

Curriculum Vitae (January, 2021)
SARAH E. BERGER

ADDRESS

The College of Staten Island, The City University of New York
Department of Psychology
2800 Victory Blvd Rm 4S-221A
Staten Island, New York 10314
office: (718) 982-4148
email: sarah.berger@csi.cuny.edu fax: 718) 982-4114
<https://csivc.csi.cuny.edu/Sarah.Berger/files/Sarah/Home.html>

212 S. Oxford St. 8G
Brooklyn, NY 11217
(718) 246-3965

EDUCATION

- 2000 Ph.D, Department of Psychology,
Program in Cognition and Perception, Developmental Concentration
New York University, New York, NY
*Thesis: Cognition in Locomotion: Infants' Executive Functioning in
Goal-Directed Locomotor Tasks*
- 1997 M.A., Department of Psychology,
Program in Cognition and Perception, Developmental Concentration
New York University, New York, NY
*Thesis: Young Children's Understanding of Intention: The
Discrepancy Between Mental States and the Own/Other Distinction*
- 1993 B.A., Psychology and Spanish
University of Texas, Austin, TX

ADDITIONAL TRAINING

- 2010 Inter-University Consortium for Political and Social Research, Course
in Time Series Analysis
- 2001 Cold Spring Harbor Laboratory, Course in the Biology of
Developmental Disabilities in Children
- Jan 2001-Aug 02 Postdoctoral Fellow, Infant Motor Development Lab
New York University, New York, NY

PROFESSIONAL EXPERIENCE

- 2017 Full Professor, Department of Psychology
College of Staten Island, CUNY, Staten Island, NY
- 2010 – 2011 Visiting Fulbright Scholar, University of Haifa, Haifa, Israel
- 2009 Associate Professor, Department of Psychology
College of Staten Island, CUNY, Staten Island, NY
- 2005 – current Faculty of the Graduate Center of the City University of New York,
Developmental Psychology, New York, NY
- 2004 – 2008 Assistant Professor, Department of Psychology
College of Staten Island, CUNY, Staten Island, NY

2002 – 2004	Assistant Professor, Department of Psychology Adelphi University, Garden City, NY
2001	Adjunct Instructor, Lab in Developmental Psychology New York University, New York, NY
2000	Adjunct Associate Instructor, Developmental Psychology Barnard College, New York, NY
1997, 1999	Adjunct Instructor, Developmental Psychology New York University, New York, NY

RESEARCH GRANTS

2021	National Science Foundation, I-Corps, \$50,000
2020	National Science Foundation, <i>RUI: The Role of Sleep in Infant Motor Problem Solving</i> , NSF BCS #1941122, \$485,916
2019	PSC-CUNY Research Grant, City University of New York, <i>How Do Motor Skill Onsets Impact Sleep Regulation in Infancy?</i> \$8417.16
2019	National Science Foundation, <i>RUI: NSF/SBE-BSF: The Role of Sleep in Infant Motor Learning</i> , Supplement, NSF BCS #1551703, no-cost extension
2019	National Science Foundation, <i>RUI: NSF/SBE-BSF: The Role of Sleep in Infant Motor Learning</i> , Supplement, NSF BCS #1551703, \$61,536
2017	Office of Technology Student-Faculty Mini-Grant, College of Staten Island, City University of New York, \$2254
2016	Office of Technology Student-Faculty Mini-Grant, College of Staten Island, City University of New York, \$1346
2016	National Science Foundation, <i>RUI: NSF/SBE-BSF: The Role of Sleep in Infant Motor Learning</i> , NSF BCS #1551703, \$375,000
2015	PSC-CUNY Research Grant, City University of New York, <i>The Development of Strategy Choice During Novel Problem-Solving in Infancy</i> , \$5999.46
2015	Office of Technology Student-Faculty Mini-Grant, College of Staten Island, City University of New York, \$1460
2014	Provost's Research Fund, College of Staten Island, City University of New York, \$2500
2014	PSC-CUNY Research Grant, City University of New York, <i>The Role of Sleep in Learning to Solve a Novel Locomotor Problem in Infancy</i> , \$5979.72
2013	Student-Faculty Research Technology Support Award, College of Staten Island, City University of New York, \$90
2012	PSC-CUNY Research Grant, City University of New York, <i>The Relationship Between Postural Control and Problem-Solving in Infancy</i> , \$5997.28
2011	Student-Faculty Research Technology Support Award, College of Staten Island, City University of New York, \$1998.48
2010	Provost's Research Scholarship, College of Staten Island, City University of New York, \$12,000
2010	PSC-CUNY Research Grant, City University of New York, <i>Developmental Trade-Offs in Motor and Language Milestones</i> , \$2844.25
2009	PSC-CUNY Research Grant, City University of New York, <i>A Methodological Advance for Measuring Perseveration: Bridging Infancy and Preschool</i> , \$3000.00
2008	PSC-CUNY Research Grant, City University of New York, <i>Renewal: A Longitudinal Study of the Development of Inhibition in Infancy</i> , \$3990.00
2008	Student-Faculty Research Technology Support Award, College of Staten

- Island, City University of New York, \$1940.40
- 2007 PSC-CUNY Research Grant, City University of New York, *A Longitudinal Study of the Development of Inhibition in Infancy*, \$4500.00
- 2006 PSC-CUNY Research Grant, City University of New York, *Renewal: Cognition in Motion*, \$3990.00
- 2005 PSC-CUNY Research Grant, City University of New York, *Cognition in Motion*, \$4000.00
- 2005 Dean's Summer Research Grant, College of Staten Island, City University of New York, \$2000.00

