

Steven J. Holochwost
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EDUCATION

University of North Carolina at Chapel Hill

Ph.D., Developmental Psychology (minor in Neurobiology), Department of Psychology, August 2013
Advisors: Jean-Louis Gariépy & Martha Cox

University of Pennsylvania

M.P.A., Fels Institute of Government, August 2008

Rutgers University

Ph.D., Music Theory & Composition, Graduate School New Brunswick, May 2005

Advisor: Charles Wuorinen

Post-Graduate Certificates in Domestic Policy (May 2005) and American Government & Politics (May 2003)

Yale University

B.A., Psychology & Music, *magna cum laude* with distinction in both majors, May 2001

EXPERIENCE

Associate Professor of Psychology

January 2021 – present

Lehman College and the Graduate Center, City University of New York

- Director of the Regulation, Education, and Neuroscience (ReNeu) Lab
- Co-Director of the Research on Equity via the Arts in Childhood (REACH) Lab
- Taught Child Psychology (PSY 217), Psychological Testing & Assessment (PSY 245), Applied Child Development (PSY 327)
- Supervised 2 Independent Studies (PSY 485) and 1 Senior Thesis (PSY 495)

Director of Research for Youth & Families and Principal

January 2018 – December 2020

Senior Research Scientist and Associate Principal

January 2015 – December 2017

Senior Researcher and Assistant Principal

August 2013 – December 2014

Senior Researcher

February 2010 – July 2013

Associate Consultant

February 2005 – January 2010

WolfBrown, Cambridge, Massachusetts

- Principal Investigator on over thirty mixed-method, longitudinal evaluations of programs for children at risk, leading all aspects of evaluation, including grant writing, human subjects approval, measure design, data collection, management, and analyses, report writing, and presenting results to practitioners, policy makers, and researchers
- Supervised five direct reports (2 senior staff, 1 junior staff, 2 students), as well as multiple sub-contractors
- Secured over \$7 million in funding from the Laura & John Arnold Foundation, the Matisse Foundation, the Buck Family Foundation, the Andrew W. Mellon Foundation, the William Penn Foundation, the National Endowment for the Arts, the Institute of Museum and Library Services, and the United States Department of Education

Research Scientist

January 2018 – December 2020

Assistant Research Scientist

January 2015 – December 2017

Science of Learning Institute, Johns Hopkins University

- Co-authored 15 papers and served as co-Principal Investigator on a mixed-methods study funded by the Institute of Education Sciences on the effects of professional development on children's STEM learning
- Advised Institute leadership and staff on multiple applied research projects

National Science Foundation Graduate Research Fellow

August 2010 – August 2013

Department of Psychology, University of North Carolina at Chapel Hill

- Co-authored four manuscripts and prepared 12 presentations for the Durham Child Health and Development Study, administered by the Center for Developmental Science, and Frank Porter Graham Child Development Institute (FPG)
- Secured funding from the American Psychological Association, Psi Chi International Honor Society, Sigma Xi Scientific Research Society, and the Society for Research in Child Development

Associate Director of Research April 2006 – July 2008

Early Learning Center, University of Delaware, Newark, Delaware

Research Scientist January 2007 – July 2008

Early Childhood Initiative, University of Delaware, Newark, Delaware

- Facilitated completion of over 40 research projects from faculty in 20 departments
- Directed annual collection of parent, child, teacher, and researcher measures for over 200 children
- Maintained database of longitudinal records for over 450 children and 850 parents
- Co-authored two manuscripts for the Center for Disabilities Studies' Early Childhood Initiatives

Senior Assistant Child Advocate & Coordinator of Research December 2005 – March 2006

Assistant Child Advocate

February – November 2005

Office of the Child Advocate, The State of New Jersey, Trenton, New Jersey

- Led research efforts for three major public reports, including database construction and management, measure design, and statistical analyses and reporting.
- Authored interoffice briefs and memoranda for senior staff on state services for children at risk

Research Affiliate January 2003 – July 2005

Center for Arts and Cultural Policy Studies (CACPS), Woodrow Wilson School, Princeton University

- Authored vision statement outlining Center's role in President Tighlman's University Arts Initiative
- Secured Mellon Foundation funding for working paper authorship on new music and cultural policy

ADDITIONAL TEACHING EXPERIENCE

Faculty

December 2018 – present

Curtis Institute of Music

- Served as a guest lecturer on music education, child development, and program implementation and evaluation

Visiting Assistant Professor August 2013 – December 2014

Department of Psychology, Georgetown University

- Taught General Psychology, Introduction to Psychophysiology, Children, Families, & Parenting, and The Development of Self-Regulation in Early Childhood: Physiological Foundations and Cognitive Processes
- Served as an advisor to one Ph.D. candidate in the Department of Psychology on two research studies

Visiting Assistant Professor January – May 2010

Department of Psychology, Seton Hall University

- Taught Introduction to Developmental Psychology

Adjunct Assistant Professor January – May 2008

Department of Psychology, University of Delaware

- Taught Child Development and Public Policy
- Dissertation Committee member for two graduate students (one Ph.D. candidate, one Ed.D. candidate) in the School of Education

RESEARCH INTERESTS

My research in early child development examines the effects of environment, and particularly poverty and parenting, on voluntary forms of self-regulation (e.g., executive functions) and the involuntary activity of neurophysiological systems that support self-regulatory abilities. This research is directly relevant to my applied work, which focuses on the efficacy of educational interventions for children in poverty. The common thread running through both these lines of work is the need to understand how poverty impacts child development, and how programs that expand educational opportunities for children can mitigate those effects.

PUBLICATIONS

Selected Articles Under Revision or Review (* indicates mentee)

- Budescu, M., **Holochwost, S. J.**, Sisselman-Borgia, A., & Torino, G. T. (Under review). Daily associations between racial discrimination and depressive symptoms among ethnically diverse adolescents: The moderating role of ethnic identity affirmation. *Cultural Diversity and Ethnic Minority Psychology*.
- Holochwost, S. J.**, Coffman, J. L., Wagner, N. J., *Gomes, L. A., & Propper, C. B. (Under revision). Parasympathetic nervous system activity during measures of volitional self-regulation predicts school readiness. *Mind, Brain, and Education*.
- Volpe, V. V., Hoggard, L. S., Skinner, O. D., **Holochwost, S. J.**, & Hatton, V. L. (Under review). Perceptions of mental and physical health of Black individuals: Intersections of skin tone, sex, and rater race. *Psychological Science*.
- Zgourou, E., **Holochwost, S. J.**, & Bratsch-Hines, M. (Under revision). Child Care (In)Stability and Children's Developmental Outcomes: A Systematic Literature Review. *Early Childhood Research Quarterly*.

