

# Gitanshu Munjal

Davis, California

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## Education

Sep 2014  
to  
Present

University of California, Davis  
*Ph.D. student, GGHA, Crop Improvement*

Sep 2011  
to  
June 2013

University of California, Davis  
*B.S. (Honors) Plant Sciences , Plant Breeding & Genetics, GPA 3.6*

- Departmental Citation for outstanding undergraduate performance
- Ming Hop Lee Memorial Scholarship
- Inducted to Phi Sigma (Biological Sciences honors society)
- Dean's Honor Roll list every quarter at Oregon State (5 quarters)
- Drucilla Shepard Smith Scholastic Award (Oregon State)
- Loren. J Smith Agricultural Honors Scholarship (Oregon State)
- Ursula Bolt Knaus Scholarship, Dec 2010

## Work History

Sep 2013  
to  
March 2014

**Breeding Assistant-Silage Corn**  
*Forage Genetics International, Davis, CA*([foragegenetics.com](http://foragegenetics.com))

- Responsibilities included: Database building and management, programming to improve efficiency of inventory and phenotyping operations, operating field equipment, experimental design, data collection and analysis, agronomic field-work, and leading field crews.

Dec 2012  
to  
August 2013

**Undergraduate Intern/Research Assistant**  
*Ross-Ibarra Lab* ([rilab.org](http://rilab.org))  
*Department of Plant Sciences - University of California, Davis*

- Project aimed at genome wide association analysis of maize phenotypes in highland and lowland environments. Responsibilities included: data collection (phenotyping), statistical analysis using R, and maintaining plants in the growth chamber.

Dec 2012  
to  
April 2013

**Undergraduate Intern/Research Assistant**  
*Tomato Genetic Resources Center*([tgrc.ucdavis.edu](http://tgrc.ucdavis.edu))  
*University of California, Davis*

- Project aimed at analyzing crossing relationships in tomato species. Responsibilities included: pollination, floral harvest, and scoring pollen tubes in styles using fluorescence microscopy.

July 2012  
to  
August 2012

**Research Trainee**  
*Chia Tai Seeds Company, Thailand*([chiataigroup.com](http://chiataigroup.com))

- Trained in cultivation, management, and breeding techniques for various vegetable crops at three research stations in different parts of Thailand.

- Jan 2012  
to  
Jun 2012
- Undergraduate Intern/Research Assistant**  
Zakharov Lab([Website](#))  
*Department of Plant Sciences - University of California, Davis*
- Project aimed at understanding the molecular pathways underlying aroma compound synthesis in cantaloupes. Responsibilities included: Tissue culture, DNA & RNA isolation, maintaining plants in the greenhouse, pollinating flowers, and harvesting fruit.
- Jan 2011  
to  
Mar 2011
- Laboratory Assistant**  
*Department of Horticulture - Oregon State University*
- Ornamental plant breeding program (Thuja species). Responsibilities included: Flow cytometry, laboratory and greenhouse management.
- Jun 2010  
to  
Sep 2010
- Industry Trainee**  
*National Seed Corporation of India- Delhi, India*
- Successfully completed the "Seed Quality Control" and the "Marketing of Seeds and Planting Materials" training programs.
- Apr 2010  
to  
Jun 2010
- Greenhouse Technician**  
*Department of Horticulture - Oregon State University*
- Hazelnut breeding program. Responsibilities included: transplanting operations, and setting up drip irrigation systems.

## Skills

- Strong foundation in plant science, genetics, & statistics
- Experience working with databases, statistical programs (SAS and R), & office software.
- Experience working with field equipment & leading crews.
- Knowledge of five languages (Hindi, English, French, Punjabi, Sanskrit).