HONORS AND AWARDS

- 2019 CUNY/RFCUNY Faculty Travel for Grant Development Award
- 2017 CUNY Academy for the Humanities and Sciences Travel Award
- 2016 Psi Chi (National Psychology Honors Society) Unrestricted Travel Grant
- 2015 Faculty Center for Professional Development Travel Award, College of Staten Island
- 2011 Faculty Center for Professional Development Travel Award, College of Staten Island
- 2010 Fulbright Research Fellowship, Council for International Exchange of Scholars, \$45,000
- 2010 CUNY Gender Equity Project, Grant Writing Assistance Program
- 2010 Invited participant, "Sleep as a Mirror of Developmental Transitions in Infancy: The Case of Crawling", University of Haifa, Israel
- 2007 Invitation to Pearson/Lesson Lab teaching workshop, Santa Monica, CA.
- 2006 Travel Fellowship, 34th Carnegie Symposium on Cognition: Embodiment, Ego-space, and Action, Carnegie Mellon University, \$700.00
- 2005 CUNY Faculty Development Program Teaching Grant, "Research Apprenticeship in Infant Development," \$5000.00
- 2004 Committee on Excellence in Learning Technology, College of Staten Island, City University of New York, \$1149.58
- 2001 New York University Psychology Departmental Nomination, NY Academy of Sciences, Cattell Thesis Award
- 2001 Cold Spring Harbor Laboratory, Summer Course Stipend
- 2000 Martin D. Braine Memorial Award for Excellence in Research
- 1999 Katzell Summer Fellowship in Psychology, Honorable Mention
- 1998 Award for Outstanding Poster in its Category, American Psychological Society
- 1998 Graduate School of Arts and Sciences Student Travel Award, NYU
- 1997 Graduate School of Arts and Sciences Student Travel Award, NYU

GRADUATE & POSTDOCTORAL RESEARCH GRANTS

- 2001-2002 American Association of University Women Postdoctoral Research Leave Fellowship
- 1994-1999 MacCracken Graduate Fellowship, New York University

PEER-REVIEWED JOURNAL ARTICLES

**student authors*

- DeMasi, A. *, & Berger, S. E. (in press). Making the process of strategy choice visible: Inhibition and motor demands impact preschoolers' real-time problem solving. *Developmental Science*.
- Horger, M. N. *, Marsilliani, R. S., DeMasi, A., Allia, A., & Berger, S. E. (in press). Researcher choices for infant sleep assessment: Parent report, actigraphy, and a novel video system. *The Journal of Genetic Psychology*.
- Horger, M. N. * & Berger, S. E. (2019). The role of walking experience on whole-body exploration and problem solving. *Cognitive Development, 52*, 100825.
- Harbourne, R. T. & Berger, S. E. (2019). Embodied cognition in practice: Exploring effects of a motor-based problem solving intervention. *Physical Therapy, 99(6)*, 786-796.
- Berger, S. E., Harbourne, R. T., Arman, F., * & Sonsini, J. * (2019). Balancing act(ion): Attentional and postural control strategies predict extent of infants' perseveration in a sitting and reaching task. *Cognitive Development, 50*, 13-21.
- Berger, S. E., Harbourne, R. T., & Lliguichuzhca, C. G. * (2018). Sit still and pay attention! Trunk movement and attentional resources in infants with typical and delayed development. *Physical & Occupational Therapy in Pediatrics*, DOI: 10.1080/01942638.2018.1432005.
- Berger, S. E. & Scher, A. (2017). Naps improve new walkers' locomotor problem solving. *Journal of Experimental Child Psychology, 162*, 292-300.
- Berger, S. E., Cunsolo, M. *, Ali, M. *, & Iverson, J. M. (2017). The trajectory of concurrent motor and vocal behaviors over the transition to crawling in infancy. *Infancy, 22(5)*, 681-694.
- Surkar, S. M. *, Edelbrock, C. *, Stergiou, N., Berger, S., & Harbourne, R. (2015). Sitting postural control affects the development of focused attention in children with cerebral palsy. *Pediatric Physical Therapy, 27(1)*, 16-22.
- Berger, S. E., Chin, B. *, Basra, S. *, & Kim, H. * (2015). Step-by-step: A microgenetic study of the development of strategy choice in infancy. *British Journal of Developmental Psychology, 33(1)*, 106-122.
- Berger, S. E., Chan, G. L. Y., & Adolph, K. E. (2014). What cruising infants understand about support for locomotion. *Infancy, 19(2)*, 117-137.
- Atun-Einy, O. *, Berger, S. E., Ducz, J. *, & Scher, A. (2014). Strength of infants' bimanual reaching patterns is related to the onset of upright locomotion. *Infancy, 19(1)*, 82-102.
- Atun-Einy, O. *, Berger, S. E., & Scher, A. (2013). Assessing motivation to move and its relationship to motor development in infancy. *Infant Behavior and Development, 36(3)*, 457-469.
- Atun-Einy, O. *, Berger, S. E., & Scher, A. (2012). Pulling to Stand: Common trajectories and individual differences. *Developmental Psychobiology, 54*, 187-198.
- Berger, S. E., Friedman, R. *, & Polis, M. C. * (2011). The role of locomotor posture and experience on handedness and footedness in infancy. *Infant Behavior and Development, 34(3)*, 472-480.
- Adolph, K. E., Berger, S. E., & Leo, A. J. * (2011). Developmental continuity? Crawling, cruising, and walking. *Developmental Science, 14(2)*, 306-318.
- Berger, S. E., Adolph, K. E., & Kavookjian, A. E. * (2010). Bridging the gap: Solving spatial means-ends relations in a locomotor task. *Child Development, 81(5)*, 1367-1375.
- Berger, S. E. (2010). Locomotor expertise predicts infants' perseverative errors. *Developmental Psychology, 46(2)*, 326-336.