Published Articles or Articles in Press (* indicates mentee)

45. Brown, E. D., **Holochwost, S. J.**, Wolf, D. P., Allen, A. A., Garnett, M. L., Velazquez-Martin, B., Varnell, S., & Malatesta, J. L. Music education and neurophysiological regulation in early childhood: Should teachers guide or get out of the way? (In press). *Mind, Brain, and Education*.
44. **Holochwost, S. J.**, *Winebrake, D., Brown, E. D., Happaney, K. R., Wagner, N. J., & Mills-Koonce, W. R. (2023). An ecological systems perspective on individual differences in children's performance on measures of executive function. *Journal of Cognition and Development, 24*, 223-240.
43. Robb, S. L., Russ, K. A., **Holochwost, S. J.**, Stegenga, K., Perkins, S. M., Jacobs, S. A., Henley, A. K., & MacLean, J. A. (2023). Protocol and biomarker strategy for a multi-site randomized control trial examining biological mechanisms of dosing of active music engagement in children with acute lymphoblastic leukemia and lymphoma and parents. *BMC Complementary Medicine and Therapies, 23*.
42. **Holochwost, S. J.**, Mills-Koonce, W. R., & Brown, E. D. (2023). Fulfilling the promise of applied developmental science: Is it time to reconsider our approach? *Infant and Child Development. e2401*.
41. Troxler, R., Goldstein, T., **Holochwost, S.**, Beekman, C., McKeel, S., & Shami, M. (2022). Deeper engagement with live theater increases middle school students' empathy and social perspective taking. *Applied Developmental Science*.
40. **Holochwost, S. J.**, Goldstein, T. R., & Wolf, D. P. (in press). More light about each other: Theater education as a context for developing social awareness and relationship skills. *Psychology of Aesthetics, Creativity, and the Arts*.
39. *Nelson Darling, L., **Holochwost, S. J.**, Coffman, J. L., Propper, C. B., & Wagner, N. J. (2022). Context is key: Parasympathetic regulation in the classroom differentially predicts preschoolers' socially competent behaviors. *Developmental Psychobiology, 6*, e22246.
38. Gagnier, K. M., **Holochwost, S. J.**, & Fisher, K. R. (2022). Spatial thinking in science, technology, engineering, and mathematics: Elementary teachers' beliefs, perceptions, and self-efficacy. *Journal of Research in Science Teaching, 95*, 95-126.
37. Brown, E. D., **Holochwost, S. J.**, Laurenceau, J. P., *Garnett, M. L., & *Anderson, K. E. (2021). Deconstructing cumulative risk: Poverty and aspects of instability relate uniquely to young children's diurnal cortisol. *Child Development, 92*, 1067-1082.

36. **Holochwost, S. J.**, Wagner, N. J., Lynch, S., Mills-Koonce, W. R., & Propper, C. B. (2021). Characterizing change in resting vagal tone during the first three years of life: A systematic review and empirical examination across two longitudinal samples. *Neuroscience & Biobehavioral Reviews*, *129*, 282-295.
35. **Holochwost, S. J.**, *Gomes, L. A., Propper, C. B., Brown, E. D., & Iruka, I. U. (2021). Child care policy as an anti-poverty strategy: The need to address neurophysiological self-regulation. *Policy Insights from the Behavioral and Brain Sciences*, *8*, 208-216.
34. **Holochwost, S. J.**, *Wang, G., Mills-Koonce, W. R., Klika, J. B., & Jaffee, S. R. (2021). The neurophysiological embedding of child maltreatment. *Development and Psychopathology*, *33*, 1107-1137.
33. **Holochwost, S. J.**, Goldstein, T. R., & Wolf, D. P. (2021). Delineating the benefits of arts education for children's socioemotional development. *Frontiers in Psychology*, *12*, e1435.
32. **Holochwost, S. J.**, Hill Bose, J., *Stuk, E., Brown, E. D., *Anderson, K. E., and Wolf, D. P. (2021). Planting the seeds: Orchestral music education as a context for fostering growth mindsets. *Frontiers in Psychology*, *11*, e3617.
31. Propper, C. B., Gustafsson, H. C., **Holochwost, S. J.**, & Coffman, J. L. (2021). Parasympathetic response to challenge in infancy moderates the effects of sociodemographic risk on academic achievement at school entry. *Developmental Psychobiology*, *63*, e22170.
30. **Holochwost, S. J.**, Kolacz, J., & Mills-Koonce, W. R. (2021). Towards an understanding of neurophysiological self-regulation in early childhood: The need for a new approach. *Developmental Psychobiology*, *63*, 734-752.
29. Wagner, N. J., **Holochwost, S. J.**, Danko, C., Propper, C. B., & Coffman, J. L. (2021). Observed peer competence moderates links between children's self-regulation skills and academic performance. *Early Childhood Research Quarterly*, *54*, 286-293.
28. **Holochwost, S. J.**, Towe-Goodman, N., *Rehder, P. D., *Wang, G., & Mills-Koonce, W. R. (2020). Poverty, caregiving, and HPA-axis activity in early childhood. *Developmental Review*, *56*, 100898.
27. **Holochwost, S. J.**, Robb, S. L., Henley, A. K., Stegenga, K., Perkins, S. M., Russ, K. A., Seethal, J. A., Delgado, D., Haase, J. E., & Krater, C. M. (2020). Active music engagement and cortisol as an acute stress biomarker in young hematopoietic stem cell transplant patients and caregivers: Results of a single case design pilot study. *Frontiers in Psychology*, *11*, e2865.
26. Russ, K. A., **Holochwost, S. J.**, Perkins, S. M., Stegenga, K., Jacob, S. A., Delgado, D., Henley, A. K., Haase, J. E., & Robb, S. L. (2020). Cortisol as an acute stress biomarker in young hematopoietic cell transplant patients/caregivers: Active music engagement protocol. *The Journal of Alternative and Complementary Medicine*, *5*, 424-434.
25. *McClure, E. R., Chentsova-Dutton, Y. E., **Holochwost, S. J.**, Parrott, W. G., & Barr, R. F. (2020). Infant emotional engagement in face-to-face and video chat interactions with their mothers. *Infance*, *3*, 353-374.
24. **Holochwost, S. J.**, *Volpe, V. V., Iruka, I. U., & Mills-Koonce, W. R. (2020). Maternal warmth, intrusiveness, and executive functions in early childhood: Tracing developmental processes among African American children. *Early Child Development and Care*, *190*, 210-218.
23. **Holochwost, S. J.**, Propper, C. B., *Rehder, P. D., *Wang, G., Wagner, N. J., & Coffman, J. L. (2019). Parasympathetic function: Relevance and methodology for early education research. *Journal of Research in Educational Effectiveness*, *12*, 728-749.

