



Assistant/Associate Professor in Grape Disease Ecology & Epidemiology

Plant Pathology and Plant-Microbe Biology Section
School of Integrative Plant Science
Cornell University
College of Agriculture and Life Sciences
New York State Agricultural Experiment Station
Geneva NY 14456

Effort distribution: 60% research, 40% extension

Position description: The position has responsibility for generating and disseminating knowledge concerning the biology, ecology, and management of grapevine diseases. Although the primary programmatic focus should be on fungal diseases important to the commercial grape industry of New York and surrounding regions, additional cooperative work on relevant diseases caused by viruses, bacteria, or other agents is appropriate. It is expected that the successful applicant will develop a nationally and internationally recognized research program whose output will increase our basic understanding of various factors impacting the development of grapevine diseases and the tools used for their control, thereby providing a foundation for the development of improved management programs. Appropriate disciplinary specialties of the successful applicant include but are not limited to infection biology, population genetics, genome biology, host-pathogen interactions, epidemiology, disease modeling, integrated pest management and sustainability. An ability to work as part of an interdisciplinary team that includes other plant pathologists, viticulturists, plant breeders, entomologists, economists, and enologists is required. In the extension function, the successful applicant will assume leadership of Cornell's outreach program in grape pathology, maintaining its integration within the larger, interdisciplinary Viticulture and Enology extension program. A dedication to providing practical, science-based information on disease diagnosis and sustainable management programs is essential, as is an ability to work with a diverse range of colleagues and stakeholders, including growers, extension educators, private-sector advisors, agrichemical and other industry support personnel, government regulators, and the general public. Good communication skills, both oral and written, are required. A predilection to deliver information through both traditional and modern communications media is highly desirable. The successful candidate will also be expected to contribute lectures on plant pathology topics in an interdisciplinary, team-taught undergraduate course in Grape Pest Management, currently offered one semester each year.