- Berger, S. E., & Nuzzo, K.* (2008). Older siblings influence younger siblings' motor development. *Infant and Child Development*, 17(6), 607-615.
- Berger, S. E., Theuring, C. F.*, & Adolph, K. E. (2007). How and when infants learn to climb stairs. *Infant Behavior and Development*, 30(1), 36-49.
- Berger, S. E., Adolph, K. E., & Lobo, S.A.* (2005). Out of the toolbox: Toddlers differentiate wobbly and wooden handrails. *Child Development*, 76(6), 1294-1307.
- Berger, S. E. (2004). Demands on finite cognitive capacity cause infants' perseverative errors. *Infancy*, 5(2), 217-238.
- Berger, S. E., & Adolph, K. E. (2003). Infants use handrails as tools in a locomotor task. *Developmental Psychology*, 39(3), 594-605.
- Berger, S. E. (2001). Accounting for infant perseveration beyond the manual search task. *Behavioral and Brain Sciences*, 24(1), 34 – 35.

EDITED VOLUMES

- S. E. Berger, A. Scher, & R. T. Harboune (Eds.). (2021). *Advances in Child Development and Behavior, Volume 60, Interdisciplinary Perspectives on the Relation between Sleep and Learning in Early Development*. Burlington: Academic Press. Benson, J. B., Series Editor.

CHAPTERS, CONFERENCE PROCEEDINGS, AND ENCYCLOPEDIA ENTRIES

- Berger, S. E., Horger, M. N.*, DeMasi, A.*, & Karasik, L. B. (in press). Motor Development. In *Oxford Research Encyclopedia of Psychology*. Oxford University Press.
- Berger, S. E., & Scher, A. (2021). Introduction. In S. E. Berger, A. Scher, & R. T. Harboune (Eds.), *Advances in Child Development and Behavior, Volume 60* (pp. 1-8). Burlington: Academic Press.
- Horger, M. N.*, DeMasi, A.*, Allia, A. M.*, Scher, A., & Berger, S. E. (2021). Newly walking infants' night sleep impacts next day learning and problem-solving. In S. E. Berger, A. Scher, & R. T. Harboune (Eds.), *Advances in Child Development and Behavior, Volume 60* (pp. 45-86). Burlington: Academic Press.
- Berger, S. E., Harbourne, R. T., & Horger, M. N.* (2018). Cognition–action trade-offs reflect organization of attention in infancy. In J. B. Benson (Ed.), *Advances in Child Development and Behavior, Volume 54* (pp. 45-86). Burlington: Academic Press.
- Adolph, K. E. & Berger, S. E. (2015). Physical and motor development. In M. H. Bornstein & M. E. Lamb (Eds.), *Developmental science: An advanced textbook*, (7th ed., pp. 261-333). New York: Psychology Press/Taylor & Francis.
- Adolph, K. E., & Berger, S. E. (2013). Development of the motor system. In H. Pashler, T. Crane, M. Kinsbourne, F. Ferreira, & R. Zemel (Eds.), *Encyclopedia of the Mind* (pp. 532-535). Thousand Oaks, CA: Sage Publishers.
- Adolph, K. E., & Berger, S. E. (2011). Physical and motor development. In Marc H. Bornstein & Michael E. Lamb (Eds.), *Cognitive Development: An Advanced Textbook* (6th ed., pp. 257-318). New York: Psychology Press.
- Adolph, K. E., & Berger, S. E. (2011). Physical and motor development. In Marc H. Bornstein & Michael E. Lamb (Eds.), *Developmental Science: An Advanced Textbook* (6th ed., pp. 241-302). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Adolph, K. E. & Berger, S. E. (2009). Physical and motor development. In M. H. Bornstein & M. E. Lamb (Eds.), [*Developmental science: An advanced textbook*], (5th ed., pp. 315-393). (K. Kwak and the SNU Developmental Psychology Laboratory, Trans.).

- Seoul, South Korea: Hakjisa.
- Berger, S. E., & Adolph, K. E. (2007). Learning and development in infant locomotion. C. von Hofsten & K. Rosander (Eds.), *From Action to Cognition* (pp. 237-255). Amsterdam, The Netherlands: Elsevier.
- Berger, S. E., Theuring, C. F., & Adolph, K. E. (2007). How and when infants learn to climb stairs. *FLASH Alert to New Science and Health Research Stories*. Oxford: Elsevier. (Reprinted from *Infant Behavior and Development*, 30, 36-49, 2007).
- Adolph, K. E., & Berger, S. E. (2006). Motor development. In W. Damon & R. Lerner (Series Eds.) & D. Kuhn & R. S. Siegler (Vol. Eds.), *Handbook of child psychology: Vol. 2: Cognition, Perception and Language* (6th ed., pp. 161-213). New York: John Wiley & Sons.
- Adolph, K. E., & Berger, S. E. (2005). Physical and motor development. In Marc H. Bornstein & Michael E. Lamb (Eds.), *Developmental Science: An Advanced Textbook* (5th ed., pp. 223-281). Hillsdale, NJ: Erlbaum.
- Berger, S. E., & Adolph, K. E. (2004). Infants use handrails as tools in a locomotor task. In M. Gauvain & M. Cole (Eds.), *Readings on the development of children* (3rd ed., pp. 87-102). New York: Freeman. (Reprinted from *Developmental Psychology*, 39, pp. 594-605, 2003).
- Berger, S. E. (2001). Executive functioning in manual and locomotor tasks. In J. van der Kamp, A. Ledebt, G. Savelsbergh and E. Thelen (Eds.), *Advances in Motor Development and Learning in Infancy: Behavioural, Neurological, and Modelling Issues*.
- Berger, S. E. (1999). Infants' perseverative errors in a locomotor A-not-B task. In M. A. Grealy & J. A. Thomson (Eds.), *Studies in Perception and Action X*. NJ: Erlbaum.