22. *Volpe, V. V., **Holochwost, S. J.**, Cole, V., & Propper, C. B. (2019). Early growth in expressive communication and behavior problems: Differential relations by ethnicity. *Early Childhood Research Quarterly*, *47*, 89-98.
21. Hogan, J., Cordes, S., **Holochwost, S.**, Ryu, E., Diamond, A., & Winner, E. (2018). Is more time in general music class associated with stronger extra-musical outcomes in kindergarten? *Early Childhood Research Quarterly*, *45*, 238-248.
20. **Holochwost, S. J.**, *Volpe, V. V., Gueron-Sela, N., Propper, C. B., Mills-Koonce, W. R. (2018). Sociodemographic risk, parenting, and inhibitory control in early childhood: The role of respiratory sinus arrhythmia. *Journal of Child Psychology and Psychiatry*, *59*, 973-981.
19. Cheever, T., Taylor, A., Finkelstein, R., Edwards, E., Thomas, L., Bradt, J., **Holochwost, S. J.**, Johnson, J. K., Limb, C., Patel, A. D., Tottenham, N., Iyengar, S., Rutter, D., Fleming, R., & Collins, F. S. (2018). National Institutes of Health/Kennedy Center workshop on music and the brain – Finding harmony. *Neuron*, *97*, 1214-1218.
18. *McClure, E. R., Chentsova-Dutton, Y. E., **Holochwost, S. J.**, Parrott, W. G., & Barr, R. F. (2018). Look at that! Video chat and joint visual attention development among babies and toddlers. *Child Development*, *89*, 27-36.
17. **Holochwost, S. J.**, Gariépy, J. L., Mills-Koonce, W. R., Propper, C. B., *Kolacz, J., & Granger, D. A. (2017). Individual differences in the activity of the hypothalamic pituitary adrenal axis: Relations to age and cumulative risk in early childhood. *Psychoneuroendocrinology*, *81*, 36-45.
16. **Holochwost, S. J.**, Propper, C. B., Wolf, D. P., Willoughby, M. T., Fisher, K. R., *Kolacz, J., *Volpe, V. V., & Jaffee, S. R. (2017). Music education, academic achievement, and executive functions. *Psychology of Aesthetics, Creativity, and the Arts*, *11*, 146-166.
15. Gardner-Neblett, N., **Holochwost, S. J.**, Gallagher, K. C., Iruka, I. U., Odom, S. L., & Bruno, E. P. (2017). Books and toddlers in child care: Under what conditions are children most engaged? *Child & Youth Care Forum*, *46*, 473-493.
14. Wolf, D. P., & **Holochwost, S. J.** (2017). From the middle: A quarter century later. *Voices from the Middle*, *25*, 27-29.
13. *Kolacz, J., **Holochwost, S. J.**, Gariépy, J. L., & Mills-Koonce, W. R. (2016). Patterns of joint parasympathetic, sympathetic, and adrenocortical activity and their associations with temperament in early childhood. *Developmental Psychobiology*, *58*, 990-1001.
12. Wolf, D. P., & **Holochwost, S. J.** (2016). Music and juvenile justice: A Dynamic systems perspective. *Psychology of Aesthetics, Creativity, and the Arts*, *10*, 171-183.
11. *McClure, E. R., Chentsova-Dutton, Y. E., Barr, R. F., **Holochwost, S. J.**, & Parrott, W. G. (2016). Facetime doesn't count: Video chat as an exception to media restrictions for infants and toddlers. *International Journal of Child-Computer Interaction*, *6*, 1-6.
10. **Holochwost, S. J.**, Gariépy, J. L., Propper, C. B., Gardner-Neblett, N., *Volpe, V. V., Neblett, E., & Mills-Koonce, W. R. (2016). Sociodemographic risk, parenting behaviors, and the development of executive function in early childhood: The role of ethnicity. *Early Childhood Research Quarterly*, *36*, 537-549.
9. Hill-Soderlund, A. L., **Holochwost, S. J.**, Willoughby, M. T., Granger, D. A., Gariépy, J. L., & Cox, M. J. (2015). Developmental course of salivary alpha-amylase and cortisol from 12 to 36 months: Relations with early poverty and later behavior problems. *Psychoneuroendocrinology*, *52*, 311-323.

8. **Holochwost, S. J.**, Gariépy, J. L., Propper, C. B., Mills-Koonce, W. R., & Moore, G. A. (2014). The Physiological response to the still-face at six months predicts attachment relationships at twelve months. *Developmental Psychobiology*, *56*, 1423-1430.
7. Willoughby, M. T., **Holochwost, S. J.**, Blanton, Z., & Blair, C. B. (2014). Executive functions: Formative versus reflective measurement. *Measurement: Interdisciplinary Research and Perspectives*, *12*, 69-95.
6. Wolf, D. P., **Holochwost, S. J.**, Dargan, A., Selhorst, A., & Bar-Zemer, T. (2014). The Role of folk and traditional arts instruction in supporting student learning. *Journal for Learning Through the Arts*, *10*.
5. Propper, C. B. & **Holochwost, S. J.** (2013). Proximal risk and the development of the autonomic nervous system. *Developmental Review*, *33*, 151-167.
4. Han, M., Buell, M., **Holochwost, S. J.**, DeMott, K., & Amsden, D. (2012). Instructional quality of full-day kindergarten classrooms. *Focus on Pre-K & K*, *25*, 1-8.
3. **Holochwost, S. J.**, *DeMott, K., Buell, M., Yanetta, K., & Amsden, D. (2009). Retention of staff in the early childhood education workforce. *Child & Youth Care Forum*, *38*, 227-237.
2. **Holochwost, S. J.**, & Izard, C. E. (2008). Emotional responses to music: Evidence from young children. *Behavioral and Brain Sciences*, *31*, 581-582.
1. **Holochwost, S. J.** (2002). Equality in music education. *Visions of Research in Music Education*, *2*, 43-57.

Books

Holochwost, S. J., & Mills-Koonce, W. R. (In preparation). *Conducting Applied Developmental Science in Diverse Contexts*. London: Oxford University Press.

Book Chapters

Holochwost, S. J., & Stuk, E. (2022). Music education: Child development and human rights. In J. Fifer, A. Impey, P. G. Kirchsclaeger, M. Nowak, & G. Ulrich (Eds.), *The Routledge Companion to Music and Human Rights*. New York: Routledge.

Wolf, D. P., **Holochwost, S.**, and Bose, J. H. (2019). Making music, promoting development: The power of practice. In B. Kaufman & L. Scripp, (Eds.), *Music Learning as Youth Development*. New York: Routledge.

Gariépy, J. L., Bailey, D. B., & **Holochwost, S. J.** (2019). Critical periods. In M. Haith & J. Benson, (Ed.), *Encyclopedia of Infant and Early Childhood Development, 2nd Edition*. Amsterdam: Elsevier.

Mills-Koonce, W. R., **Holochwost, S. J.**, & Rehder, P. (2018). The hypothalamic pituitary adrenal axis. In M. H. Bornstein, (Ed.), *The SAGE Encyclopedia of Lifespan Human Development*. Thousand Oaks, CA: Sage Publishing.

Mills-Koonce, W. R., Rehder, P., & **Holochwost, S. J.** (2018). Cortisol. In M. H. Bornstein, (Ed.), *The SAGE Encyclopedia of Lifespan Human Development*. Thousand Oaks, CA: Sage Publishing.

Holochwost, S. J., Wolf, D. P., Fisher, K. R., O'Grady, K., & Gagnier, K. M. (2018). The arts and socioemotional development: Evaluating a new mandate for arts education. In R. S. Rajan & I. C. O'Neal, (Eds.), *Arts evaluation and assessment: Measuring impact in schools and communities* (pp. 147-180). New York, NY: Palgrave MacMillan.

Holochwost, S. J., & Jaffee, S. R. (2017). The neurobiological embedding of child maltreatment: A systems perspective. In J. Conte & B. Klika, (Eds.), *The APSAC handbook on child maltreatment*. Thousand Oaks, CA: Sage Publishing.

Theses and Dissertations

- Holochwost, S. J.** (2013). Cumulative Risk, Parenting Behaviors, and the Development of Executive Functions in Early Childhood: A Moderating Role for Physiological Self-Regulation? (Doctoral dissertation, University of North Carolina, 2013).
- Holochwost, S. J.** (2005). The Fractal nature of musical structure (Doctoral dissertation, Rutgers University, 2005). *Dissertation Abstracts International*, 66, 1550.
- Holochwost, S. J.** (2003). *Debussy and Mussorgsky: The Chronology of Influence*, Unpublished master's thesis, Rutgers University.

