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 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: Agricultural Invasive Species Outreach Educator.

4. Internship Position / Project Context: The agricultural invasive species (AIS) educator will utilize audio and video technologies to develop community outreach to increase awareness of invasive species and the impacts that they can have in agricultural production systems. The AIS Educator will provide education and related resources concerning key invasive species pests and develop on-demand seminars and on-farm events to introduce growers and non-agricultural community members to the biology and concerns invasive species pose to agriculture and the community.

5. Internship Position Description: The intern will develop skills in creating computer generated PowerPoint presentations on key agriculturally invasive insect species of the region. The intern will capture both audio and video in the field to develop on-demand WebEx seminars on agriculturally invasive insect species, posted on the HVRL web site. The intern will attend agricultural field workshops to present information on invasive insects while capturing field video of biology, life cycle and management strategies in tree fruit and vegetable commodities. 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 and a desire to develop the skill set needed to capture audio and video for production and editing.
7. **Internship Schedule:** The HVRL employs a number of summer interns and will assist the intern in developing knowledge of the entomology program while providing the intern with the needed support for them to carry out 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 basics of agricultural insect pest management issues to a public audience, many of who have little knowledge of agriculture or agricultural invasive insect species. Specifically, the goal will be to convey to the community a learned knowledge of the use of organic production systems including OMRI certified biological control use for managing agricultural invasive insect species. 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.