CONFERENCE PRESENTATIONS

**student authors*

- Patel, S.*, Soker-Elimaliah, S.*, Maia, M. G.*, Jancart, K.*, Horger, M. N.*, Harbourne, R. T., & Berger, S. E. (April, 2021). *Sit up straight and focus: The relationship between infants' sitting ability and focused attention*. Poster presented at the Biennial Meeting of the Society for Research in Child Development (virtual).
- DeMasi, A.*, Horger, M. N.*, Allia, A.*, Scher, A., & Berger, S. E. (April, 2021). *Napping benefits infants when they learn a challenging task, but not an easy one*. Poster presented at the Biennial Meeting of the Society for Research in Child Development (virtual).
- Horger, M. N.* & Berger, S. E. (April, 2021). *The Parental Expectations and Cognitions Surrounding Infant Sleep Survey (PECSIS)*. Poster presented at the Biennial Meeting of the Society for Research in Child Development (virtual).
- DeMasi, A.*, Matos, J.*, Evans, T.*, Maia, M. G.*, Karasik, L. B., & Berger, S. E. (April, 2021). *Zoom in on behavior: How parents teach stair descent at home*. Flash Talk presented at the Biennial Meeting of the Society for Research in Child Development (virtual).
- Berger, S. E., DeMasi, A.*, & Horger, M. N.* (February, 2021). *Locomotor milestone acquisition impacts movement and posture during infant sleep*. Paper presented at the International Pediatric Sleep Association Congress Online.
- Horger, M. N.* & Berger, S. E. (February, 2021). *Noninvasive, in-home state coding in infants and toddlers using an automated coding system*. Poster presented at the International Pediatric Sleep Association Congress Online.

- DeMasi, A.*, Abdel Fatah, S.*, Grant, J.*, Mishra, K.*, & Berger, S. E. (February, 2021). *Tossing and turning: Infants' night wakings and nocturnal motor activity increase around the transition surrounding early motor milestone acquisition*. Poster presented at the International Pediatric Sleep Association Congress Online.
- DeMasi, A.* & Berger, S. E. (October, 2020). *Milestone acquisition and nightly infant locomotor activity: Insights from interrupted times series and recurrence quantification analysis*. Poster presented at the 53rd Annual Meeting of the International Society for Developmental Psychobiology (virtual).
- Horger, M. N.* D'Aloia, R. E.*, Allia, A. M.*, Neumann, T., & Berger, S. E. (October, 2020). *Changes in infant sleep states around motor milestone acquisition*. Poster presented at the 53rd Annual Meeting of the International Society for Developmental Psychobiology (virtual).
- Marsiliani, R. S.* & Berger, S. E. (July, 2020). *Lip and tongue ties: impact on infants' sleep before and after a frenectomy*. Poster presented at the XXII Biennial Meeting of the International Congress on Infant Studies (virtual).
- Horger, M. N.* & Berger, S. E. (July, 2020). *Task difficulty moderates the impact of learning on fragmentation (but not duration) during REM-dominant sleep*. Poster presented at the XXII Biennial Meeting of the International Congress on Infant Studies (virtual).
- DeMasi, A.*, Berger, S. E., Horger, M. N.*, & Allia, A. M.* (July, 2020). *Movement during nighttime wake episodes reflects the onset of crawling and walking*. Poster presented at the XXII Biennial Meeting of the International Congress on Infant Studies (virtual).
- DeMasi, A.* Allia, A. M.*, Horger, M. N.*, & Berger, S. E. (July, 2020). *Prior locomotor experience and sleep quality predict newly walking infants' learning*. Poster presented at the XXII Biennial Meeting of the International Congress on Infant Studies (virtual).
- DeMasi, A.* & Berger, S. E. (March, 2020). *First Steps: Using the Nanit baby monitor to classify nocturnal infant movements*. Paper presented at the 125th Meeting of the Eastern Psychological Association (virtual).
- Berger, S. E., Horger, M. N.*, DeMasi, A*, & Barnett, N. L. (November, 2019). *Video from the crib: Using the Nanit home baby monitoring system to explore the relation between motor development and sleep in infancy*. Poster presented at the 10th Biennial Pediatric Sleep Medicine Meeting, Naples, FL.
- Horger, M. N.*, Berger, S. E., Barnett, N. L. & Glazer, A. (November, 2019). *Methods for infant sleep measurement: A comparison of parent report, actigraphy, and the Nanit video monitoring system*. Poster presented at the 10th Biennial Pediatric Sleep Medicine Meeting, Naples, FL.
- Hinav A.*, Horger M. N.*, Berger S., & Scher A. (September, 2019). *Novice walkers perform a challenging task: Does temperament play a role?* Poster presented at the 19th European Conference on Developmental Psychology, Athens, GREECE.
- Simon, T., Horger M. N.*, Berger S. E., & Scher A. (July, 2019). *Novice walkers solve a motor challenge: Does sleep quality predict performance?* 3rd World Conference on Movement and Cognition, Tel Aviv, ISRAEL.
- Horger, M. N.*, Berger, S. E., DeMasi, A*, Allia, A. M.*, & Scher, A. (June, 2019). *Night sleep and napping together consolidate infants' motor problem solving*. Poster presented at the 33rd Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX.

