

Brianna Kaplan

Contact Information:

Department of Psychology, NYU
4 Washington Place, Room 415
New York, NY 10003
(212) 998-9058
brianna.kaplan@nyu.edu

Education:

2018 – present Ph.D., expected 2023
New York University, New York, NY
NYU Infant Action Lab (nyuactionlab.com)
Advisors: Karen Adolph and Catherine Tamis-LeMonda

2012 – 2016 B.A., Psychology, Minor: Cognitive Science
University of California, Los Angeles, CA
Advisor: Scott Johnson

Research Experience

2018 – present NYU, Advisors: Karen Adolph and Catherine Tamis-LeMonda

2016 – 2018 Research Staff, NYU, Advisor: Karen Adolph

2015 – 2016 Senior Honors Thesis, UCLA, Advisor: Scott Johnson

2014 – 2015 Clinical Research Intern, UCLA, Advisor: Bruce Baker

2014 – 2015 Clinical Research Intern, UCLA, Advisor: Jill Waterman

2014 Research Assistant, UCLA, Advisor: Rena Repetti

2013 – 2016 Research Assistant, UCLA, Advisor: Scott Johnson

Honors and Awards

2020 ICIS Student Travel Award (\$400)

2020 Dean's Student Travel Award (\$500)

2015 – 2016 Departmental Honors, UCLA

2012 – 2016 Regent Scholarship (\$8,000), UCLA

2012 – 2016 Dean's Honors List, UCLA

2012 – 2016 MS Society Scholarship (\$12,000)

Publications:

1. Ossmy, O., **Kaplan, B.E.**, Han, D., Xu, M., Mukamel, R., Adolph, K.E. (in press). Real-time Processes in the Development of Action Planning. *Current Biology*.
2. Schatz, J., Suarez-Rivera, C., **Kaplan, B.E.**, & Tamis-LeMonda, C. S. (in press). Infant Object Interactions are Longer and More Complex in the Context of Multimodal Joint Engagement.
3. Rachwani, J., Hertzburg-Keller, O., **Kaplan, B.E.**, O'Grady, S., Comalli, D. M., & Adolph, K. E. (in press). The Development of Action Selection: Infant and Adult Perception of Overhead Barriers. *Developmental Psychobiology*.
4. West, K.L., Soska, K.C., Cole, W.G., Han, D., Hoch, J.E., Hospodar, C.M., & **Kaplan, B.E.** (in press). From Description to Generalization, or There and Back Again. *Behavioral and Brain Sciences*.
5. Ossmy, O., Han, D., **Kaplan, B.E.**, Xu, M., Bianco, C., Mukamel, R., & Adolph, K. E. (2021). Looking Without Seeing: Children Do Not Distinguish Efficient From Inefficient Means to Achieve a Goal. *Scientific Reports*.

6. Adolph, K.E., **Kaplan, B.E.**, & Kretch, K.S. (2021). Infants on the edge: Beyond the visual cliff. In A. Slater & P. Quinn (Eds.), *Developmental psychology: Revisiting the classic studies, 2nd ed.* London: Sage Publications, pp 51-72.
7. Rachwani, J., **Kaplan, B.E.**, Tamis-LeMonda, C. S., & Adolph, K. E. (2020). Children's Use of Everyday Artifacts: Learning the Hidden Affordance of Zipping. *Developmental Psychobiology*, 63(4), 793-799.
8. Ossmy, O., Han, D., Cheng, M., **Kaplan, B.E.**, Tamis-LeMonda, C. S. & Adolph, K. E. (2020). Look Before you Fit: The Real-Time Planning Cascade in Children and Adults. *Journal of Experimental Child Psychology*, 189, 104696.
9. Ogren, M., **Kaplan, B.E.**, Peng, Y., Johnson, K. L., & Johnson, S. P. (2019). Infant Emotion Discrimination from Biological Motion. *Infant Behavior and Development*, 57, 101324.