PRESENTATIONS

Invited Presentations

- Holochwost, S. J. (2021, May). Risk, Self-Regulation, and the Promise of Education. Presentation at the City University of New York Graduate Center Educational Psychology Colloquia Series, on-line.
- Holochwost, S. J. (2021, April). Adversity, Stress, and Learning: The Role of Neurophysiological Function. Presentation at the Inaugural Session of the Lehman College Seminar Series on the Science of Teaching and Learning, on-line.
- Holochwost, S. J. (2021, February). Active Music Engagement and Cortisol as an Acute Stress Biomarker in Young Hematopoietic Stem Cell Transplant Patients and Caregivers: A Single Case Design Pilot Study. Presentation at the Inaugural Webinar for the Sound Health Network, an initiative of the National Endowment for the Arts, the National Institutes of Health, and the John F. Kennedy Center for the Performing Arts, on-line.
- Holochwost, S. J. (2020, September). Alternative Career Paths Outside of Academia. Presentation at the Carolina Consortium on Human Development, Chapel Hill, North Carolina.
- Holochwost, S. J. (2020, September). Risk, Self-Regulation, and the Promise of Education. Paper presented at the Colloquium Series of the Department of Applied Psychology, Fairfax, Virginia.
- Holochwost, S. J. (2019, October). Balancing Internal and External Validity in Arts Education Research. Paper presented at the meeting of George Mason University's Mason Arts Research Center, Fairfax, Virginia.
- Holochwost, S. J. (2019, May). Poverty, Self-Regulation, and the Promise of Education. Paper presented at Frank Porter Graham Child Development Institute, Chapel Hill, North Carolina.
- Holochwost, S. J., Wolf, D. P., Bose, J. H., & Stuk, E. (2018, September). Development Across Domains: The Growth of Students in *El Sistema*-inspired Music Programs. Paper presented at the Global Leadership Academy (Webinar).
- Holochwost, S. J. (2018, July). Risk, Self-Regulation, and the Promise of Education. Paper presented at the Annual Academy of the Center for Transformational Teaching & Learning, Baltimore, Maryland.
- Holochwost, S. J., Wolf, D. P., Bose, J. H., & Stuk, E. (2017, July). Development Across Domains: The Growth of Students in *El Sistema*-inspired Music Programs. Paper presented at the Los Angeles Philharmonic's Take a Stand Symposium, Los Angeles, California.
- Wolf, D. P., & Holochwost, S. J. (2017, April). The Socioemotional Benefits of the Arts: A New Mandate for Arts Education. Paper presented at the William Penn Foundation's Convening on the Impact of Arts Education, Philadelphia, Pennsylvania.
- Holochwost, S. J., Propper, C. B., Wolf, D. P., Willoughby, M. T., Fisher, K. R., Kolacz, J., & Volpe, V. V. (2017, April). Music Education, Academic Achievement, and Executive Functions. Paper presented at

the William Penn Foundation's Convening on the Impact of Arts Education, Philadelphia, Pennsylvania.

Holochwost, S. J., & Wolf, D. P. (2016, November). Out From Between a Rock and A Hard Place: Developing Tiered Long-Term Strategies for Measuring Impact. Training presented at the national meeting of the National Guild for Community Arts Education, Chicago, Illinois.

Wolf, D. P., Holochwost, S. J., & Hill Bose, J. (2015, December). The Long-Term Yields of *Sistema*-inspired Programs for American Orchestras. Paper presented at the national meeting of the Andrew W. Mellon Foundation, New York, New York.

Holochwost, S. J., Propper, C. B., Wolf, D. P., Willoughby, M. T., Fisher, K. R., *Kolacz, J., & *Volpe, V. V. (2015, November). Music Education, Academic Achievement, and Executive Functions. Paper presented at the meeting of the Risk and Resilience Laboratory, University of Pennsylvania, Philadelphia, Pennsylvania.

Holochwost, S. J. (2014, May). Music Education and Executive Functions. Paper presented at the University Community Collaborative, Temple University, Philadelphia, Pennsylvania.

Wolf, D. P. & Holochwost, S. J. (2014, February). The Promise of Collaborative Evaluation within *Sistema*-inspired Programs: Evaluating for Outcomes. Paper presented at the Los Angeles Philharmonic's Take a Stand Symposium, Los Angeles, California.

Wolf, D. P. & Holochwost, S. J. (2014, February). A Collaborative Evaluation across *Sistema*-inspired Programs: Building the Field. Paper presented at the Los Angeles Philharmonic's Take a Stand Symposium, Los Angeles, California.

Gariepy, J. L., & Holochwost, S. J. (2014, January). Attachment Disorganization and Vagal Tone. Paper presented at the University of North Carolina Developmental Lunch Series, Chapel Hill, North Carolina.

Gariepy, J. L., & Holochwost, S. J. (2013, November). Child Heart Regulation and Parenting Style in Infancy: Relations to Attachment Quality and Organization at Twelve Months. Paper presented at the Infant Development Center, University of North Carolina at Greensboro.

Wolf, D. P., & Holochwost, S. J. (2013, October). More than Measuring. Paper presented at the annual meeting of the American Folklore Society, Providence, Rhode Island.

Holochwost, S. J. (2013, May). Cumulative Risk, Parenting Behaviors, and Executive Functions. Paper presented at investigator meeting at the Frank Porter Graham Child Development Institute, Chapel Hill, North Carolina.

Holochwost, S. J. (2013, April). The First Thousand Days – Setting the Foundation. Introductory remarks presented at The Edward Zigler Society of Research in Child Development Biennial Policy Pre-Conference, Seattle, Washington.

Conference Presentations (* indicates mentee)

Holochwost, S. J., Propper, C. B., *Gomes, L. A., Wagner, N. J., & Coffman, J. L. (2023, April). Parasympathetic Nervous System Activity in the Early Childhood Education Classroom: Associations with Teacher Behavior. Paper presented at the City University of New York Graduate Center Educational Psychology Colloquia Series, on-line.

Holochwost, S. J., Propper, C. B., *Gomes, L. A., Wagner, N. J., & Coffman, J. L. (2023, March). Parasympathetic Nervous System Activity in the Early Childhood Education Classroom: Associations with Teacher Behavior. Paper presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.

- Brown, E. D., Holochwost, S. J., Wolf, D. P., Allen, A., *Charya, P., Garnett, M. L., Velazquez-Martin, B., Varnell, S., & Schnarr, E. (2023, March). The Magic's in Making Music: Music, Dance, and Cortisol for Preschool Children Facing Adversity. Paper presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Holochwost, S. J., Brown, E. D., Garnett, M. L., Velazquez-Martin, B., Varnell, S., Allen, A., & Malatesta, J. (2023, March). Cortisol and Emotion Expression among Young Children Facing Economic Hardship: Associations in the Early Education Classroom. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Brown, E. D., Shokunbi, F., Weaver, Z., Garnett, M. L., & Holochwost, S. J. (2023, March). Cortisol and Executive Functioning for Children in Head Start Preschool. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Varnell, S., Brown, E. D., Holochwost, S. J., Wolf, D. P., Allen, A., Malatesta, J., & Garnett, M. L. (2023, March). Visual Arts Activities Relate to Interest and Cortisol for Children in Head Start Preschool. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Brown, E. D., King, S., Garnett, M. L., & Holochwost, S. J. (2023, March). Emotion Knowledge Relates to Cortisol Levels for Children Attending Head Start Preschool. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
- Brown, E. D., Holochwost, S. J., Wolf, D. P., Allen, A., Charya, P., Garnett, M. L., Velazquez-Martin, B., Varnell, S., & Schnarr, E. (2022, October). The Magic's in Making Music: Music, Dance, and Cortisol for Preschool Children Facing Adversity. Paper presented at the Convening of the Mason ARC National Endowment for the Arts Research Lab at George Mason University, Fairfax, Virginia.
- Holochwost, S. J., & Bushara, L. (2022, April). Building Playful Learning Environments to Combat Toxic Stress in Homeless Shelters. Poster presented at the Society for Research on Child Development Special Topics Meeting on Learning Through Play and Imagination, St. Louis, Missouri.
- Holochwost, S. J., Robb, S. L., Henley, A. K., Stegenga, K., Perkins, S. M., Russ, K. A., Jacob, S. A., Delgado, A., Haase, J. E., Krater, C. M., & MacLean, J. A. (2022, April). Play-based Music Therapy as a Means to Reduce Stress in Young Children Undergoing Stem-cell Transplant. Poster presented at the Society for Research on Child Development Special Topics Meeting on Learning Through Play and Imagination, St. Louis, Missouri.
- Brown, E. D., Holochwost, S. J., Wolf, D. P., Malatesta, J., Allen, A., Garnett, M. L., & Velazquez-Martin, B. (2022, April). Creative Arts and Child Stress Regulation: Should Teachers Guide or Get Out of the Way? Poster presented at the Society for Research on Child Development Special Topics Meeting on Learning Through Play and Imagination, St. Louis, Missouri.
- Barr, R. F., McClure, E., Chentsova-Dutton, Y., Holochwost, S. J., & Parrott, G. (2022, April). Infant Emotional Engagement in Face-to-Face, Video, & Video Chat Interactions with their Mothers. Paper presented at the Society for Research on Child Development Special Topics Meeting on Learning Through Play and Imagination, St. Louis, Missouri.
- Holochwost, S. J., & Volpe, V. V. (2021, November). A Developmental Perspective on Allostatic Load. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, on-line
- Wolf, D. P., Clapp, H., Adam, T., Culber, J., & Holochwost, S. J. (2021, September). Impact of an Intensive Arts and Culture Internship on Under-served High School Students. Paper presented at the annual meeting of the Society for Research on Educational Effectiveness, Washington, D.C.