- Horger, M. N.*, Marsilliani, R. S.*, & Berger, S. E. (2019, March). *The intersection of motor and language skills in problem solving*. Paper presented at the Eastern Psychological Association, New York, NY.
- Berger, S. E., Scher, A., & Horger, M. N.* (February, 2019). *Learning to solve a novel locomotor problem depends on quality and timing of infants' sleep*. Poster presented at the 6th Conference on Cognition Research of the Israeli Society for Cognitive Psychology, Akko, ISRAEL.
- Berger, S. E. & Scher, A. (October, 2018). *Sleep as a context for studying bio-behavioral regulation and developmental change*. Paper presented at the Joint International Workshop for Understanding and Promoting Change from Early to Complex Skills in Typical and Atypical Development: A Cross-Population Approach, University of Bologna, Bologna, ITALY.
- Horger, M. N.*, Friedman, D.*, Scher, A., & Berger, S. E. (July, 2018). *Individual differences in the quality of night sleep influence infants' preparedness for learning the following day*. Poster presented at the XXI Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Horger, M. N.*, Saad, P.*, Scher, A., & Berger, S. E. (July, 2018). *Infants' ability to consolidate new information depends on the timing of a nap relative to learning and test*. Poster presented at the XXI Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Harbourne, R. T. & Berger, S. E. (July, 2018). *Finding your own way: Comparison of interventions for infants with motor delays to improve movement and problem-solving*. Flash Talk presented at the XXI Biennial Meeting of the International Congress on Infant Studies, Philadelphia, PA.
- Berger, S. E. & Moore, C. T. (April, 2018). *The onset of motor milestones changes infants' sleep patterns*. Poster presented at the International Pediatric Sleep Association Congress, Paris, FRANCE.
- Horger, M. N.*, Saad, P.*, Zillig, A.*, & Berger, S. E. (October, 2017). *Regress for success: Returning to crawling places attentional demands on new walkers*. Poster presented at the Tenth Biennial Meeting of the Cognitive Development Society, Portland, OR.
- Benipayo, D.*, Hardy, D.*, & Berger, S. E. (October, 2017). *"A-maze-ing" problem solving: Motor demands impact young children's strategy choices*. Poster presented at the Tenth Biennial Meeting of the Cognitive Development Society, Portland, OR.
- Horger, M. N.*, Berger, S. E., Orr, E., & Benish-Weisman, M. (May, 2017). *The relation between culture, parental values, and young children's play*. Poster presented at the 29th Annual Convention of the Association for Psychological Science, Boston, MA.
- Berger, S. E. & Moore, C. T. (April, 2017). *The timing and density of longitudinal observations shapes the portrayal of how motor development impacts infants' sleep*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Austin, TX.
- Harbourne, R. & Berger, S. E. (2016, July). *Magnification of variable movements helps predict sitting ability in infants with neuromotor disorder*. Poster presented at the IV STEP Conference, Columbus, OH.
- Berger, S. E. & Moore, C. T. (May, 2016). *Exploring the relationship between infant motor development and sleep using times series and point process models*. Poster presented at the Twentieth Biennial International Conference on Infant Studies, New Orleans, LA.
- Berger, S. E., Harbourne, R., Sonsini, J.*, Surkar, S.*, Schriefer, A.*, Arman, F.* & Guallpa,

- C.* (May, 2016). *Video magnification reveals postural dynamics in sitting in typical and atypical development during phases of focused attention*. Poster presented at the Twentieth Biennial International Conference on Infant Studies, New Orleans, LA.
- Moore, C. T. & Berger, S. E. (2015, October). *An interdisciplinary approach to developmental psychology: Statistical techniques for analyzing the interaction between sleep and motor development in infants*. Paper presented at the SACNAS National Conference, Washington, DC.
- Berger, S. E., Sonsini, J.*, & Harbourne, R. (2015, October). *Newly sitting infants recruit compensatory postural strategies to facilitate inhibition*. Poster presented at the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Berger, S. E., Cunsolo, M.*, & Iverson, J. M. (2015, October). *Contingencies between motor and vocal behaviors over the transition to crawling in infancy*. Poster presented at the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, OH.
- Berger, S. E., Scher, A., & Gniewkowski, L. A.* (2015, June). *Naps improve infants' motor learning*. Poster presented at the 29th Annual Meeting of the Associated Professional Sleep Societies, Seattle, WA.
- Sonsini, J.*, Berger, S. E., & Harbourne, R. (2015, March). *Newly sitting infants demonstrate decreased inhibition and postural control during an A not B task*. Poster presented at the Society for Research in Child Development, Philadelphia, PA.
- Ducz, J. K.*, Berger, S. E., & Chin, B.* (2015, March). *Hand over foot: Differences in bimanual and bipedal coordination in children*. Poster presented at the Society for Research in Child Development, Philadelphia, PA.
- Surkar, S.*, Stergiou, N., Berger, S. E., & Harbourne, R. (2015, February). *Sitting postural control contributes to the development of focused attention in children with cerebral palsy*. Poster presented at the American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.
- Berger, S. E., Scher, A., & Curovic, F.* (2014, July). *Learning to solve a novel locomotor problem in infancy: Does sleep play a role?* Poster presented at the Nineteenth Biennial International Conference on Infant Studies, Berlin, GERMANY.
- Velonis, S.*, Harbourne, K.*, & Berger, S. E. (2014, March). *A longitudinal study of motivation to move and motor development in infancy*. Poster presented at the 85th Annual Meeting of the Eastern Psychological Association, Boston, MA.
- Ducz, J. K.* & Berger, S. E. (2013, November). *The influence of motor and language onsets on infant lateralization*. Poster presented at the 46th Annual Meeting of the International Society for Developmental Psychobiology, San Diego, CA.
- Kirkman, C. J.* & Berger, S. E. (2013, November). *Assessing behavioral variability in tasks of inhibition among preschoolers*. Poster presented at the Biennial Meeting of the International Society for the Study of Human Development, Fort Lauderdale, FL.
- Kirkman, C. J.* & Berger, S. E. (2013, October). *Behavioral variability and vocalizations in tasks of inhibition in early childhood*. Poster presented at the Eighth Biennial Meeting of the Cognitive Development Society, Memphis, TN.
- Aldrich, N. J.*, Yuksel-Sokmen, P*. & Berger, S. E. (2013, April). *A mixed-methods approach to child development instruction*. Poster presented at the Developmental Science Teaching Institute, Seattle, WA.
- Kirkman, C. J.* & Berger, S. E. (2013, March). *Measuring inhibition through behavioral variability in preschoolers and adults*. Poster presented at the Eastern Psychological Association, New York, NY.