Manuscripts in Preparation & Under Review:

1. **Kaplan, B.E.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (in revision). The Process of Learning the Designed Actions of Toys. *Journal of Experimental Child Psychology*.
2. **Kaplan, B.E.**, Kasaba, I., Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (in prep). Learning the Obvious: How Mothers Teach the Designed Actions of Everyday Objects.
3. **Kaplan, B.E.**, Parulekar, S., Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (in prep). Trick or Twist: The Role of Perceptual Feedback in Learning to Use Everyday Objects.
4. Ossmy, O., Cheng, M., Bianco, C., Han, D., **Kaplan, B.E.**, Adolph, K.E. (in prep). First "Where" and then "How": Developmental Processes in Exploring Solutions to Problems with Hidden Demands.
5. Ossmy, O., **Kaplan, B.E.**, Han, D., & Adolph, K. E. (in prep). Using EEG, Head-Mounted Eye Tracking, Motion Tracking, and Video to Study Human Development.

Conference Talks:

1. **Kaplan, B.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2021, April). *Deceptively Simple: The Perceptual-Motor and Social Factors in Children's Learning of the Designed Actions of Objects*. Society for Research in Child Development. [Virtual].

Conference Posters:

1. **Kaplan, B.**, Rachwani, J., Kasaba, I., Tamis-LeMonda, C. S., & Adolph, K. E. (2021, June). *How Mothers Teach their Children to Use Everyday Objects*. Development in Motion. [Virtual].
2. Ossmy, O., Han, D., **Kaplan, B.**, Xu, M., Bianco, C., & Adolph, K. E. (2021, May). *Looking without Seeing: Children do not distinguish efficient from inefficient means to achieve a goal*. Vision Sciences Society. [Virtual].
3. **Kaplan, B.**, Rachwani, J., Kasaba, I., Tamis-LeMonda, C. S., & Adolph, K. E. (2021, April). *How Mothers Teach the Designed Actions of Everyday Objects*. Society for Research in Child Development. [Virtual].
4. Ossmy, O., Cheng, M., Bianco, C., **Kaplan, B.**, Tamis-LeMonda, C. S., & Adolph, K. E. (2020, July). *Developmental Process in Discovering and Implementing Solutions to Problems with Hidden Demands*. Society for Research in Child Development. [Virtual].

