Position Description

We are seeking 1-2 highly motivated undergraduates with an interest in biotechnology and/or bioinformatics for a part-time research assistant appointment starting in fall term 2019. Key skills desired and that will be expanded as part of the assistantship are in vitro biology (tissue culture, genetic transformation, microscopy, PCR) and/or bioinformatics, including an ability to perform analyses in R and/or Python, and access diverse genomic databases. The assistantships are part of a large National Science Foundation project to develop novel phenomic and GWAS methods to map genes that control amenability to plant regeneration and transformation. (See here for more information: http://people.forestry.oregonstate.edu/steve-strauss/genes-affecting-plant-regeneration-and-transformation-poplar). Students seeking academic credit for research, and research experience in preparation for graduate school, are strongly encouraged to apply. Students can obtain both academic credit and hourly pay for their work.

Position duties

100% Work under the supervision of a research associate conducting a variety of tasks necessary to the functions of the laboratory, greenhouse, and field research. Duties vary depending on project needs and may include plant tissue culture (propagation, subculture, and transformation using agrobacterium), basic molecular biology, using computer software, collecting data, entering data, preparing media, washing dishes, watering plants, pest management, and other duties as needed.

How to Apply

If interested, please send an email to Steve.Strauss@OregonState.Edu that includes a summary of your experience and career interests, and how many hours per week you wish to work in fall term. Please provide a resume and copy of transcript, as well as a 100-200 word statement of experience and interest.