- Troxler, J. R., Mckeel, S., Howe, E., Beekman, C., Shami, M. J., Holochwost, S. J., and Goldstein, T. R. (2021, April). The Effects of Deeper Engagement on Socioemotional Outcomes from a Single Live Theater Experience. Paper presented at the annual meeting of the American Educational Research Association, on-line.
- Zgourou, E., Bratsch-Hines, M., & Holochwost, S. J. (2021, April). Child Care (In)Stability and Children's Developmental Outcomes: A Systematic Literature Review. Poster presented at the biennial meeting of the Society for Research in Child Development, on-line.
- Holochwost, S. J., Chaban, N. A. V., Mirvis, S., & Bushara, L. (2020, November). Building Playful Learning Environments to Combat Toxic Stress in Homeless Shelters. Poster presented at the Administration for Children and Families' National Research Conference on Early Childhood, on-line.
- Robb, S. L., Stegenga, K., Holochwost, S. J., Russ, K., Perkins, S., Jacob, S., Henley, A., Haase, J., Shoop, J., MacLean, J. (October, 2020). Biologic Mechanisms of Active Music Engagement. Poster presented at the American Academy of Nursing Policy conference, on-line.
- Nelson Darling, L., Holochwost, S. J., Coffman, J., Propper, C. B., & Wagner, N. J. (2020, January). Physiological Regulation During Classroom Activities Differentially Predicts Children's Social Behaviors. Poster presented at the annual meeting of the Eastern Psychological Association, Boston, Massachusetts.
- Holochwost, S. J. (2019, September). Defining and Translating Science on Neurophysiological Functioning into Practice and Policy. Paper presented at the annual conference of Prevent Child Abuse America, Milwaukee, Wisconsin.
- del Rosario, C. A., & Holochwost, S. J. (2019, September). Enhancing outcomes among special education students: The Highline Creative Schools Initiative. Paper presented at the annual meeting of the Arts Education Partnership, Alexandria, Virginia.
- Holochwost, S. J., Propper, C. B., *Wang, G., & Coffman, J. L. (2019, March). Parasympathetic Nervous System Activity During Hot and Cool Measures of Self-Regulation Predicts School Readiness. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, Maryland.
- Fisher, K. F., Gagnier, K. M., Unlatabak, B., & Holochwost, S. J. (2019, March). Bridging the Translation Gap: An Interdisciplinary Approach to Infusing Spatial Thinking into Third Grade Science. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, Maryland.
- Holochwost, S. J., Wolf, D. P., & *O'Grady, K. (2018, November). The Potential for Theater Education to Foster Interpersonal Skills Among At-Risk Students: Results from a Mixed-Methods Study. Paper presented at the annual meeting of the American Evaluation Association, Cleveland, Ohio.
- Fisher, K. F., Holochwost, S. J., Wolf, D. P., *O'Grady, K., & Gagnier, K. M. (2018, November). The Arts and Socioemotional Development: Evaluating a New Mandate for Arts Education. Paper presented at the annual meeting of the American Evaluation Association, Cleveland, Ohio.
- Wolf, D. P., Holochwost, S. J., & Witkowski, C. (2018, November). Developing Nested Models of Collective Impact. Paper presented at the annual meeting of the American Evaluation Association, Cleveland, Ohio.
- Bose, J. H., Holochwost, S. J., & Wolf, D. P. (2017, November). Assessing the Impact of Sistema-Inspired Music Education on Music Learning: Lessons from a Collective Impact Study. Paper presented at the annual meeting of the American Evaluation Association, Washington, District of Columbia.

- Holochwost, S. J., & Wolf, D. P. (2017, April). Measuring Socioemotional Learning in Diverse Samples of Children. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- Gagnier, K. M., Fisher, K. R., & Holochwost, S. J. (2017, April). Developing a Measure of Knowledge, Attitudes, and Behavior about Language and Literacy Development. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- *McClure, E. R., Chentsova-Dutton, Y. E., Barr, R. F., Holochwost, S. J., & Parrott, W. G. (2017, April). Can Babies Skype? Baby and Toddler Engagement in Video Chat Interactions with Their Relatives. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- *Volpe, V. V., Rahal, D., & Holochwost, S. J. (2017, April). Stress and Coping Revisited: The Racial Discrimination to Health Process for Black Adolescents and Respiratory Sinus Arrhythmia. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- *Hogan, J., Cordes, S., Holochwost, S. J., Ryu, E., Diamond, A., & Winner, E. (2017, April). The Effects of Intensive General Music Class on Kindergarteners' Executing Functioning and Self-Perception. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, Texas.
- Wolf, D. P., & Holochwost, S. J. (2016, October). The Promise and Perils of Measuring for Socioemotional Learning in Evaluations of Arts Education Programs Serving Children in Under-resourced Communities. Paper presented at the national meeting of the American Evaluation Association, Atlanta, Georgia.
- Holochwost, S. J., Wolf, D. P., Fisher, K. R., & Gagnier, K. M. (2016, October). Alternatives to Randomized Control Designs in Program Evaluation: Lessons from the Fields of Arts and Arts Education. Paper presented at the national meeting of the American Evaluation Association, Atlanta, Georgia.
- Holochwost, S. J., Propper, C. B., & Wolf, D. P. (2016, October). Neuropsychological Methods: A New Direction for the Evaluation of Educational Program. Paper presented at the national meeting of the American Evaluation Association, Atlanta, Georgia.
- Gagnier, K. M., Fisher, K. R., & Holochwost, S. J. (2016, May). Translating Science of Learning Research into Practice: A Model for Scientist-Practitioner Partnerships to Develop Evidence-Based Practices for the Community. Poster presented at Bringing Cognitive Science Research to the Classroom, Washington, D.C.
- Gardner-Neblett, N., Holochwost, S. J., Gallagher, K. C., Iruka, I. U., Odom, S. L., & Pungello, E. P. (2016, April). Guided versus Independent Play: Which Better Sustains Attention among Infants and Toddlers? Poster presented at the national meeting of the Society for Research in Educational Effectiveness, Washington, D.C.
- Holochwost, S. J., Propper, C. B., Wolf, D. P., Willoughby, M. T., Fisher, K. R., *Kolacz, J., & *Volpe, V. V. (2015, November). Music Education, Academic Achievement, and Executive Functions. Paper presented at the annual meeting of the American Evaluation Association, Chicago, Illinois.
- Welden Smith, E., & Holochwost, S. J. (2015, April). Engaging Our Neighbors: Evaluating Local Outreach. Paper presented at the annual meeting of the American Alliance of Museums, Atlanta, Georgia.
- Brown, E. D., *Anderson, K., *Garnett, M. L., Holochwost, S. J., Ackerman, B. P., & Laurenceau, J. P. (2015, March). Income Poverty, Instability, and Cortisol for Young Children. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- Hill-Soderlund, A. L., Holochwost, S. J., Willoughby, M. T., Granger, D. A., Gariépy, J. L., Mills-Koonce, W. R., Cox, M. J. (2015, March). Trajectories of Salivary Alpha Amylase and Cortisol in Early Childhood:

