UNDERGRADUATE INTERNSHIP AVAILABLE TO WORK IN BLUEBERRY GENETICS AND GENOMICS LABORATORY

We are seeking to recruit two undergraduate interns to work on molecular genetics of blueberry. Our lab primarily focuses on improving blueberries for its quantitative and qualitative characteristics. We use various molecular, genetic, and genomic tools to achieve these goals.

The selected candidate will work on one of the following projects.

1) Study the molecular phylogeny and genetic diversity among the cultivated blueberries.
2) Understand the cause of high frequency of unreduced gamete formation in some blueberry cultivars.

The intern is expected to dedicate 5-10 hours per week to the project. The exact schedule can be discussed in person to accommodate your availability and interests. You will learn how to: extract DNA and RNA from plant material, design primers, polymerase chain reaction (PCR), gel electrophoresis, bioinformatics analysis and interpretation of the results by the end of the project. You should be willing to take an online EHS safety training test before start working in the lab.

Interested candidates should contact Dr. Hamid Ashrafi (hamidashrafi@ncsu.edu). Please send a copy of your CV along with a statement describing your ambitions and goals.

For more information about blueberry genetics and genomics laboratory please visit https://blueberry.cals.ncsu.edu/.