, coresidence & child externalizing behavior: Longitudinal mediation by father-child relationship closeness.* Poster presented at the 31<sup>st</sup> annual meeting of the Association for Psychological Science, Washington, DC.
- Blatt, L.R. & Votruba-Drzal, E. (2019, April). *The association between school choice and district-level race/ethnic achievement disparities.* Paper presented at the annual meeting of the American Education Research Association, Toronto, ON.
- Betancur, L. & Votruba-Drzal, E. (March, 2019). *Long-term associations of attending early childhood education in low- and middle-income countries and vocabulary skills*. Paper presented at the Biennial Conference of the Society for Research in Child Development, Baltimore, MD.
- Levine Coley, R. Spielvogel, B., Kruzik, C., Miller, P., Votruba-Drzal, E. (March, 2019) *Family and community drivers of economic disparities in school readiness skills*. Paper presented at the Biennial Conference of the Society for Research in Child Development, Baltimore, MD.

### **SPONSORED RESEARCH PROJECTS**

**External Funding** 

National Science Foundation

#### Votruba-Drzal 18

Number and spatial skill development from 2 years to 2nd grade: Examining associations with home math environments in early and middle childhood

(DRL- 2400078) Total costs: \$3.679.974

Project title: Co-Principal Investigator

Other investigators: Melissa Libertus, Heather Bachman

National Institutes of Health

05/12/2023 - 02/29/2028

A Different Type of Economic Fragility: Wealth and Adolescent Problem Behavior

(1R01HD110423) Total costs: \$2,723,902 Title: Co-Investigator

Other investigators: Portia Miller, Christina Gibson-Davis, Jamie Hanson

National Science Foundation

9/1/2019 - 8/31/2024

Early Emergence of Socioeconomic Disparities in Mathematical Understanding

(DRL-2204090) – Postdoc Supplement

Total costs: \$121,061

Project title: Co-Principal Investigator

Other investigators: Melissa Libertus, Heather Bachman

National Institutes of Health

7/1/2020 - 6/30/2022

Digital media use and early math learning

(3R01HD093689-01A1) Total costs: \$151,830

Project title: Co-Principal Investigator

Other investigators: Linsah Coulanges, Heather Bachman, Melissa Libertus

National Institutes of Health

1/15/2022 - 12/31/2023

Father Closeness in Early Childhood as Predictor of Adult Health Outcomes

(3R01HL152444-01A1S1) Total costs: \$107,248

Project title: Co-Principal Investigator

Other investigators: Kendra Whitfield, Anna Marsland, Daniel Shaw

National Institutes of Health

8/1/2021 - 7/31/2025

Childhood Antecedents of Adult Cardiometabolic Health: A Prospective Study of Low-Income Men

(R01 HL152444) Total costs: \$3,801,351

Project title: Co-Principal Investigator (17%) Other investigators: Anna Marsland, Daniel Shaw

National Institutes of Health

7/1/2020 - 6/30/2023

Biobehavioral Study of Cardiovascular Disease

(P01HL04962-23) Total cost: \$2,303,344

Project title: Co-Investigator (7%) Other investigators: Peter Gianaros

National Science Foundation

9/1/2019 - 8/31/2024

Early Emergence of Socioeconomic Disparities in Mathematical Understanding

#### Votruba-Drzal 19

(DRL-1920545)

Total costs: \$2,108,317

Project title: Principal Investigator (17%)

Other investigators: Melissa Libertus, Heather Bachman

National Institutes of Health

5/1/2019 - 4/31/2024

How Parents Support Young Children's Math Thinking Across SES

(R01 HD093689) Total costs: \$3,095,322

Project title: Co-Investigator (17%)

Other investigators: Melissa Libertus, Heather Bachman

National Institutes of Health

4/1/2018 - 3/31/2024

Walking Exploration and Language in High/Low Risk Infants

(R01 DC016557) Total costs: \$524,293

Project title: Co-Investigator (4%) Other investigators: Jana Iverson

National Institutes of Health

7/20/2017 - 6/30/2022

Metabolic and Inflammatory Pathways of Midlife Neurocognitive Disparities

(1R01DK110041) Total costs: \$449,857

Project title: Co-Investigator (5%) Other investigators: Anna Marsland

National Science Foundation

7/1/2017 - 6/30/2019

Collaborative Research: Resource and Stress Processes Underlying Economic Disparities in Early

