

# Justine Hoch

## Contact Information:

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## Education:

- 2014 – present      Ph.D. expected 2019, Cognition and Perception  
New York University, New York, NY  
NYU Infant Action Lab: <http://psych.nyu.edu/adolph/>  
Advisor: Karen Adolph
- 2008 – 2012        B.S., Psychology: Neuroscience, Philosophy; *magna cum laude*  
Denison University, Granville, OH  
Advisor: Harry Heft

## Research Interests:

Development of perception action systems, exploratory action, eye-tracking, and visual exploration

## Research Experience:

- 2014 – present    Doctoral student, New York University Infant Action Lab, Director: Karen Adolph  
2012 – 2014       Lab Manager, UC Berkeley Early Learning Lab, Director: Fei Xu  
2012                Summer RA, UC Berkeley Gopnik Cognitive Development Lab, Director: Alison Gopnik  
2012                Senior Honors Thesis, Denison University, Advisor: Harry Heft  
2011                Summer RA, Temple University Infant Lab, Advisor: Nora Newcombe  
2010 – 2012       RA, Denison University, Advisor: Harry Heft

## Honors and Awards:

- 2016                Dean's Student Travel Award (\$500)  
2015, 2016        NSF Graduate Research Fellowship Program, Honorable Mention  
2014 – present    McCracken Graduate Fellowship, New York University  
2012                Rita Snyder Thesis Research Award, Denison University  
2012                Sigma Xi Scientific Research Society, Denison University  
2011 – 2012       Earl and Irene Wells Scholarship, Denison University  
2011 – 2012       Psychology Senior Fellow, Denison University  
2011                RA Summer Fellowship, Temple University (\$1,000)  
2010                Inducted to Psi Chi Psychology Honorary, Denison University  
2010                Denison Undergraduate Summer Research Fellowship (\$2,000)  
2009 – 2012       Dean's List, Denison University  
2008 – 2012       Denison University Founders Scholarship (\$92,000)

## Publications:

Hoch, J., Rachwani, J., & Adolph, K. (in prep). Why do infants move? Locomotor exploration is not destination-directed.

Heft, H., Hoch, J., Edmunds, T., & Weeks, J. (2014) Can the identity of a behavior setting be perceived through patterns of joint action? *Behavioral Science*, 4, 371-393.

## Posters and Presentations:

Hoch, J., O'Grady, S., Cheung, S., & Adolph, K. (2017-submitted). Infants' exploration in an empty room versus a toy-filled room: Same quantity, different quality. *Society for Research in Child Development*, Austin, TX.

Hoch, J., Rachwani, J., & Adolph, K. (2017-submitted). Locomotor exploration is more random than destination-directed. *Society for Research in Child Development*, Austin, TX.

Hoch, J., Rachwani, J., & Adolph, K. (2016). Locomotor exploration is not directed toward visible goals. *International Congress of Infant Studies*, New Orleans, LA.

Heft, H., & Hoch, J. (2015). Perceiving places. Paper presented at the meetings of the *International Conference on Perception and*

*Action*, Minneapolis, Minnesota.

**Hoch, J.**, Sim, Z., & Xu, F. (March 2015) Infants use probability cues to guide future exploration. *Society for Research in Child Development Meeting*, Philadelphia, PA.

Ma, L., Berthiaume, V., **Hoch, J.** & Xu, F. (October 2013). Do infants infer intentional agents from the perception of auditory regularity? *Cognitive Development Society Meeting*, Memphis, TN.

Heft, H., **Hoch, J.** & Edmonds, T. (June 2012). Situated action and the affordances of places. *European Workshop on Ecological Psychology*, Madrid, Spain.

## **Students Mentored:**

2016 – present	Rose Egan (NYU)
2015 – present	Sinclair O'Grady (NYU, Honor's Thesis)
2016	Shirley Chung (Summer, Swarthmore)
2015 – 2016	Siffat Islam (NYU)
2013	Sam Clarke (Summer, Oxford)
2013, 2014	Berkeley Early Learning Lab, Summer Internship

Updated: 11/2016