- Berger, S. E., Benish-Weisman, M., & Corapci, F. (2012, June). *The relation between physical space and young children's play: A cross-cultural examination*. Poster presented at the Eighteenth Biennial International Conference on Infant Studies, Minneapolis, MN.
- Berger, S. E., Poteat, T.*, & Iverson, J. (2012, June). *Moment-to-moment behavioral trade-offs during the acquisition of motor and language milestones*. Poster presented at the Eighteenth Biennial International Conference on Infant Studies, Minneapolis, MN.
- Berger, S. E. & Scher, A. (2012, June). *What is the role of sleep in toddlers' motor learning?* Poster presented at the Eighteenth Biennial International Conference on Infant Studies, Minneapolis, MN.
- Berger, S. E. & Scher, A. (2011, November). *A microgenetic case study of sleep and motor development over the first 2 years*. Poster presented at the 44th Annual Meeting of the International Society for Developmental Psychobiology, Washington, DC.
- Kirkman, C.* & Berger, S. E. (2011, October). *Micro-coding preschoolers' ability to inhibit*. Poster presented at the Seventh Biennial Meeting of the Cognitive Development Society, Philadelphia, PA.
- Berger, S. E., Atun-Einy, O.*, & Scher, A. (2011, May). *Motivation to move influences timing of motor milestone onsets in infancy*. Poster presented at the 16th International Conference of the Association of Psychology and Psychiatry for Adults and Children, Athens, GREECE.
- Berger, S. E. (2010, April). *Do posture-related experiences influence the onset of infants' motor milestones?* Poster presented at the 21st Biennial Conference on Human Development, New York, NY.
- Berger, S. E., Kaur, P.*, & Taysin, S*. (2010, April). *Infants' changing locomotor expertise changes body awareness*. Poster presented at the 21st Biennial Conference on Human Development, New York, NY.
- Berger, S. E. & Kim, H. H.* (2010, March). *New walkers' strategies for descending stairs*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- Friedman, R.*, Polis, M.*, & Berger, S. E. (2010, March). *Foot preferences in locomotion*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
- Polis, M. C.*, Berger, S. E., & Friedman, R.* (2010, March). *The role of locomotor expertise on limb preference*. Poster presented at the Eastern Psychological Association, Brooklyn, NY.
- Berger, S. E. (2009, October). *Perceptual-motor task demands affect young children's ability to inhibit*. Poster presented at the Sixth Biennial Meeting of the Cognitive Development Society, San Antonio, TX.
- Berger, S. E., Adolph, K. E., Goodman, E. E.*, & Gavora, A.* (2009, April). *Cruise control: How cruising infants solve the problem of keeping balance*. Paper presented at the Society for Research in Child Development, Denver, CO.
- Polis, M.*, Berger, S. E., & Friedman, R.* (2009, April). *Choosing sides: A snapshot of footedness in infancy*. Poster presented at the Society for Research in Child Development, Denver, CO.
- Berger, S. E. (2008, March). *A longitudinal study of the role of infants' locomotor expertise on the development of inhibition*. Poster presented at the International Conference on Infant Studies, Vancouver, British Columbia, CANADA.
- Berger, S. E., Kavookjian, A. E., & Adolph, K. E. (2008, March). *Infants' spatial reasoning strategies in a whole-body tool-use task*. Poster presented at the International

- Conference on Infant Studies, Vancouver, British Columbia, CANADA.
- Berger, S. E. (2007, March). *Development in motion*. Symposium conducted at the Society for Research in Child Development, Boston, MA.
- Berger, S. E. (2007, March). *Perseveration in motion*. Paper presented at the Society for Research in Child Development, Boston, MA.
- Adolph, K. E., Joh, A. S., Ishak, S., Lobo, S. A., & Berger, S. E. (2005, October). *Specificity of infants' knowledge for action*. Paper presented at the Fourth Biennial Meeting of the Cognitive Development Society, San Diego, CA.
- Berger, S. E. (2005, May). *Locomotor perseveration*. Paper presented at the Second World Congress: Motor Development and Learning in Infancy, Murcia, SPAIN.
- Berger, S. E., Theuring, C. F.*, & Adolph, K. E. (2005, May). *Learning to ascend and descend stairs*. Poster presented at the Second World Congress: Motor Development and Learning in Infancy, Murcia, SPAIN.
- Berger, S. E. (2005, April). *Out with the old, in with the new: Walkers' reluctance to return to crawling elicits perseverative behaviors*. Poster presented at the Society for Research in Child Development, Atlanta, GA.
- Berger, S. E. (2004, June). *The development and learning of inhibition in infancy*. Paper presented at the North American Conference for the Psychology of Sport and Physical Activity, Vancouver, B. C., CANADA.
- Berger, S. E. & Adolph, K. E. (2004, May). *Necessity is the mother of invention: Infants' tool-use depends on context-specific factors*. Paper presented at the International Conference on Infant Studies, Chicago, IL.
- Berger, S. E., Theuring, C. F. *, & Adolph, K. E. (2004, May). *Social, cognitive, geographic, and biomechanical factors affect infants' learning to ascend and descend stairs*. Poster presented at the International Conference on Infant Studies, Chicago, IL.
- Fisher, J.* & Berger, S. E. (2003, November). *The effects of having an older sibling on motor development*. Poster presented at the Biennial Meeting of the Society for the Study of Human Development, Cambridge, MA.
- Berger, S. E. (2003, October). *Infants' spatial reasoning about tools*. Poster presented at the Third Biennial Meeting of the Cognitive Development Society, Park City, UT.
- Berger, S. E. & Theuring, C. F.* (2003, May). *Crawling is not enough: Contextual influences on infants' stair ascent and descent*. Poster presented at the American Psychological Society, Atlanta, GA.
- Berger, S. E. (2003, April). *Practice makes perfect: The effect of locomotor experience on infants' capacity to inhibit*. Poster presented at the Society for Research in Child Development, Tampa, FL.
- Berger, S. E. & Lobo, S. A.* (2003, April). *Look, Ma, both hands: Infants discriminate wooden and wobbly handrails*. Poster presented at the Society for Research in Child Development, Tampa, FL.
- Berger, S. E. & Adolph, K. E. (2002, April). *Infants' handrail use as a tool for balance control*. Paper presented at the International Conference on Infant Studies, Toronto, Ontario, CANADA.
- Berger, S. E. (2002, April). *A cognitive capacity explanation for perseverative errors in the A-not-B task*. Paper presented at the International Conference on Infant Studies, Toronto, Ontario, CANADA.
- Berger, S. E. (2001, June). *Executive functioning in infants' locomotion*. Paper presented at the International Conference on Event Perception and Action, Storrs, CT.
- Berger, S. E. (2001, May). *Executive functioning in manual and locomotor tasks*. Poster