School Success (DS-1650612) Total costs: \$307,398

Project title: Principal Investigator (14.6%) Other investigators: Rebekah Levine Coley

National Institutes of Health

4/1/2017 - 3/31/2019

Income Dynamics and Behavioral Trajectories across Childhood and Adolescence: Implications for

Functioning into Adulthood (R03 HD091610)

Total costs: \$155,689

Project title: Principal Investigator (8.3%)

National Science Foundation

9/1/2015 - 8/30/2020

Build, Understand, and Tune Interventions that Cumulate to Real Impact

Total costs: \$1,795,922

Project title: Co-Investigator (8.3%) Other investigators: Tim Nokes-Malach

National Science Foundation

7/1/2015 - 6/30/2016

Investigating Motivation and Transfer in Physical Science through Preparation for Future Learning

Instruction

Total costs: \$593,278

Project title: Co-Investigator (2%) Other investigators: Tim Nokes-Malach

National Institutes of Health

5/1/2013 - 4/31/2018

Reaching, Posture, Object Exploration, and Communication in High- and Low-Risk Infants

(R01 HD073255) Total costs: \$2,452,408

Project title: Co-Investigator (4% Effort) Other investigators: PI: J. Iverson

Spencer Foundation

6/1/2013 - 5/31/2016

Disparities in School Readiness Skills and the Role of Early Care and Education

Total costs: \$355,724 Project title: Co-PI

Other investigators: Co-PI R. Levine Coley

National Institutes of Health

5/1/2012 - 4/30/2015

A Pilot Stress Management Intervention for High Risk Children with Asthma

(11R34HL107613) Total costs: \$649,319

Project title: Co-Investigator (5% Effort Final Year)

Other investigators: PI: A. Marsland

Gordon and Betty Moore Foundation

2/1/2011 - 1/31/2013

Center for the Study of Activated Science Learners

Total costs: \$3,999,646

Project title: Co-Investigator (10%)

Other investigators: PIs K. Crowley, R. Dorph, and P. Shields

Foundation for Child Development

7/1/2010

6/30/2012

Early Education and Care Experiences and School Readiness of Children of Immigrants

Total costs: \$150,000

Project title: Principal Investigator

Other investigators: None

Center for Poverty Research

9/1/2010 - 5/31/2011

Urbanicity and Income-Related Disparities in School Readiness: Are Low-Income Rural Children at

Higher Risk for Low Academic Achievement at School Entry

Total costs: \$20,000

Project title: Principal Investigator

Other investigators: None

National Institutes of Health

2/15/2009 - 1/31/2014

Health Promotion in Early Adolescence: Sleep Activity and Emotion Regulation (1R01HD057893-01)

Total costs: \$2,966,523)

Project title: Co-Investigator (10% Effort) Other investigators: PI: R. Dahl, Co-I D. Shaw

National Institutes of Health

9/1/2008 - 8/31/2010

Child Care Resources in Low-Income Communities: Implications for the Well-Being of Mothers and

Children (1R03HD057294) Total costs: \$162,587

Project title: Principal Investigator Other investigators: Co-PI: R. Coley

National Institutes of Health

7/31/2008 - 6/30/2010

Early Income Disparities and Academic Trajectories: An Analysis across Contexts

(1R03HD056019) Total costs: \$148,500

Project title: Principal Investigator Other investigators: Co-PI: H. Bachman

Spencer Foundation

8/1/2006 - 7/31/2007

Cross-Contextual Sources of Economic Disparities in Early Academic Trajectories

Total costs: \$39,722

Project title: Principal Investigator Other investigators: Co-PI H. Bachman

**Spencer Foundation** 

6/1/2003 - 5/31/2004

Starting School on Unequal Ground: The Environmental Origins of Economic Disparities in School

Readiness and Early Academic Achievement

Total costs: \$20,000

Project title: Principal Investigator

Other investigators: None

**Internal Funding** 

University of Pittsburgh

2/1/2023 - 12/31/2024

Linking Initiatives for Child Thriving

Total costs: \$400,000

Project title: Co-Principal Investigator

Other Investigators: Shannon Wanless, James Huguley, Daniel Shaw

Learning Research and Development Center

5/1/2017 - 6/30/2021

Income Dynamics and Adolescent Development: Understanding Behavioral and Academic Disparities

