

Gitanshu Munjal

Davis, California

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Education

Sep 2014
to
Dec 2017

University of California, Davis

Ph.D. student, GGHA, Crop Improvement, GPA 3.92

- Henry A. Jastro Research Award
- Horticulture & Agronomy Graduate Fellowship (Spring 2015)
- Horticulture & Agronomy Graduate Fellowship (Fall 2014)

Sep 2011
to
June 2013

University of California, Davis

B.S.(with 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 (Oregon State)

Work History

Jan 2018
to
Present

Research Lead

*Rama Krishna Hybrid Seeds
Delhi, India*

Jan 2015
to
Dec 2017

Graduate Student Researcher

Brummer Lab

Department of Plant Sciences-University of California, Davis

- Project aimed at dissecting the genetic control of autumn dormancy in autotetraploid alfalfa *Medicago sativa* using selection mapping and genome-wide association mapping approaches.

Sep 2013
to
March 2014

Breeding Assistant-Silage Corn

Forage Genetics International, Davis, CA (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)

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 <i>Tomato Genetic Resources Center (tgrc.ucdavis.edu)</i> <i>University of California, Davis</i> <ul style="list-style-type: none"> 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 <i>Chia Tai Seeds Company, Thailand (chiataigroup.com)</i> <ul style="list-style-type: none"> 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 <i>Zakharov Lab (website)</i> <i>Department of Plant Sciences - University of California, Davis</i> <ul style="list-style-type: none"> 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 <i>Department of Horticulture - Oregon State University</i> <ul style="list-style-type: none"> Ornamental plant breeding program (Thuja species). Responsibilities included: Flow cytometry, laboratory and greenhouse management.
Jun 2010 to Sep 2010	Industry Trainee <i>National Seed Corporation of India- Delhi, India</i> <ul style="list-style-type: none"> Successfully completed the "Seed Quality Control" and the "Marketing of Seeds and Planting Materials" training programs.
Apr 2010 to Jun 2010	Greenhouse Technician <i>Department of Horticulture - Oregon State University</i> <ul style="list-style-type: none"> Hazelnut breeding program. Responsibilities included: transplanting operations, and setting up drip irrigation systems.

Involvements

- Web Master, Graduate Group in Horticulture & Agronomy ([website](#))
- Outreach Coordinator, Graduate Group in Horticulture & Agronomy
- Organizing Committee Member, 2016 UCD Plant Breeding Symposium
- Organizing Committee Chair, 2017 UCD Plant Science Symposium
- Web Design, UCD Plant Science Symposium (plantsciencesymposium.ucdavis.edu)

Skills

- Strong foundation in plant science, genetics, & statistics
- Extensive 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).