- A Dual-Process Latent Growth Curve Model. Paper presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- Holochwost, S. J., Gariépy, J. L., Mills-Koonce, W. R., & *Kolacz, J. (2015, March). Physiological Self-Regulation in Early Childhood: A Definition and Methodological Approach to Its Representation. Paper presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- *Kolacz, J., Holochwost, S. J., Nehler, C. G., Gariépy, J. L., & Hill-Soderlund, A. L., (2015, March). Biological Underpinnings of Temperament in Early Childhood: The Role of Joint Activity of Physiological Systems. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- *McClure, E., Chentsova-Dutton, Y., Barr, R. F., Parrott, W. G., & Holochwost, S. J. (2015, March). Wave to Nana! How Infants and Remote Relatives Connect Using Video Chat. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- Wolf, D. P., & Holochwost, S. J. (2014, October). The Effects of a Music Program on the Behavior of Youth in Secure Detention: A Systems Perspective. Paper presented at the annual meeting of the American Evaluation Association, Denver, Colorado.
- Holochwost, S. J., & Wolf, D. P. (2013, October). The Use of Multilevel Modeling in the Evaluation of Arts Education Programs: Lessons from the Nations in Neighborhoods Project. Paper presented at the annual meeting of the American Evaluation Association, Washington, D.C.
- Holochwost, S. J., Gariépy, J. L., Propper, C. B., Mills-Koonce, W. R., Calkins, S. D., Moore, G. A., & Wang, F. (2011, March). Individual Differences in Cardiac Reactivity and Regulation at Six Months is Related to Attachment Classification at Twelve Months. Paper presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.
- Holochwost, S. J., Han, M., Buell, M. J., & Amsden, D. (2009, August). Which Child is Left Behind? The Relationship between Kindergarten Curriculum and Outcomes for At-Risk Children. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Holochwost, S. J., & Graves, B. L. (2008, April). Behavioral Assessment in Early Childhood. Paper presented at the annual conference of the Delaware Association for the Education of Young Children, Dover, DE.
- Holochwost, S. J. (2007, July). Community-Based Alternatives for Persons with Disabilities. Paper presented to the Governor's Commission on Community-Based Alternatives for Persons with Disabilities, Dover, DE.
- Eisenbud, L. B., & Holochwost, S. J. (2005, February). The Viability of the "Healthy Families America" Program as a Model for Home Visiting Programs. Paper presented at the annual conference of the New Jersey Association for Infant Mental Health, Morristown, NJ.
- Holochwost, S. J. (2004, April). Cultural Policy and Music Composition. Paper presented at the 30th annual Social Theory Politics and the Arts Conference, George Mason University, Arlington, VA.
- Holochwost, S. J. (2004, February). Cultural Policy and Music Composition. Paper presented to the Woodrow Wilson School Symposium on Cultural and Arts Policy, Princeton University, Princeton, NJ.
- Holochwost, S. J. (2001, August). Musical Ability in Williams Syndrome. In *Separability of cognitive functions: What can be learned from Williams syndrome?* National Science Foundation Symposium on Williams syndrome, University of Massachusetts at Amherst.

EVALUATION/TECHNICAL REPORTS & LITERATURE REVIEWS

- Wolf, D. P., Wolf, L., Tatum, C., Holochwost, S. J., Varagur, K., Anderson, K., & Goonetilleke, S. (2020). *Making a Joyful Noise: The Potential Role of Music Making in the Well-Being of Young Families* (Available from the Bernard van Leer Foundation at <https://bernardvanleer.org/publications-reports/making-a-joyful-noise-paper/>).
- Holochwost, S. J., & Stuk, E. (2018). *An Evaluation of the Children's Museum of Manhattan's All the Way to K and Beyond!* (Available from Palmer Wolf, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J., Wolf, D. P., & Bose, J. H. (2017). *Building Strengths, Buffering Risks: Evaluating the Effects of El Sistema-Inspired Music Programs in the United States*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J., Wolf, D. P., Fisher, K. R., & O'Grady, K. (2017). *The Socioemotional Benefits of the Arts: A New Mandate for Arts Education*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2016). *Jaaz, Socioemotional Development, & Persistence: A Focused Literature Review*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2016). *An Evaluation of Play On, Philly! The Past Year and a Longer View*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2016). *An Evaluation of NJSO Champs: Findings from the 2015-2016 Season*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2015). *An Evaluation of Play on Philly: Findings from the 2012-13 and 2013-14 Seasons*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2015). *An Evaluation of NJSO Champs: Findings from the 2014-2015 Season*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2015). *An Expansion Plan for the Jubilee School*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2014). *An Evaluation of NJSO Champs: Findings from the 2013-2014 Season*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Wolf, D. P., & Holochwost, S. J. (2014). *Our Voices Count: The Potential Impact of Strengths-Based Music Programs in Juvenile Justice Settings*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2013). *An Evaluation of Play on Philly: Findings from the 2012-2013 Season*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2013). *Lives in the Balance: Children at the Intersection of Risk, Resilience, and Music. An Evaluation of the New Jersey Symphony Orchestra Pilot Program*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Holochwost, S. J. (2013). *A Summative Evaluation of Ninos del Mundo and A Formative Evaluation of Youth Orchestra Salinas*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Wolf, D. P., & Holochwost, S. J. (2013). *Students Speak: The Arts Advantage from the Youth Perspective*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Wolf, D. P., & Holochwost, S. J. (2012). *Beyond the Concert Hall: An Evaluation of the Center for the Development of Arts Leaders, Boston*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Wolf, D. P., & Holochwost, S. J. (2011). *Portfolio Review and Strategic Plan for the National Endowment for the Arts*. (Sequestered at request of the Endowment).

- Wolf, D. P., & Holochwost, S. J. (2011). *ArtsRising Interim Evaluation Report, Prepared for the William Penn Foundation*. (Available from WolfBrown, 8A Francis Avenue, Cambridge, MA 02138).
- Wolf, D. P., & Holochwost, S. J. (2010). *Building Creative Capital*. (Available from WolfBrown 8A Francis, Cambridge, MA, 02138).
- Wolf, D. P., & Holochwost, S. J. (2009). *If You Are Walking Down the Right Path...* (Available from Community MusicWorks, 1392 Westminster Street, Providence, RI 02909).
- Wolf, D.P., & Holochwost, S.J. (2008). *A Second Look*. (Available from The Scholastic Art & Writing Awards, 557 Broadway, New York, NY 10012).
- Landgraf, R., Meconi, V., Mann, T., & Holochwost, S. J. (2007). *A Path Forward: Building a Community-Based Plan for Delaware*. Dover, DE: Governor's Commission on Community-Based Alternatives for Persons with Disabilities.
- Han, M., Buell, M. J., Holochwost, S. J., Amsden, D. J., Salt, J. D., Cuevas, T., Edwards, N. J., Sullivan, S., & Gamel-McCormick, M. (2007). *Delaware Full-Day Kindergarten Evaluation and Comparison of Second Grade Students Who Attended Full- and Part-Day Kindergarten*. Newark, DE: Available from the Center for Disabilities Studies.
- Wolf, D. P., Robinson, K., Holochwost, S. J., and Wolf, T. (2007). *Portrait of the Artist as a Young Person*. (Available from The Scholastic Art & Writing Awards, 557 Broadway, New York, NY 10012).
- Jones, A. E., Bonds, A. M., Taylor, L., Klein, R. E., & Holochwost, S. J. (2006). *Monitoring Report: The Department of Human Services Institutional Abuse Investigations Unit*. Trenton, NJ: Office of the Child Advocate
- Ryan, K. M., Velez, J., Ducoff, J. A., Eisenbud, L. B., Baldoni, K., Kelly, D. P., Hancock, B., Holochwost, S. J., Zuvich, A., & Heilman, R. (2006). *Adolescents in New Jersey's Foster Care System: An Assessment of Case Practice and Recommendations for Reform*. Trenton, NJ: Office of the Child Advocate.
- Ryan, K. M., Logosso, K., Armstrong-Coben, A., Ganz, J. A., & Holochwost, S. J. (2005). *Office of the Child Advocate report: Needs and assets of the Comprehensive Health Evaluation Center (CHEC) program*. Trenton, NJ: Office of the Child Advocate.