Through Dense Sampling of Income, Parenting, and Perceptions of Financial Stress

Total Costs: \$145,405

Project title: Co-Principal Investigator

Other investigators: Jamie Hanson, Portia Miller

Learning Research and Development Center

7/1/2017 - 6/30/2019

How Low- and High-SES Parents Support Young Children's Mathematical Thinking

Total Costs: \$149,962 Project title: Co-Investigator

Other investigators: Melissa Libertus & Heather Bachman

University Center for Social and Urban Research

7/1/2015 - 10/31/2017

Steven Manners Faculty Development Award

Intersection of Race and Socioeconomic Status in Early Family Life

Total costs: \$10,000

Project title: Principal Investigator

Other investigators: None

Office of Research, University of Pittsburgh

7/31/2011 - 7/31/2013

Early Care and Education Experience among U.S Children: The Roles of Poverty and Ethnicity

Total costs: \$15,999

Project title: Principal Investigator

Other investigators: None

Office of Research, University of Pittsburgh

7/31/2008 - 6/30/2010

Child Care Resources in Low-Income Communities: Implications for the Well-Being of Mothers and

Children

Total costs: \$12,547 (no indirect costs) Project title: Principal Investigator

Other investigators: None

Office of Research, University of Pittsburgh

7/1/2006 - 6/30/2008

Cross-Contextual Sources of Economic Disparities in Early Academic Trajectories

Total costs: \$11,572 (no indirect costs) Project title: Principal Investigator Other investigators: H. Bachman

# **COURSES TAUGHT**

PSY1312 Undergraduate Course Child Development and Social Policy

PSY 2005 Statistics 1: Introduction to General Linear Model

PSY2010 Statistics 2: Applied Regression Analysis

PSY2376: Graduate Seminar Child Development and Public Policy

### **MENTORING**

# **Post-Doctoral Trainees**

Emily Jones	2022 - current
Erica Zippert	2022 - 2023
Leanne Elliott	2019 - 2022
Portia Miller	2015 - 2017

# Graduate (Ph.D.) Students

Amber Liller	2024 - present
Chelsea Ptak	2021 - 2024
Daniesha Hunter	2020 - 2024
Nabila Jamal Orozco	2019 - 2023
Tamara Podvysotskaya	2018 - present
Lorraine Blatt	2017 - 2024
Kendra Whitfield	2016 - 2020
Laura Betancur	2014 - 2020
Daphne Henry	2011 - 2018
Portia Miller, Department of Psychology	2009 - 2015
Abel Koury, Department of Psychology	2008 - 2012
Melissa Castle, Department of Psychology	2008 - 2015
Stephanie Davis, Department of Psychology	2006 - 2008
Carolina Maldonado-Carreño, School of Education	2006 - 2008

# **Undergraduate & Post-Baccalaureate Students**

Shaughney Richardson, Psychology Research Assistant, 2023

Darin Fields, Department of Psychology, Honor's Thesis, 2023

Siyan He, Department of Psychology, Honor's Thesis, 2022

Vish Juvvadi, Department of Psychology, Honor's Thesis, 2022

Chelsea Carver, Department of Psychology, Honor's Thesis, 2021

Uma Balaji, Department of Psychology Honor's Thesis, 2020

Natalie Heywood, University of Cincinnati, Hot Metal Bridge Co-Mentor, 2019

Hope Melendez, SUNY Geneseo, LRDC Internship Mentor, 2019

Elizabeth Andrews, University of North Carolina- Chapel Hill, LRDC Internship Mentor, 2018

Leyana Clarice Johnson, Georgia State University, SUPRE Student Mentor, 2018

Tanesha Johnson, Hampton University, Hot Metal Bridge Fellow Mentor, 2017

Klaudia Glogowska, University of Pennsylvania SUPRE Student Mentor, 2017

Franchesca Bianconi, Department of Psychology, Honors Thesis Committee Chair, 2017

Camille Greene, Department of Psychology, Directed Research, 2016, 2017

Amenia Coleman, Department of Psychology, Directed Research 2015, 2016

Brandy Ashley, Department of Psychology, Directed Research 2015, 2016

Camille Green, Department of Psychology, Directed Research 2015, 2016 Kaity Mumma, Department of Psychology, Directed Research, 2014, 2015

