

**Michaela C. DeBolt**  
1443 Wake Forest Drive, Davis, CA 95616  
mdebolt@ucdavis.edu  
612-202-1332

### Education

#### **University of California, Davis**

*Expected 2022*

Ph.D., Developmental Psychology

Advisor: Dr. Lisa M. Oakes

#### **University of Minnesota, Twin Cities**

*Graduated 2014*

Psychology, Bachelor of Science

Thesis: *Long-Term Visual Memory in Autism.*

Advisor: Dr. Yuhong Jiang

### Research Interests

- Individual differences in visual attention and visual short-term memory in infancy.
- Gut-brain axis as related to early infant cognition development

### Honors and Awards

Dean's List, University of Minnesota

2012-2014

Psi Chi, University of Minnesota

2014

### Service

Ad hoc reviewer (co-reviewed)

2014

*Sentience: The University of Minnesota Undergraduate Journal of Psychology*

### Research Experience

*University of California, Davis: Infant Cognition Lab*

*Position: Junior Specialist/Lab Manager*

*Advisor: Dr. Lisa M. Oakes*

*Role:*

- Oversee the day-to-day running of several projects
- Train and supervise research interns
- Observe infant behavior including testing participants in visual attention and visual memory experiments
- Develop procedures for data maintenance and analysis
- Create experimental materials
- Maintain budget and IRB protocols

- Mentor undergraduate students in developing individual research projects leading to poster presentations at the Undergraduate Research Conference, UC Davis

*University of Minnesota: Attention, Memory, and Cognition Lab*

*Position: Research Lab Assistant*

*Advisor: Dr. Yuhong V. Jiang*

*Role:*

- Test children with high functioning autism on visual memory tasks in-home
- Recruit and schedule research participants
- Administer basic IQ testing and autism instruments including ASQ, SNAP-IV
- Conduct visual attention experiments
- Debrief participants on specific aspects of visual attention tasks
- Troubleshoot and editing MATLAB program scripts for current and future experiments

### **Publications**

Jiang, Y. V., Palm, B. E., **DeBolt, M. C.**, & Goh, Y. S. (2015). High-precision visual long-term memory in children with high-functioning autism. *Journal of Abnormal Psychology*, 124(2), 447-456. DOI: 10.1037/abn0000022

**DeBolt, M.**, Roderick, N., Smith, A., Stalling, S. (2014). Music and its effect on the working memory system: The phonological loop. *Sentience: The University of Minnesota Undergraduate Journal of Psychology*.

### **Acknowledgements**

S. Z. Li, Y.V. Jiang. (2016). Components of reward-driven attentional capture. *Attention, Perception and Psychophysics*.

Y.V. Jiang, S. Z. Li, R. W. Remington. (2015). Modulation of spatial attention by goals, statistical learning, and monetary reward. *Attention, Perception, and Psychophysics*.

Y. V. Jiang, H. J. Lee, A. Asaad, R. Remington. (2015). Similarity effects in visual working memory. *Psychonomic Bulletin & Review*.

Y. V. Jiang, B. Y. Won. (2015). Spatial scale, rather than nature of task or locomotion, modulates the spatial reference of frame of attention. *Journal of Experimental Psychology: Human Perception and Performance*.

## Poster Presentations

**M.C. DeBolt**, L.M. Cantrell, S. Mitsven, J.T. Smilowitz, L.M. Oakes. (2017). Influence of delivery mode on visual search in infancy. *Poster presented at the Society for Research in Child Development, Austin, TX.*

A.G. Becker, **M.C. DeBolt**, I. Dwivedi, L.M. Oakes (2017). The role of early experience in the development of attention to facial expressions of emotion in infancy. *Poster presented at the Society for Research in Child Development, Austin, TX.*

**M. C. DeBolt**, L.M. Cantrell, Vo T., L.M. Oakes. (2016). Influence of adult and infant directed face movement and race on visual attention. *Poster presented at the International Congress of Infant Studies, New Orleans, LA.*

Y.V. Jiang, B.C. Palm, **M.C. DeBolt**, & Y.S. Goh. (2015) Cognitive profile of children with high-functioning autism. *Poster submitted to 2015 Minnesota Autism Initiative: A day with experts, Minneapolis, MN.*

Y. V. Jiang, B.E. Palm, C. G. Capistrano, & **M. DeBolt**. (2014). Visual memory in children with high-functioning autism. *Poster submitted to 2014 Vision Sciences Society Annual Meeting, St. Pete Beach, FL, and Presented by Yuhong V. Jiang.*

## Conferences and Seminars

*Society for Research in Child Development; 2017; Austin, TX.*

*International Congress of Infant Studies; 2016; New Orleans, LA.*

*Nutrition and the Developing Mind; 2015; Center for Mind and Brain, UC Davis, CA.*

*Minnesota Autism Initiative: A day with experts.* Dr. Suma Jacobs, Dr. Amy Hewitt, Dr. Sheri Stronach, & Anne Harrington. 2015, University of Minnesota, Minneapolis, MN.

*Graduate Seminar in Neuroscience, Philosophy, and Ethics.* Dr. Shmuel Lissek, 2014, University of Minnesota, Minneapolis, MN.

*Graduate Seminar in Attention and Autism.* Dr. Yuhong V. Jiang, 2013, University of Minnesota, Minneapolis, MN.

*Stress and Early Development.* Dr. Megan Gunnar, 2010, Minnesota Undergraduate Psychology Conference, Macalester College, St Paul, MN.

## Undergraduate Mentoring

2016-

2017 Elsa Berhane. The influence of delivery mode on visual search in infancy. Independent Project and Undergraduate Research Conference poster presentation. UC Davis.

George Myring. Temporal resolution of infant's spatial attention. Independent Project. UC Davis.

2015 Marissa Martinez. Effects of movement on visual short term memory in 4-month old infants. Independent Honors Project and Undergraduate Research Conference presentation. UC Davis.

Jessica Sorenson. Effects of language on infants' scanning of faces. Independent Honors Project and Undergraduate Research Conference poster presentation. UC Davis.

Ila Dwidevi. Visual field bias in a visual search task with emotional faces. Independent Honors Project and Undergraduate Research Conference poster presentation. UC Davis.

## Training and Skills

### **Research:**

- ASQ
- SNAP-IV
- WASI-II
- SMI Eye tracking
- ASL Eye tracking
- Alberta Infant Motor Scale (AIMS) assessment

**Computing:** Microsoft Office suite, Adobe Creative Suite, PsychoPy, working knowledge of MATLAB, PsychToolBox, and Java.

### **Human Subject Training:**

- CITI (Collaborative Institution Training Initiative)
- HIPAA (Health Insurance Portability and Accountability Act of 1996)
- Data Security Training, Securing computer workstation training, Using University Data, Managing Health Data Security, Training Customization Assessment