GRANTS AND RESEARCH SUPPORT

Pending Support

“Multisystemic Neurophysiological Function among Hispanic and Latino Children in the Early Education Classroom: Associations with Risk and Resilience” (2025 – 2028).

National Institutes of Health

Role: PI

Lehman College (Total Request: \$400,000)

“Early Education, School Readiness, and Early School Success among Children in Poverty: Exploring the Role of Parasympathetic Function in the Classroom” (2024 – 2028).

National Institutes of Health

Role: site PI

Drs. Cathi Propper (PI), Jennifer Coffman (co-I) and Iheoma Iruka (co-I)

University of North Carolina Chapel Hill, University of North Carolina Greensboro, and Lehman College (Total Request: \$1,999,996)

Impact Score: 27 Percentile: 6

Current Support

“Experiencing STEM FirstHand: The Impact of a Novel Approach to Bolstering Scientific Identity, Interest, and Knowledge in Low-Income Middle School Students of Color” (2022-2026).

Education Innovation and Research Grant, U.S. Department of Education

Role: co-Principal Investigator

Dr. Kristin Gagnier (co-PI) and Laura Holian (co-PI)

University City Science Center, AnLar, and Lehman College (Total Award: \$3,974,496)

“Start with the Art: Arts Integration and Co-Teaching – A Transformative Approach to Increasing Academic Achievement and Fostering Socioemotional Development in Early Elementary Students” (2022-2026).

Education Innovation and Research Grant, U.S. Department of Education

Role: Principal Investigator

Drs. Eleanor Brown (co-PI) and Dennie Palmer Wolf (co-PI)

Young Audiences Maryland, WolfBrown, and West Chester University (Total Award: \$3,970,442)

“Spatial Practice, Assessment, Coaching, and Enrichment for Innovative Teaching (SPACE-IT)” (2021-2025).

Institute of Educational Sciences

Role: co-Principal Investigator

Dr. Kristin Gagnier (PI)

AnLar and Lehman College (Total Award: \$1,700,000)

“Research on Equity via the Arts in Childhood (REACH) Lab” (2021 – 2023).

National Endowment for the Arts Research Labs Grant

Role: co-Principal Investigator

Drs. Eleanor Brown (PI) and Dennie Palmer Wolf (co-PI)

West Chester University and WolfBrown (Total Award: \$150,000)

“Tuning the Heartstrings: Music Education, Persistence, and the Parasympathetic Nervous System” (2020-2024).

National Endowment for the Arts

Role: Principal Investigator

WolfBrown (Total Award: \$100,000)

“Biological Mechanisms and Dosing of Active Music Engagement to Manage Acute Treatment Distress and Improve Health Outcomes in Young Children with Acute Lymphoblastic Leukemia and Parents” (2019-2024).

National Institutes of Health

Role: co-Investigator

Dr. Sheri L. Robb (PI)

Indiana University and WolfBrown (Total Award: \$1,350,000)

Completed Support

“Super-Powered Metropolis” (2019 – 2021).

Institute of Museum and Library Services

Role: Principal Investigator

Children’s Museum of Manhattan and Palmer Wolf Corporation (Total Award: \$149,500)

“Building Baby Brain Hubs (3BH)” (2019 – 2021).

Robin Hood Foundation

Role: Principal Investigator

Children’s Museum of Manhattan and Palmer Wolf Corporation (Total Award: \$1,150,000)

“Growing Inclusivity for Vibrant Engagement (GIVE)” (2019 – 2021).

New York Community Trust

Role: co-Principal Investigator

Dr. Dennie Palmer Wolf (co-PI)

New Victory Theater, Arts Connection, Community Word Project, and WolfBrown (Total Award: \$600,000)

- “A National Collaborative Evaluation of El Sistema-inspired Music Education” (2017 – 2022).
 Laura and John Arnold Foundation
 Role: co-Principal Investigator
 Drs. Dennie Palmer Wolf (co-PI) and Judy Hill Bose (co-PI)
 Bard College and WolfBrown (Total Award: \$222,900)
- “Developing a Spatially-Enhanced Elementary Curriculum and Teacher Training Series to Improve Science Achievement” (2017 – 2021).
 Institute of Educational Sciences
 Role: co-Principal Investigator and External Evaluator
 Drs. Kelly Fisher (PI) and Kristin Gagnier (co-PI)
 Johns Hopkins University (Total Award: \$1,339,991)
- “Leveling the Playing Field: A Quasi-Experimental, Mixed-Methods Study of the Factors that Predict Persistence in the Study of Classical Music” (2019 – 2021).
 National Endowment for the Arts
 Role: co-Principal Investigator
 Dr. Dennie Palmer Wolf (co-PI)
 Carnegie Hall and WolfBrown (Total Award: \$90,000)
- “All the Way to K and Beyond” (2016 – 17).
 W.K. Kellogg Foundation
 Role: Principal Investigator
 Children’s Museum of Manhattan and Palmer Wolf Corporation (Total Award: \$350,000)
- “Arts Corps Creative Schools Initiative” (2014 – 2018).
 United States Department of Education, Arts Education Model Development and Dissemination Grant
 Role: co-Principal Investigator
 Dr. Dennie Palmer Wolf (PI)
 Arts Corps and WolfBrown (Total Award: \$1,750,000)
- “New Victory SPARK: Schools with Performing Arts Reach Kids” (2013 – 2018).
 Pierre and Tana Matisse Foundation
 Role: co-Principal Investigator
 Dr. Dennie Palmer Wolf (PI)
 New Victory Theater and WolfBrown (Total Award: \$375,000)
- “Building Strengths, Buffering Risks: Evaluating the Effects of *Sistema*-Inspired Music Programs in U.S. Communities” (2013 – 2017).
 Buck Family Foundation
 Role: co-Principal Investigator
 Drs. Dennie Palmer Wolf (co-PI) and Judy Hill Bose (co-PI)
 Bard College and WolfBrown (Total Award: \$160,000)
- “A Study of the Socioemotional Benefits of Arts Education to School-Aged Children” (2015 – 2016).
 William Penn Foundation
 Role: co-Principal Investigator
 Drs. Kelly Fisher (co-PI) and Dennie Palmer Wolf (co-PI)
 Johns Hopkins University and WolfBrown (Total Award: \$340,000)
- “Building Strengths, Buffering Risks: Evaluating the Effects of *Sistema*-Inspired Music Programs in U.S. Communities” (2014 – 2015).
 Andrew W. Mellon Foundation
 Role: co-Principal Investigator
 Drs. Dennie Palmer Wolf (co-PI) and Judy Hill Bose (co-PI)
 Bard College and WolfBrown (Total Award: \$100,000)