Cassandra Chew, Department of Psychology, Honors Thesis Committee Chair, 2014

Meghan McQuiggan, Department of Psychology, Directed Research, 2014

Ibrahima Balde, Department of Psychology, Directed Research, 2014

Rachel Safirstein, Department of Psychology, Undergraduate Teaching Assistant, 2011

Laura Guilani, Department of Psychology, Undergraduate Teaching Assistant, 2011

Keely Jones, Department of Psychology, Undergraduate Teaching Assistant, 2011

Daphne Henry, Department of Psychology, Hot Metal Bridge Mentor, 2010

Agatha Kiecun, Department of Psychology, Honors Thesis Committee Chair, 2010

Elizabeth Palathra, Department of Psychology, Directed Research, 2010

Melissa Eells, Department of Psychology, Undergraduate Teaching Assistant & Honors Thesis Committee Member, 2010

Liz Cook, Department of Psychology, Undergraduate Teaching Assistant, spring 2010

Ashley Dominic, Department of Psychology, Undergraduate Teaching Assistant & Honors Thesis Committee, 2009

Leighann Starkey, Department of Psychology, Undergraduate Teaching Assistant & Honors Thesis Committee Member, 2009

Maryam Khatami, Department of Psychology, Honors Thesis Committee Member, 2008

Jessica Lugo, Department of Psychology, Directed Research, 2008

# SERVICE ON STUDENT COMMITTEES

# **Ph.D.** Committees (Completion Date)

Linsah Coulanges, Department of Psychology (in process)

Joshua Schneider, Department of Psychology (2003)

Annie Maheux, Department of Psychology (2023)

Monica Navarro, Learning Sciences and Policy, School of Education (2020)

Kristina Dickman, Department of Psychology (2020)

Rafael Quintana, Learning Sciences and Policy, School of Education (2020)

Katherine Hails, Department of Psychology (2020)

Eben Witherspoon, Learning Sciences and Policy, School of Education (2019)

Kimberly Lockwood, Department of Psychology (2019)

Leanne Elliott, Department of Psychology (2019)

Paul Scott, Department of Psychology in Education, School of Education (2017)

Jesse Drummond, Department of Psychology (2017)

Whitney Waugh, Department of Psychology (2016)

Abel Koury, Department of Psychology (2016)

Elizabeth Shelleby, Department of Psychology (2015)

Lauretta Brennan, Department of Psychology (2015)

Diana Whelan, Department of Psychology (2013)

Joshua Fetterman, Department of Psychology (2012)

Meghan Parlade, Department of Psychology (2012)

Melinda Ciccocioppo, Department of Psychology (2012)

Susan Gillo, Department of Psychology (2011)

Anna Craig, Department of Psychology (2011)

Aric Prather, Department of Psychology (2010)

Jennifer Phillips, Department of Psychology (2010)

Nermeen El Nokali, Department of Psychology in Education, School of Education (2011)

Hsiang-Yeh Ho, Department of Psychology in Education, School of Education (2011)

Erin Koterba, Department of Psychology (2010)

Sybil Streeter, Department of Psychology (2009)

Roli Mohan, Department of Psychology in Education, School of Education (2009)

Lauren Terhorst, Department of Psychology in Education, School of Education (2007)

### **Masters Committees (Completion Date)**

Danielle Fox (2021)

Luci Dolcini-Catania (2020)

Kristina Dickman, Department of Psychology (2020)

Shirley Duong, Department of Psychology (2020)

Darcy Smith, Department of Psychology (2020)

Alex Silver, Department of Psychology (2019)

Brenden Tervo-Clemmens, Department of Psychology (2017)

Leanne Keller, Department of Psychology (2015)

Catharine Fairbairn, Department of Psychology (2011)

Lauretta Brennan, Department of Psychology (2010)

Melinda Ciccocioppo, Department of Psychology (2008)

Johana Rosas, Department of Psychology (2007)

### **Specialty Paper Committees (Completion Date)**

Linsah Coulanges, Department of Psychology, Specialty Paper (2023)

Rafael Quintana, Learning Sciences and Policy, School of Education, Specialty Paper (2019)

Leanne Elliott, Department of Psychology, Specialty Paper (2016)

Jesse Drummond, Department of Psychology, Specialty Paper (2015)

