

Frances Rond

790 Alwin Drive, Dixon, CA 95620

(209)612-6054

fjrond@ucdavis.edu

OBJECTIVE:

To work in and support the seed industry's research and development department and to apply my experience to further the development of my skills while improving their seeds and/or seed technology products.

EDUCATION:

Doctorate Student, Agronomy and Horticulture
University of California, Davis, Jan 2010-June 2010

Masters of Science, Plant Science
California State University, Fresno, Dec 2009

Bachelors of Science, Plant Science
California State University, Fresno Dec 2007

Related Course Work: Agric Econ, Agric Water/Irrigation Scheduling, Animal Sci, Biochem, Biology, Biometrics, Veg Sci, Crop Growth/Development, Crop Improvement/Genetics, Crop Physiology, Entomology, Fruit Sci, Microbiology, Micropropagation, Organic Chem, Pesticides, Plant Breeding, Plant Nematology, Plant Pathology, Plant Propagation, Research Development, Research Perspectives, Row Crop, Statistics, Soils, Soil Sci, Soil/Water Relation, Spatial Tech/ArcGIS, Tractor Driving/Maintenance, Turfgrass, Veg Genomic, Weeds.

EXPERIENCE:

Graduate Research Assistant, Seed Biotechnology Center, University of Cal, Davis (01/2010-06/2010)
Researched to see if the gene expressions (i.e. dormancy) in lettuce seed development had a maternal environmental influence. Increased and maintained parent populations, collected and evaluated the research data. Conducted DNA and seed quality analyses. Developed public speaking skills.

Biological Science Technician, USDA-ARS National Arid Land Plant Genetic Resource Unit (04/2008-12/2009)
Maintained plant and seed stock, hand cross-pollination, evaluated plant descriptors, and performed seed quality analysis. Conducted research on seed dormancy and germination after phytohormone or fungicide treatments. Collected and evaluated research data. Ensured that proper chemical safety procedures were taken.

Technician and Teacher Assistant, Cal State University, Fresno (09/2008-11/2009, 09/2006-05/2007)
Volunteered to assist colleagues and teachers with their research projects in embryogenesis and fertigation. Developed, taught and directed undergraduate lectures and lab exercises. Co-lead fieldtrips and aided in high school outreach events.

Soil Conservation Technician, USDA-NRCS (05/2007-08/2007)
Handled conservation planning and financial assistive planning in conservation tillage, dairy, irrigation, and range management systems for farmers and land owners. Gathered and analyzed data.

Sales Associate, Home Depot (03/2006-09/2006)
Guided and informed customers on garden products, plants, and machinery. Maintained the garden plants and developed effective garden and in-store displays. Drove a forklift to move merchandise around.

Assistant Lab Technician, Cal State University, Fresno Graduate Laboratory (9/2004-10/2005)
Preformed research in plant and soil effects in saline irrigated soils. Worked in conjunction with the California Department of Water Resources and Center for Irrigation Technology. Collected and evaluated research data. Guaranteed that appropriate chemical safety procedures were used.

Field Scout, Agricultural Advisory Services (06/2004-08/2004)

Conducted integrated pest management practices under a pest control advisor in tomato, alfalfa and bean fields. Collected insect, plant pathogen and weed samples and data.

General Clerk, PDM Steel Company (08/2003-11/2003)

Performed office tasks; processed checks, data entry, maintained accounting records, organized files, processed mail, and served as a switch board operator.

Military Police, California Army National Guard (12/2000-04/2002)

Maintained and operated weapons and machinery, performed security operations, and wrote police reports. Trained in war tactics, emergency strategy, and survival skills.

SKILLS:**Laboratory, Field, Machinery, and Research:**

Aware of designing, setting-up, and conducting greenhouse, and field experiments. Proficient at collecting and keeping accurate laboratory records, and chemical/biological inventory. Verse in taking and preparing agricultural samples. Knowledgeable in the laboratory, and pesticide safety. Ability to conduct seed cleaning, fungicide treatments, and phytohormone treatment. Skills to conduct DNA, seed quality, soil, and water analysis. Talent in embryogenesis, micropropagation, plant propagation, and microbiology techniques. Proficient in sterile laboratory techniques. Knowledge and experience in integrated pest management. Familiar with identification of insects, nematodes, weeds, and plant pathogens. Experience in tractor and forklift operations.

Management, Communication, and Education:

Effective at conducting scientific research to clearly writing scientific papers, reports, and presentations. Valuable skills in organizing and running meetings and effectively presenting presentations and public speaking. Able to effectively communicate with coworkers and clients. Experience in supervising, training, and educating individual. Capable to facilitate small group, fieldtrip, and laboratory activities and exercises.

Computer Programs:

Proficient in Microsoft Office Excel, Outlook, Picture Manager, PowerPoint, and Word. Familiar with ArcGIS, ArcMap, Dairy Planning Tool, Germplasm Resource Information Network, Manure Mgmt Plan, Photoshop, Revised Universal Soil Loss Equation 2, Soil Web Survey, SPSS Statistics, and Toolkit.

COMMUNITY AND EDUCATION ACTIVITIES:

College Ministry, University Covenant Church, 2010-Present

Volunteer for Various Activities, Plant Science Department, University of California, Davis, 2010-Present

Volunteer for Various Activities, Plant Science Department, California State University, Fresno, 2005-2009

Various Leadership Roles, People's Church and Well Community Church, 2005-2009

Vice President, Students for Environmentally Responsible Agriculture, 2007-2009

Various Leadership Roles, Campus Crusade for Christ, Fresno, 2004-2005

ACADEMIC AWARDS:

Cal Seed Assn Scholarship (2007-2009), CANERS Foundation Scholarship Award (2008), Dean's List (2002-2004, 2006, 2007), Golf Course Superintendent's Assn of Central Cal Scholarship (2007), Grad Equity Fellowship (2008), Grad Student Res Assistantship (2010), Grad Res & Creative Activities Symposium (2009), Leon S Peters End-Agric Scholarship (2005), Pacific Seed Assn Scholarship (2010), Plant Sci Dep Assistantship (2009), Robert & Norma Craig Grad Fellowships (2008), Tokalon Alumnae Scholarship (2007), Tom Ishimoto Memorial Agric Scholarship (2006), and, Valley Growers Local Sunsweet Scholarship (2007).

SOCIETIES:

American Phytopathological Soc, American Soc for Horticulture Sci, American Soc of Agronomy, Cal Assn for Pest Control Advisers, Crop Sci Soc of America, Plant Growth Regulation Soc of America, Soil Sci Soc of America, Soil & Water Conservation Soc, Tokalon Alumnae, and Western Regional Seed Physiol Res Group.