- presented at the First World Congress: Motor Development and Learning in Infancy, Amsterdam, THE NETHERLANDS.
- Berger, S. E. (2001, April). *Locomotor ability influences perseverative errors*. Poster presented at the Society for Research in Child Development, Minneapolis, MN.
- Berger, S. E. (2001, April). *Walking skill predicts accuracy of decision-making in a goal-directed locomotor task*. Poster presented at the Society for Research in Child Development, Minneapolis, MN.
- Berger, S. E., McLaughlin, A. E.*, & Adolph, K. E. (2000, July). *Toddlers' recognition of a handrail as an aid for locomotion*. Poster presented at the International Conference on Infant Studies, Brighton, ENGLAND.
- Berger, S. E. (2000, July). *Task difficulty elicits perseverative behaviors in a locomotor A-not-B task*. Poster presented at the International Conference on Infant Studies, Brighton, ENGLAND.
- Berger, S. E., McLaughlin, A. E.*, Adolph, K. E., & Hobson, M. M.* (2000, April). *Toddlers' exploratory behavior as a predictor of accurate decision-making in a locomotor task*. Poster presented at the Conference on Human Development, Memphis, TN.
- Berger, S. E. (1999, August). *Infants' perseverative errors in a locomotor A-not-B task*. Poster presented at the International Conference on Event Perception and Action, Edinburgh, SCOTLAND.
- Berger, S. E., Ngyuen, L., & Frye, D. (1998, May). *The influence of conflict and context on young children's understanding of desire*. Poster presented at the American Psychological Society, Washington, D.C.
- Berger, S. E., & Frye, D. (1997, June). *The conceptual confusion theory of mind: More intense than originally thought*. Poster presented at the Jean Piaget Society, Santa Monica, CA.
- Berger, S. E., & Frye, D. (1997, April). *The discrepancy between mental states: Young children's differentiation of intention and desire*. Poster presented at the Eastern Psychological Association, Washington, D.C.
- Berger, S. E., & Frye, D. (1997, April). *Understanding intention: Comparing children's own accidents to those of others*. Poster presented at the Society for Research in Child Development, Washington, D.C.

MEDIA APPEARANCES

- 2003, April. The baby human: To walk. *Discovery Health Channel*.
- 2003, June. Toddlers ride rail to tool use. *Science News*, 163(24).
- 2003, September. Tools for tots. *Infants to Adolescents: Research Update*, Vol. 4(5).
- 2006, April. Babies, snakes, campaign finance... *The Staten Island Advance*, pp. A10-A11.
- 2007, February. Little white lies. *The Staten Island Advance*.
- 2007, September. *Babytalk Magazine*, p. 26.
- 2010, September. 7 super sibling benefits. *Parents Magazine*.
- 2011, June, Parenting section of *Yediot Ahronot*, <http://www.ynet.co.il/articles/0,7340,L-4075702,00.html> [in Hebrew].
- 2019 Jette, A. (Editor-in-Chief, *Physical Therapy*). (2019, May 28). *From everyday wearables to robotics: Interdisciplinary collaborations and strategies for optimal development: An interview with Dr. Jill Heathcock* [Audio podcast]. Retrieved from <https://academic.oup.com/ptj/pages/podcasts>
- 2019 Jette, A. (Editor-in-Chief, *Physical Therapy*). (2019, June 28). *Embodied cognition in practice: "Human cognition about the world is situated in a real, physical body": An*

author interview with Dr. Sarah Berger and Dr. Regina Harbourne. [Audio podcast]. Retrieved from <https://academic.oup.com/ptj/pages/podcasts>

COLLOQUIA

- 1995 New York University, Department of Psychology, Program in Perception and Cognition, Miniconvention
- 1996 New York University, Department of Psychology, Developmental Seminar
New York University, Department of Psychology, Program in Perception & Cognition, Miniconvention
- 1999 New York University, Department of Psychology, Developmental Seminar
- 2000 The Sackler Institute for Developmental Psychobiology
- 2001 Washington Irving High School Teen Health Conference
New York University, Department of Psychology, Developmental Seminar
- 2003 Adelphi University, Derner Institute of Advanced Psychological Studies, Departmental Colloquium
- 2004 The College of Staten Island, Department of Psychology, Departmental Colloquium
Institute for the Study of Child Development, Robert Wood Johnson/University of Medicine & Dentistry, New Jersey
- 2005 CUNY Graduate Center, Department of Psychology, Developmental Brown Bag
- 2006 CUNY Graduate Center, Department of Psychology, Developmental Proseminar
New York University, Department of Psychology, Program in Perception & Cognition, Colloquium
- 2007 Drew University, Department of Psychology, Departmental Colloquium
- 2010 Bar Ilan University, Gonda Multidisciplinary Brain Research Center, Ramat Gan, Israel
Technion University, The Research Center for Work Safety and Human Engineering, Haifa, Israel
University of Haifa, Department of Education, Haifa, Israel
Koc University, Department of Psychology, Istanbul, Turkey
Bogazici University, Department of Psychology, Istanbul, Turkey
Bahcesehir University, Department of Psychology, Istanbul, Turkey
- 2011 University of Haifa, Department of Psychology, Cognitive Seminar, Haifa, Israel
University of Haifa, Department of Psychology, Developmental Seminar, Haifa, Israel
University of Haifa, Department of Physical Therapy, Haifa, Israel
Keynote Speaker, *Kupat Cholim Klalit* [Israeli public healthcare provider], Regional Training Day, Department of Pediatric Physiotherapy, Haifa, Israel
Hebrew University, Department of Psychology, Cognitive Forum, Jerusalem, Israel
US-Israel Educational Foundation, Fulbright Panelist, Tel Aviv, Israel
University of Nebraska Medical Center, Munroe-Meyer Institute, Department of Physical Therapy, Omaha, NE
- 2014 CUNY Graduate Center, Department of Psychology, Developmental Proseminar
- 2016 Duquesne University, Department of Physical Therapy, Pittsburgh, PA
- 2018 University of Haifa, Department of Psychology, Cognitive Seminar, Haifa, Israel
New York University, Steinhardt Department of Applied Psychology, Developmental Psychology Colloquium
- 2019 University of Haifa, Department of Education, Haifa, Israel

