

# Brianna Kaplan

## Contact Information:

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## Education:

2018 – present      Ph.D., expected 2023  
New York University, New York, NY  
NYU Infant Action Lab ([nyuactionlab.com](http://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. 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.
2. 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*.
3. 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*.
4. Ogren, M., **Kaplan, B.E.**, Peng, Y., Johnson, K. L., & Johnson, S. P. (2019). Infant Emotion Discrimination from Biological Motion. *Infant Behavior and Development*.

## Manuscripts in Preparation & Under Review:

1. Ossmy, O., Han, D., **Kaplan, B.E.**, Xu, M., Bianco, C., Mukamel, R., & Adolph, K. E. (under review). Looking Without Seeing: Children Do Not Distinguish Efficient From Inefficient Means to Achieve a Goal. *Nature Communication*.
2. **Kaplan, B.E.**, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (in prep). Perceptual-Motor Challenges in Children's Toy Play.
3. **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.
4. Schatz, J., Suarez-Rivera, C., **Kaplan, B.E.**, & Tamis-LeMonda, C. S. (in prep). Better Together: Infant Object Interactions are Longer and More Complex in the Context of Multimodal Joint Engagement.
5. Ossmy, O., **Kaplan, B.E.**, Han, D., Xu, M., Mukamel, R., Adolph, K.E. (in prep). Planning to Plan: Real-time Factors in the Development of Problem Solving.
6. Ossmy, O., **Kaplan, B.E.**, Han, D., & Adolph, K. E. (in prep). Collecting and analyzing EEG data in individual children: Methodological challenges, special considerations, and best practices.
7. Rachwani, J., Hertzburg-Keller, O., **Kaplan, B.E.**, O'Grady, S., Comalli, D. M., & Adolph, K. E. (in prep). The Development of Action Selection: Infant and Adult Perception of Overhead Barriers.
8. Ossmy, O., Cheng, M., Bianco, C., **Kaplan, B.E.**, Adolph, K.E. (in prep). The developmental process in discovering and implementing solutions to problems with hidden demands.

## 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. 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].
2. **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].
3. 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].
4. **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).

5. 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).
6. 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).
7. 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).
8. **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.
9. **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.
10. 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.
11. 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.
12. **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.
13. 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.
14. 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.
15. 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.
16. 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.
17. Ossmy, O., **Kaplan, B.**, Xu, M., & Adolph, K. E. (2018, March). *Development of flexibility in tool use*. Cognitive Neuroscience Society, Boston, MA.
18. 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.

19. **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.
20. 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.
21. 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.
22. 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**

2018 – 2020                      Carmen Zhang, NYU, DURF recipient  
2018 – 2019                      Katarina Clegg, NYU  
2017 – 2018                      Anty Chen, NYU  
2015 – 2016                      Krista Frakes, UCLA