

# Alex Brohammer

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## Education

Ph.D. Applied Plant Sciences, University of Minnesota, *Expected* 2017. (GPA: 3.92)

M.S. Crop Sciences, University of Illinois, Urbana-Champaign, 2014. (GPA: 3.81)

B.S. Crop Sciences University of Illinois, Urbana-Champaign, 2012. (GPA: 3.55)

## Experience

### *Academia*

Graduate Research Assistant. Dr. Candice Hirsch. Maize Genomics. St. Paul, MN. 2015-Present

Graduate Research Assistant. Dr. Mark Mikel. Maize Genomics. Urbana, IL. 2012-2014.

Student Research Assistant. Dr. Fred Kolb. Small Grains Breeding. Urbana, IL. 2009

### *Teaching*

Teaching Assistant for AGRO 5241- Applied Plant Genomics. University of Minnesota. 2015.

Teaching Assistant for CPSC 116- Global Food Production Web. University of Illinois, Urbana-Champaign.  
2014.

### *Industry*

Research and Development Intern. BASF. Kauai, HI. 2013.

Technology Pipeline Solutions Intern. Monsanto Company. Creve Coeur, MO. 2011.

Product Research and Development Intern. DuPont Pioneer. Ivesdale, IL. 2010.

## Publications

### *Peer-Reviewed Publications*

### *Oral Presentation Abstracts*

Hirsch, CN\*; Hirsch, CD; Brohammer, A; Bowman, M; Childs, K; Soifer, I; Barad, O; Buell, R; de Leon N; Kaeppler, S; Mikel, M. 2015. Insights into the relationship between structural diversity and transcriptional diversity in maize. 57th Maize Genetics Conference. St. Charles, IL. March 12-15.

\* - Presenter

### *Poster Abstracts*

Brohammer, A; Garfin, J; Hunter, C; Koch, K; Hirsch, C. 2015. From Genomic Regions to Individual Genes: Exploring the Genetic Architecture Underlying Seed Size Variation. 57th Maize Genetics Conference. St. Charles, IL. March 12-15.

### Awards and Fellowships

DuPont Pioneer Bill Kuhn Memorial Fellowship, 2015

Applied Plant Sciences Travel Grant, 2015

Dow AgroSciences Fellowship, 2013-2014

Eugene C. Hoerner Memorial Scholarship, 2011

Rex Weller Memorial Scholarship, 2009-2010

### Other Relevant Skills and Experience

Committee Member- UMN Pioneer Plant Breeding Symposium, 2015

Working proficiency with Unix, perl, bash, R, and git.

Experience with sequence analysis tools (alignment and mapping software)

Native in English, with a basic proficiency in Spanish

Last updated: May 27, 2015