5. **Kaplan, B.**, Rachwani, J., Zhang, C., Shilling, M., Tamis-LeMonda, C. S., & Adolph, K. E. (2020, July). *Scaffolding Motor Action: How Mothers Teach Infants the Designed Actions of Everyday Objects*. International Congress on Infant Studies, Glasgow, UK. (Conference cancelled).
6. Ossmy, O., Cheng, M., Bianco, C., **Kaplan, B.**, Tamis-LeMonda, C. S., & Adolph, K. E. (2020, July). *Developmental Progression in Discovering and Implementing Solutions to Problems with Hidden Demands*. International Congress on Infant Studies, Glasgow, UK. (Conference cancelled).
7. Ossmy, O., Han, D., **Kaplan, B.**, Xu, M., Bianco, C., & Adolph, K. E. (2020, May). *Looking without Noticing: Adults Distinguish the Means to Achieve a Goal, but Children Do Not*. Jean Piaget Society, Philadelphia, PA. (Conference cancelled).
8. Ossmy, O., Cheng, M., Bianco, C., **Kaplan, B.**, & Adolph, K. E. (2020, May). *The Developmental Process in Discovering and Implementing Solutions to Problems with Hidden Demands*. Jean Piaget Society, Philadelphia, PA. (Conference cancelled).
9. **Kaplan, B.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2019, October). *Learning the Obvious: How Mothers Teach the Designed Actions of Everyday Objects*. Cognitive Development Society, Louisville, KY.
10. **Kaplan, B.**, Rachwani, J., Han, D., Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Children's Use of Everyday Artifacts: Cognitive and Perceptual-motor Requirements of Unzipping a Zipper*. Society for Research on Child Development, Baltimore, MD.
11. Ossmy, O., **Kaplan, B.**, Han, D., Xu, M., Bianco, C., Adolph, K.E (2019, March). *What eye tracking and EEG tell us about the perception of multistep actions in children and adults*. Society for Research on Child Development, Baltimore, MD.
12. Ossmy, O., Han, D., Cheng, M., **Kaplan, B.**, Adolph, K.E. (2019, March). *Real-time problem solving in children and adults: The development of predictive planning in object fitting*. Society for Research in Child Development, Baltimore, MD.
13. **Kaplan, B.**, Rachwani, J., Sida, A., Vasa, A., Tamis-LeMonda, C. S., & Adolph, K. E. (2018, June). *Perceptual-Motor Exploration and Problem Solving: Learning to Implement the Designed Action of Duplo Bricks*. International Congress on Infant Studies, Philadelphia, PA.
14. Rachwani, J., **Kaplan, B.**, Tamis-LeMonda, C. S., Karasik, L. B., Lockman, J. J., & Adolph, K. E. (2018, June). *Learning the Designed Actions of Everyday Objects*. International Congress on Infant Studies, Philadelphia, PA.
15. Herzberg, O., Rachwani, J., **Kaplan, B.**, O'Grady, S. M., Comalli, D. M., & Adolph, K. E. (2018, June). *Flexibility in Action: How Infants and Adults Navigate Under a Barrier*. International Congress on Infant Studies, Philadelphia, PA.
16. Borenstein, H., Chen, A., Xu, M., **Kaplan, B.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2018, June). *A Toy's Story: Exploration, Discovery, Implementation, and Construction*. International Congress on Infant Studies, Philadelphia, PA.
17. Ogren, M., **Kaplan, B.**, Johnson, K. L., & Johnson, S. P. (2018, June). *Infant Emotion Discrimination from Biological Motion*. International Congress on Infant Studies, Philadelphia, PA.
18. Ossmy, O., **Kaplan, B.**, Xu, M., & Adolph, K. E. (2018, March). *Development of flexibility in tool use*. Cognitive Neuroscience Society, Boston, MA.

19. Ossmy, O., **Kaplan, B.**, Han, D., Xu, M., & Adolph, K. E. (2017, November) *Neural Patterns Underlying the Development of Planning in Tool Use*. Society for Neuroscience, Washington D.C.
20. **Kaplan, B.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2017, November). *Hidden Affordances in Plain Sight: Discovering Possibilities for Action with Duplo Blocks*. International Society for Developmental Psychobiology, Washington D.C.
21. Ossmy, O., **Kaplan, B.**, Han, D., Xu, M., & Adolph, K. E. (2017, November) *Neural Patterns Underlying the Development of Planning in Tool Use*. International Society for Developmental Psychobiology, Washington D.C.
22. Herzberg, O., Rachwani, J., **Kaplan, B.**, O'Grady, S. M., Comalli, D. M., & Adolph, K. E. (2017, November). *Flexibility in Action: How Infants and Adults Navigate Under a Barrier*. International Society for Developmental Psychobiology, Washington D.C.
23. Ossmy, O., **Kaplan, B.**, Han, D., Xu, M., & Adolph, K. E. (2017, October) *Neural Patterns Underlying the Development of Planning in Tool Use*. Cognitive Development Society, Portland, OR.

Teaching Experience

Spring 2017 TA: Developmental Psychology, NYU

Undergraduate Students Mentored

2021 – 2022	Shivani Parulekar
2020 – 2021	Isabella Kasaba, NYU, Honors Thesis
2018 – 2020	Carmen Zhang, NYU, DURF recipient
2018 – 2019	Katarina Clegg, NYU
2017 – 2018	Anty Chen, NYU
2015 – 2016	Krista Frakes, UCLA