“Evaluation of a Music-Based Intervention in Juvenile Detention Centers in New York City” (2013 – 2015).
National Endowment for the Arts
Role: co-Principal Investigator
Dr. Dennie Palmer Wolf (PI)
WolfBrown (Total Award: \$20,000; #13-3800-7014)

“Self-Regulation in Preschool: The Role of Child Physiology, Parents, and Teachers” (2012 – 2014).
National Institute of Child Health and Development
Role: Co-Investigator
Drs. Cathi Propper and Jennifer Coffman (PIs)
University of North Carolina Chapel Hill (Total Award: \$175,000)

“Building Creative Capital: An Evaluation Study of NEA Investments in K-12, Standards-Based Arts Education” (2009 – 2011).
National Endowment for the Arts
Role: co-Principal Investigator
Dr. Dennie Palmer Wolf (co-PI)
WolfBrown (Total Award: \$56,000)

PROFESSIONAL SERVICE

Academic & Society Committees

March 2023 – present: *Member*
Science and Social Policy Committee
Society for Research in Child Development

September 2022 – present: *Executive Committee*
Program in Educational Psychology
Graduate Center, City University of New York

January 2021 – present: *Member*
School of Natural and Social Sciences at Lehman College Seminar Series:
The Science of Teaching & Learning: A Human Endeavor

May 2013 – December 2021: *Member & Vice Chair*
Society for Research in Child Development:
Task Force on Applied Developmental Science Training

March 2011 – March 2015: *Member*
Student / Early Career Council (SECC), Society for Research in Child Development (SRCD)
- Elected as SECC representative to the SRCD Committee on Policy & Communications
- Founding Member of the SRCD Task Force on Applied Developmental Science Training

Conference Session Chair

Tuning the Heartstrings:
Parasympathetic Nervous System Activity Across Caregiving Contexts in Early Childhood
Biennial meeting of the Society for Research in Child Development, 2023.

The Neurophysiological Embedding of Child Maltreatment: Current State of the Literature and Future Directions for Research
Biennial meeting of the Society for Research in Child Development, 2021.

Self-Regulation and Early School Success: New Perspectives and Methodologies
Biennial meeting of the Society for Research in Child Development, 2019.

Innovative Research Methods in Arts Education Evaluation
American Evaluation Association Annual Meeting, October 2016.

Innovative Applications: Research Methods in the Arts
American Evaluation Association Annual Meeting, November 2015.

Innovative Approaches to Unresolved Questions in the Study of Early Psychophysiological Development
Society for Research in Child Development Biennial Meeting, March 2015.

Creating Structures to Frame Understanding of Group Arts Participation
American Evaluation Association Annual Meeting, October 2014.

Conference Session Discussant, Panelist, or Moderator

The *Any Given Child* Program (Panelist)

The John F. Kennedy Center for the Performing Arts *Any Given Child* Conference, 2021.

The Arts and Social Emotional Development (Panelist)

U.S. Department of Education Arts in Education Conference, 2019.

Arts Education and Student Development (Panelist)

George Mason University Arts Research Center Conference, 2019.

Building and Sustaining Capacity for Arts Research (Discussant)

National Endowment for the Arts Research Labs Convening, 2019.

Shaping Arts Policy through School District Use of the Impact of the Arts as an Indicator of Achievement
(Discussant)

Annual meeting of the American Evaluation Association, November, 2018.

Beyond Babysitting: A Film Screening & Panel Discussion (Discussant)

Meeting of the Delaware Valley Association for the Education of Young Children, April, 2017.

Enhancing Brain Development During Childhood (Moderator)

National Institutes of Health/Kennedy Center Symposium on Music and the Brain, January, 2017.

Assessing Non-Cognitive Skills (Moderator)

U.S. Department of Education Arts in Education Conference, September, 2016.

Reconceptualizing Internal and External Evaluation (Discussant)

Reframing *El Sistema* Conference, April 2016.

Improving the Evaluation Process through Community Networks (Discussant)

American Evaluation Association Annual Meeting, November 2015.

Editorial

January 2021 – present: Assistant Editor

Infant and Child Development

Reviewer

Acta Paediatrica, Acta Paediatrica Foundation

BMC Psychology, Springer Nature

British Journal of Developmental Psychology, The British Psychological Society

Child and Youth Care Forum, University of New Orleans

Developmental Psychology, American Psychological Association

Developmental Psychobiology, International Society for Developmental Psychobiology

Development and Psychopathology, University of Minnesota

Early Childhood Research Quarterly, National Association for the Education of Young Children

Educational Policy, Sage

Emotion, American Psychological Association

Frontiers in Education, Frontiers
International Journal of Cognitive Therapy, International Association for Cognitive Therapy
International Journal of Early Years Education, Routledge
Journal of Adolescence, The Foundation for Professionals in Services for Adolescents
Journal of Applied Developmental Psychology, Elsevier
Journal of Cognition and Development, Taylor & Francis
Journal of Early Intervention, Division for Early Childhood of the Council for Exceptional Children
Journal of Family Social Work, Taylor & Francis
Journal of Genetic Psychology, Taylor & Francis
Mind, Brain, and Education, International Mind, Brain, and Education Society
Perspectives of Psychological Science, University of Illinois
Psychology of Aesthetics, Creativity, and the Arts, American Psychological Association
Public Health, Elsevier
Social Development, Wiley
Studies in Educational Evaluation, Elsevier
Teachers College Record, Columbia University

Advisory Boards & Committees

July 2021 – present: *Member*
 Creative Content Advisory Board
 Children’s Museum of Manhattan

March 2021 – present: *Member*
 Educational Advisory Board
 John F. Kennedy Center for the Performing Arts

January 2020 – present: *Member*
 Advisory Board
 Neuro-Education Initiative, School of Education, Johns Hopkins University

January – December 2020: *Member*
 Advisory Board
 Center for Translational Neuroscience, University of Oregon

SELECTED AWARDS AND HONORS

- 2013** Dissertation Funding Award, Society for Research in Child Development
 Executive Branch Post-Doctoral Fellowship, Society for Research in Child Development (declined)
- 2012** James J. Gallagher Dissertation Award, Frank Porter Graham Child Development Institute
 Multilevel Modeling Tuition Scholarship, Curran-Bauer Analytics
- 2010** Basic Psychological Science Research Grant, American Psychological Association
 Graduate Research Grant, Psi Chi International Honor Society
- 2009** Graduate Research Fellowship, National Science Foundation
 Election to Full Membership, Sigma Xi Scientific Honors Society
 Grant in Aid of Research, Sigma Xi Scientific Honors Society
- 2008** Merit Assistantship, Graduate School of Arts & Sciences, University of North Carolina Chapel Hill
- 2006** Samuel G. Fels Fellowship, Fels Institute of Government, University of Pennsylvania
- 2004** Dissertation Fellowship, Center for the Critical Analysis of Contemporary Culture (CCACC)
 Governor’s Executive Fellowship, Eagleton Institute of Politics, Rutgers University
- 2003** Mellon Foundation Fellowship, Center for Arts and Cultural Policy Studies, Princeton University

- 2002 Government Fellowship, Eagleton Institute of Politics, Rutgers University
- 2001 Excellence Fellowship for Graduate Study, Department of Music, Rutgers University
- 2000 Phi Beta Kappa, Alpha of Connecticut, Yale University
Finalist, Rhodes Scholarship

POST-GRADUATE & DOCTORAL TRAINING

- Post-Doctoral Training in Survivor Analysis (Statistical Horizons), June 2019
- Post-Doctoral Training in Item Response Theory (Statistical Horizons), October 2017
- Post-Doctoral Training in Growth Mixture Modeling (ICPSR/Odom Institute), June 2014
- Post-Graduate Training in Multilevel Modeling (Curran-Bauer Analytics), June 2012

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