Elizabeth Shelleby, Department of Psychology, Specialty Paper (2011)

Lauretta Brennan, Department of Psychology, Specialty Paper (2011)

Man Yu Li, Department of Psychology, Individualize Program Mentoring Committee (2010)

Melinda Ciccocioppo, Department of Psychology, Specialty Paper (2009)

Emily Merz, Department of Psychology, Specialty Paper (2009)

#### UNIVERSITY AND DEPARTMENTAL SERVICE

Chair, Developmental Psychology Program (2022 – present)

Hot Metal Bridge Program Steering Committee (2023 – present)

Chair, Department of Psychology Diversity Initiatives (2015 - 2022)

Co-Chair, Department of Psychology Equity, Inclusion, and Community Committee (2014 - 2022)

Co-Chair, Faculty Book Club PEIC Committee (2019 – 2020)

Member of Diversity Committee LRDC (2018 – current)

Chair, LRDC/ Psychology Race/Ethnicity and development Search Committee (2018 – 2019; 2019 - 2020)

Chair, Quantitative Search Committee (2011-2012, 2012 - 2013)

Member, Diversity Search Committee (2010 – 2011)

Statistical Consultant, Department of Psychology (2005 – 2018)

Colloquium Committee Member (2005-2010, 2013, 2014, 2015)

Member Student Diversity Committee (2007 – present)

Mellon Fellowship Review Committee Member (2007, 2009, 2014)

Member, Human Genetics Search Committee (2007-2008)

Tim Post Award Review Committee Member (2007)

Chair of the Developmental Research Methods Course Committee (2005 – 2006)

#### OTHER PROFESSIONAL SERVICE

#### Mentoring

Steering Committee Hot Metal Bridge Program, Dietrich School, 2023

Director of the Hot Metal Bridge Program, Department of Psychology (2015 – 2019)

Co-Director of VIPitt Recruitment Weekend for Underrepresented Students (2016, 2017)

Faculty Mentor Hot Metal Bridge Program (2010 – 2011; 2017 – 2018, 2019 - 2020)

Senior Mentor, Frances Degen Horowitz Millennium Scholars Program

#### **Editorial Boards**

*Child Development* (2008 – 2014)

Developmental Psychology (2008-2014)

### **Ad-hoc Manuscript Reviewer**

American Economic Review

American Educational Research Journal

Child Development

Demography

Developmental Psychology

Early Childhood Research Quarterly

Education Evaluation and Policy Analysis

Elementary School Journal

European Journal of Developmental Psychology

Infancy

Parenting

Pediatrics

Population Research and Policy Review

Prevention Science

Journal of Applied Developmental Psychology

Journal of Educational Psychology

Journal of Health and Social Behavior

Journal of Marriage and Family

Journal of Policy Analysis and Management

Monographs for the Society for Research in Child Development

Review of Educational Research

Social Science Research

Sociological Quarterly

#### Ad-hoc Book Proposal/Manuscript Reviewer

# Oxford University Press

# **Grant Reviewing**

Ad Hoc Reviewer, National Institutes of Health, Social Science and Population Studies Panel (2023) The Sao Paulo Research Foundation (2021)

Spencer Foundation Large Grant Review Panel Member (2019 - 2020)

National Science Foundation, Developmental Sciences Program, College of Reviews (2017 – current)

National Institutes of Health, NICHD, Populations Science Subcommittee Panel Member (2017 - 2021)

Spencer Foundation Small Grant Review Panel Member (2015 – 2018)

U.S. Department of Health and Human Services, Health Services Administration's Maternal and Child Health Grant Panel (2014)

National Science Foundation, Graduate Fellowship Reviewer (2014)

National Institutes of Health, NICHD, Ad Hoc Reviewer (2010,2011)

National Science Foundation, Ad Hoc Reviewer (2010)

### **Scientific Conference Submission Reviewing**

Society for Research on Educational Effectiveness (2013)

Society for Research in Child Development (2008, 2010, 2012, 2014, 2016)

### **Other Professional Service**

Member of the State of Pennsylvania's Office of Child Development and Early Learning Research Council 2016 - current

#### **Professional Affiliations**

Member, American Psychosomatic Society

Member, Association for Public Policy Analysis and Management

Member, Population Association of America

Member, Society for Research in Child Development