PROFESSIONAL AFFILIATIONS

Society for Research in Child Development
Cognitive Development Society
International Congress for Infant Studies
International Society for Developmental Psychobiology
Eastern Psychological Association
International Pediatric Sleep Association

PROFESSIONAL SERVICE

University Service

Current:

CUNY Graduate Center, Psychology, Deputy Executive Officer for Student Research
CSI Psychology Department Appointments Committee
CSI Psychology Department Outcomes Committee
CUNY Graduate Center, Psychology, Developmental Psychology Training Area, *Admissions Committee*
CUNY Graduate Center, Psychology, Developmental Psychology Training Area, *Executive Committee*

Past:

CUNY Graduate Center, Psychology, CSI Representative to GC Psych. Exec. Committee
Faculty Senate/College Council, CSI Psychology Department Representative
CSI Psychology Department Search Committee, Quant position, Psychology Department, Spring 2013
Coordinator, Adjunct Training Workshop, Psychology Department
Reviewer, CUNY Graduate Center Graduate Student Research Competition
Chair, Search Committee, Psychology Department, Spring 2012
Reviewer, College of Staten Island, Provost's Research Scholarship
Faculty Mentor, Dolphin Mentoring Exchange, College of Staten Island
Advisor to the Psychology Club/Psi Chi, College of Staten Island
Departmental representative at CSI Open House
Reviewer, Dean's Summer Research Grant
PSC/CUNY Grant Reviewer: Psychology Panel
Committee for Excellence in Learning Technology
Search Committee, Physical Therapy (Spring, 2008; Spring, 2009)
President's Advisement Task Force, Psychology Department Representative
Deputy Chair of the Psychology Department, Adjunct Coordinator

Grant Reviewer

National Science Foundation, ad hoc reviewer
2011-2014, 2018 American Association of University Women, Member American Fellowships Review Panel
2014 Israel Science Foundation
2016, 2019 US-Israel Binational Science Foundation
2016 Polish-US Fulbright Commission, Fulbright Senior Award
2018 National Sciences and Engineering Research Council of Canada

2019 Society for Research in Child Development, Small Grants Program
2020-2022 Fulbright U.S. Student Program National Screening Committee
2021 Institute of Education Science, Early Intervention and Early Childhood
Education review panel

Journal Reviewer, ad hoc

Autism Research, Behavior Research Methods, Child Development, Children, Cognition, Developmental Medicine and Child Neurology, Developmental Psychobiology, Developmental Psychology, Developmental Science, Early Education and Development, Frontiers in Child Health and Human Development, Frontiers in Developmental Psychology, Frontiers in Movement Science and Sport Psychology, Frontiers in Psychology, Frontiers in Aging Neuroscience, Gait and Posture, Human Movement Science, Infancy, Infant Behavior and and Development, Infant and Child Development, Journal of Cognition and Development, Journal of Experimental Child Psychology, Journal of Experimental Psychology: Human Perception and Performance, Journal of Motor Behavior, Journal of Motor Learning and Development, PLOS One, Psychological Science, Research in Developmental Disabilities, SLEEP, Sleep Medicine Reviews

Editorial Board

2010-2017 *Frontiers in Developmental Psychology*
2013-present *Frontiers in Movement Science and Sport Psychology*

Conference Reviewer

2007 Society for Research in Child Development biennial meeting, “Infancy: Biological and Cognitive Processes” Panel
2008 International Society for Infant Studies biennial meeting, “Sensory and Motor” Panel
2009 Society for Research in Child Development biennial meeting, “Attention, Learning, and Memory” Panel
2010 International Society for Infant Studies biennial meeting, “Motor and Sensorimotor” Panel
2011 Society for Research in Child Development biennial meeting, “Childhood: Neurodevelopmental and Cognitive Processes” Panel
2013 Society for Research in Child Development biennial meeting, “Infancy: Neurodevelopmental, Cognitive, Motor, & Perceptual Processes” Panel
2015 Society for Research in Child Development biennial meeting, “Attention, Learning, and Memory” Panel
2017 Society for Research in Child Development biennial meeting, “Cognitive Processes”
2017 Cognitive Development Society biennial meeting
2019 Society for Research in Child Development biennial meeting, “Attention, Learning, and Memory” Panel
2021 Society for Research in Child Development biennial meeting, “Attention, Learning, and Memory” Panel

Community Service

2004 Junior Science and Humanities Symposium, regional conference judge
2008 NYC Science and Engineering Fair, competition judge

Consultant

ESTART (Early Childhood Standards Assessment of Readiness Tool)