

Faculty Position Available

Tree Fruit Entomologist
Cornell AgriTech, Cornell University
Geneva, New York

Position: Assistant/Associate Professor, Tenure-track.

Location: Cornell AgriTech, Geneva, NY 14853-5701. The academic home for this position is the Department of Entomology in the College of Agriculture and Life Sciences, housed on both the Ithaca and Geneva campuses of Cornell University.

Position Description and Responsibilities:

The Department of Entomology at Cornell University, dedicated to rigorous scholarship and education with a commitment to diversity, equity, and inclusion, seeks to fill a tenure-track position in tree fruit entomology at the Assistant or Associate Professor level. The successful candidate will be physically located at Cornell University's AgriTech campus. Cornell AgriTech, located in Geneva, NY, is a preeminent center for agriculture & food research that delivers practical solutions to help farmers and businesses thrive. This position has an effort split of 60% research and 40% extension on a 9-month academic year basis.

The Department is seeking a scientist and extension educator whose training, experience, and interests will allow them to develop a well-funded, innovative, and impactful research and extension program in tree fruit cropping systems. The candidate must be committed to solving arthropod pest problems in apples and other tree fruit crops by developing integrated, practical, and durable pest management solutions. There are several programs in New York that provide tree fruit extension programming including the New York State IPM program, Cornell Cooperative Extension, and programs at outlying facilities (e.g., the Hudson Valley Laboratory). The successful candidate will be expected to work with these programs to deliver integrated, relevant, up to date information on the biology and management of important arthropod pests within an IPM framework. There is an expectation to mentor graduate students and contribute to teaching through occasional guest lectures. The successful candidate will have opportunities to create interdisciplinary collaborations with biologists, engineers, and economists at Cornell.

We enthusiastically seek applications from candidates of all backgrounds, particularly those who are under-represented in science and engineering fields. We have a vibrant departmental culture that values inclusion, diversity, equity, and integrity.

Responsibilities:

Research (60%) – The successful candidate will be expected to develop an externally funded research program that addresses the management of important arthropod pests of tree fruit crops using a diversity of approaches as necessary to advance durable pest management solutions promoting a sustainable tree fruit industry. Different types of expertise will be considered that can contribute to improved management of tree fruit arthropods including, but not necessarily limited to, insect-plant interactions, microbe-insect interactions, landscape ecology, chemical ecology, and quantitative ecology. While experience in tree fruit systems is not required, the candidate must be committed to solving arthropod pest problems in apples and other tree fruit crops of relevance to New York agriculture.

Extension (40%) – The candidate will lead the tree fruit entomology extension program to develop and deliver current and relevant information on arthropod pest management for tree fruit crops in New York, working closely with other Cornell faculty, NYS IPM Program, the highly regarded Cornell Cooperative Extension Fruit Teams located in the major tree fruit growing regions in the state, including personnel and facilities at the Hudson Valley Research Laboratory, and directly with stakeholders and their associations and governing bodies. The successful candidate is expected to seek out and engage with stakeholders from diverse backgrounds through varied routes of communication and must develop a strong digital presence, including social media platforms. Stakeholders include experienced growers and consultants, experienced farm workers and farm managers transitioning to owning farms and beginning growers and consultants. The candidate will be expected to document the impact of their extension program through online and in-person surveys, real-time polling tools, and other methods.

Teaching - There is no formal teaching assignment with this position although there is an expectation that the successful candidate will contribute guest lectures where relevant.

Mentoring – There is an expectation that the successful candidate will mentor graduate students, postdocs, and staff in their lab. There will also be opportunity to mentor undergraduate students as part of [Cornell AgriTech's Summer Research Scholars Program](#), a highly successful and unique internship program that provides hands-on research experience for undergraduate students from diverse backgrounds. The candidate will be responsible for establishing an inclusive, equitable and productive working environment, and respectful mentor-mentee relationships that support the needs and goals of mentees.

Service – There is an expectation for the candidate to be engaged in professional societies as well as activities and leadership roles at AgriTech, the Department of Entomology and Cornell Cooperative Extension.

Qualifications:

A Ph.D. in entomology or a related discipline with a background applicable to the development of the research, extension and mentoring programs described above. A commitment to applied agricultural research, and to the development of multidisciplinary team-based research and extension programs is essential.

Applications and Starting Date: Anticipated starting date is August 2021 or as negotiated. Applications should include 1) a cover letter briefly summarizing background, qualifications and interest in position, 2) CV, 3) a research statement outlining experience, interests, and goals, 4) an extension statement outlining experience, interests, and goals, 5) copies of four relevant publications, 6) a [diversity statement](#) outlining how, through research, extension, mentoring, and/or service, the candidate has and will contribute to diversity, equity and inclusion in support of Cornell's mission of "any person...any study," 7) names of three references, and 8) unofficial transcripts. Materials should be submitted online to: <https://academicjobsonline.org/ajo/jobs/18192> Applications will be reviewed starting April 1 and will be accepted until the position is filled.

Inquiries may be directed to:
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Cornell AgriTech

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Department Affiliation: The successful candidate will be a faculty member of the Cornell University College of Agriculture and Life Sciences, and will be based in the [Department of Entomology](#) with office and laboratory located at [Cornell AgriTech](#) in Geneva, NY (please read more about AgriTech at [Grow With Us](#)). Cornell AgriTech has excellent facilities and infrastructure in support of its research and education mission including over 800 acres of research farms, state of the art greenhouses and walk-in and reach-in growth chambers, modern laboratory space and recently renovated space for in-person and remote learning. Geneva, located at the north end of Seneca Lake in the midst of the beautiful Finger Lakes region about 50 miles from the Ithaca campus, is a friendly, small city with a vibrant downtown area (see [Visit Finger Lakes](#)).

A mentoring program for new faculty provides guidance and support in developing their programs, understanding college and department expectations for reappointment and promotion, and ways they may have successful and satisfying careers.

The College of Agriculture and Life Sciences is a pioneer of purpose-driven science and Cornell University's second largest college. We work across disciplines to tackle the challenges of our time through world-renowned research, education, and outreach. The questions we probe and the answers we seek focus on three overlapping concerns: natural and human systems; food, energy, and environmental resources; and social, physical, and economic well-being.

The College of Agriculture and Life Sciences at Cornell embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty, and staff of all identities and backgrounds. We strongly encourage individuals from underrepresented identities to apply. The Department of Entomology and CALS at Cornell embrace diversity and seek candidates who will create a climate that attracts students of all races, nationalities, sexual orientations, and gender identities. Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations.

Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the university's mission of teaching, discovery, and engagement.

Cornell University seeks to meet the needs of dual career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual career searches. Visit [Higher Education Recruitment Consortium](#) to see positions available in higher education in the upstate New York area.

The new faculty member will join a collaborative, interdisciplinary community in Geneva, NY. Cornell and Geneva are family-friendly communities: Cornell has a comprehensive set of policies,

services, and benefits to help you and your family to feel welcome here, to support your well-being, and to support you in caring for your family. Visit the [Family Life Resources](#) website for more details.

Cornell's global presence includes the medical college's campuses on the Upper East Side of Manhattan and Doha, Qatar, as well as the Cornell Tech campus on Roosevelt Island in the heart of New York City.