CALS NYS Internship Program  
Internship Position Description

1. The name of the sponsoring organization: Hudson Valley Agricultural Research Laboratory

2. Background: The Hudson Valley Research Laboratory (HVRL Inc.) is a not-for-profit for organization located on a 30-acre research orchard in the heart of the tree fruit growing region in Highland, NY. Our research and extension outreach program is directed by Cornell University’s College of Agriculture and Life Science. We are a branch of the New York State Agricultural Experiment Station in Geneva, NY, focused on solving practical field production problems for the tree fruit, small fruit, grape and vegetable industry. The cooperative partnership with the College of Agriculture and Life Science (CALS) and Cornell Cooperative Extension (CCE) has provided agricultural Research and Extension in the Hudson Valley since 1923 with research-based information provided to New York farmers through educational programs organized by Cornell Cooperative Extension and participating associations. Research from the Hudson Valley Lab provides farmers with science-based evidence on effectiveness of new production methods that meet the stringent environmental standards required for modern agriculture. Programs at Hudson Valley Lab are especially important to sustained viability of fruit farms in the Hudson Valley, and a viable agriculture is ultimately the best way to preserve open space in the rapidly developing corridor between Albany and New York City.

3. Internship Position Name/Title: Grape Varietal Research Internship

4. Internship Position / Project Context: The intern will utilize audio and video technologies to document the development of Pino Noir and Cab Franc in Hudson Valley vineyard production systems. The intern will provide education and related resources concerning production guidelines in on-demand seminars and on-farm events to introduce the Pino Noir varietal clones to Hudson Valley grape growers.

5. Internship Position Description: The intern will develop skills in creating computer generated PowerPoint presentations on Pino Noir varietal clones grown on the HVRL experimental orchard. The intern will capture both audio and video in the field to develop on-demand WebEx seminars on training and fruiting systems using Pino Noir varietal clones, vegetative and fruiting attributes, posted on the HVRL web site. The intern will attend agricultural field workshops to present information on Pino Noir varietal clones management strategies. The intern will work with his or her supervisor to create a plan of work to accomplish the goals of this position within the ten-week internship program time-frame.

6. Basic Qualifications and Preferred Experience: The intern should possess a background in agriculture, environmental science or general biology with a working knowledge of computer skills. The intern should have experience using Microsoft Office for PowerPoint digital slide production, audio and video software for production and editing with skills to develop Internet website based platform for video to reside.
7. **Internship Schedule:** The HVRL employs a number of summer technicians to assist the intern in developing knowledge of the entomology program while providing the intern with the needed support for them to carry out agricultural and public community outreach programming. 32 hours (80%) of a standard forty-hour work week will be devoted to Agricultural Invasive Species Outreach Educator internship position requirements; 8 hours (20%) to the CALS community engagement project for a total of ten weeks. It is preferred that this 20% be taken as either one eight-hour day or two four-hour days, but the host can be flexible in this regard.

8. **Expected Outcomes (for intern):** The intern will develop in-depth skills in communicating the key aspects of this project to growers and a public audience, many of who have little knowledge of agriculture. The intern will also increase their knowledge of technical expertise in developing internet-based on-demand educational materials while increasing their confidence in public speaking in field meetings.

9. **Location of Assignment:** The Hudson Valley laboratory location is along the Hudson River, midway between NYC and Albany. The working location is Hudson Valley Agricultural Research Lab, P.O. Box 727, 3357 Rt. 9W, Highland, NY 12528

10. **Other:** The intern should be physically fit, able to carry video production and computer equipment in and out of agricultural settings.

The Hudson Valley Research Laboratory has been owned by regional tree fruit producers since 1963, directed by a 7-member board as a non-profit 501 (3) C for the sole purpose of conducting scientific agricultural research.