

## MS Graduate Assistantship

### Soil movement of nutrients under subsurface irrigation in vineyards

*Department of Crop and Soil Sciences*

*Washington State University, Pullman, WA*

#### **Description of the Opportunity:**

One M.S. research assistantship in Soil Science is available in the Department of Crop and Soil Sciences at the Washington State University, Pullman, WA. The project addresses whether direct root zone subsurface irrigation can reduce the nitrogen required to meet grape quality and yield goals and reduce N leaching loss. The research will be conducted in established vineyards near Richland, WA. Study will include assessment of vine health and nitrogen leaching through soil and water sampling in the field and analyses at WSU campus.

#### **Desired Qualifications:**

The applicants must have B.S. degree in Viticulture & Enology, Horticulture, Soil Science, Agronomy, Crop Science, Environmental Science or closely related fields. Applicants should also have excellent oral and written communication skills. Student will be required to drive long distances to field location for data collection and should obtain a valid Washington driver's license shortly after arriving at WSU Pullman campus. Preference will be given to applicants with demonstrated experience and interests in conducting field-based on-farm research, designing and conducting laboratory experiments, collaborative and independent, publishing research findings, mentoring undergraduate students.

#### **Contact:**

Please contact Dr. Pete Jacoby [jacoby@wsu.edu](mailto:jacoby@wsu.edu) or Dr. Haiying Tao [haiying.tao@wsu.edu](mailto:haiying.tao@wsu.edu).

#### **Apply:**

Interested persons should apply to the Department of Crop and Soil Sciences (CSS). Please visit CSS at <http://css.wsu.edu>. The priority application deadline for Fall 2021 entry is January 8, 2021.

**Assistantship Details:** Graduate assistantships (research and teaching) are formal half-time, academic-year appointments accompanied by a summer stipend, with annual compensation of \$22,572 (MS) or \$23,754 (PhD). Graduate assistants also receive tuition waivers, as well as comprehensive health (medical/dental) insurance, and are eligible for additional support through scholarships, fellowships and travel grant awards. Qualifying recruits may be eligible for the **prestigious ARCS fellowship** of \$17,500 beyond the base assistantship stipend.

