CORNELL COOPERATIVE EXTENSION PROGRAM / STAFF REFERENCE DIRECTORY

As of July 2020
Adapted with Permission from the Putnam County Program Staff Reference Directory
# Cornell Cooperative Extension Program and Staff Directory

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**Date:** 7/7/20
DEPARTMENT OVERVIEWS

CORNELL COOPERATIVE EXTENSION

Direction

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<th>Name</th>
<th>Phone</th>
<th>Email</th>
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</thead>
<tbody>
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<td>Christopher Watkins,</td>
<td>(607)255-</td>
<td><a href="mailto:chris.watkins@cornell.edu">chris.watkins@cornell.edu</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Director, Cornell</td>
<td>8546</td>
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<td>Cooperative</td>
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<td></td>
<td>Extension</td>
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</tr>
<tr>
<td></td>
<td>Sarah Dayton,</td>
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</tr>
<tr>
<td></td>
<td>Associate Director,</td>
<td>5899</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Cornell Cooperative</td>
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Mission

Cornell Cooperative Extension puts knowledge to work in pursuit of economic vitality, ecological sustainability and social well-being. We bring local experience and research based solutions together, helping New York State families and communities thrive in our rapidly changing world.

Overview

- **Agriculture and Food Systems** - Cornell Cooperative Extension links the research and extension efforts at Cornell University, the Cornell University Agricultural Experiment Station and the New York State Agricultural Experiment Station, providing the knowledge to maximize New York State’s agricultural and natural resources. CCE’s regional agriculture teams provide research-based information, programs, and technical assistance to dairy, field crops, vegetable, tree fruit and grape producers all around the state.

- **Community and Economic Vitality** - Cornell Cooperative Extension’s community and economic vitality programs build the capacity of New York State communities to engage in and direct their own futures. Associations partner with campus faculty and staff, local officials, not-for-profits, colleges, planners, policymakers, and community leaders. Research-based education is aimed at empowering individuals and communities to make sound decisions.

- **Environment and Natural Resources, Sustainable Energy, and Climate Change** - Cornell Cooperative Extension’s environment and natural resources programs are designed to help individuals and communities engage in long term plans to sustain the quality and diversity of the natural assets in New York State. Research-based education is focused on conserving and protecting the environment, boosting sustainable energy and mitigating climate change.

- **Nutrition, Food Safety and Security, and Obesity Prevention** - Partnering with the College of Human Ecology outreach centers, institutes and departments, Cornell Cooperative Extension nutrition programs connect research and practice, are highly collaborative, build on community strengths, and provide knowledge for policymakers. Research-based education is focused on reducing childhood obesity, improving nutrition, and increasing food security and safety.
• 4-H Youth Development and Children, Youth, and Families - Cornell Cooperative Extension programs are designed to improve the quality of life for all New York State residents. 4-H Youth Development programs align with the national 4-H mission mandates. Family programming addresses support and care at all stages in the life course. Research-based education is focused on improving the social and economic well-being of individuals, families, and communities.

Local Offices

With a presence in every county and New York City, CCE puts research into practice by providing high-value educational programs and university-based resources that help solve real-life problems.
NATURAL RESOURCES

Direction

Patrick Sullivan,  
Natural Resources  
Department Chair

(607)-255-8213  pjs31@cornell.edu

Paul D. Curtis,  
Natural Resource  
Dept. Extension  
Leader (DEL)

(607) 227-5927  PDC1@cornell.edu

Mission

The Department of Natural Resources creates knowledge and facilitates learning to improve society’s stewardship of the environment and promote a conservation ethos for a sustainable planet.

Overview

Specific programming areas are grouped within five broad categories which address relevant issues statewide. These focus areas are:

- Citizen Science & Civic Ecology – bringing people, nature and science together
- Ecology and Management of Landscapes – providing information for landowners, municipalities & others on topics pertaining to forestry, maple, water resources, invasive pests
- Fish and Wildlife Biology and Management – research on wildlife damage, information on fish and wildlife
- Human Dimensions – bridging natural resources and human interactions
- Youth/4H in Natural Resources – supporting youth programming in environmental education

People

Our students, faculty, partners and outreach program participants explore issues related to biodiversity, ecosystem integrity, climate change, and natural resources management, often in partnership with local groups, state agencies, and national and international environmental organizations. Through diverse education, experience and research opportunities, the Department of Natural Resources offers numerous ways for students, scientists, and citizens to be part of a vital and growing field focused on environmental science and sustainability.

Mailing Address

Cornell Cooperative Extension  
Department of Natural Resources  
214 Fernow Hall  
226 Mann Drive  
Ithaca, NY 14853
## SCHOOL OF INTEGRATIVE PLANT SCIENCE (SIPS)

### Direction

<table>
<thead>
<tr>
<th>Profile</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
<td><strong>Executive Committee</strong></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Christine Smart, SIPS</td>
<td>(315) 787-2441</td>
<td><a href="mailto:cds14@cornell.edu">cds14@cornell.edu</a></td>
<td>Fungal and bacterial plant pathogens</td>
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<tr>
<td></td>
<td>Council of Extension Leaders</td>
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<td>Vegetable pathology</td>
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<td>Vegetable disease management</td>
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<tr>
<td></td>
<td>Stephen Reiners, Chair</td>
<td>(315) 787-2311</td>
<td><a href="mailto:sr43@cornell.edu">sr43@cornell.edu</a></td>
<td>Cultural methods to grow crops, i.e., fertility management</td>
</tr>
<tr>
<td></td>
<td>Horticulture Section</td>
<td></td>
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<td>irrigation, optimizing plant populations and variety selection</td>
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<td></td>
<td>Nutrient recycling</td>
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<tr>
<td></td>
<td>Jocelyn Rose, Chair Plant</td>
<td>607-255-4781</td>
<td><a href="mailto:Kv35@cornell.edu">Kv35@cornell.edu</a></td>
<td>Horticulture</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>Plant Pathology and Plant-Microbe Biology</td>
</tr>
<tr>
<td></td>
<td>Jeffrey Doyle, Chair Plant</td>
<td>(607) 255-2180</td>
<td><a href="mailto:Jjd5@cornell.edu">Jjd5@cornell.edu</a></td>
<td>Alfalfa</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td>B. Gillian Turgeon, Chair</td>
<td>(607) 254-7458</td>
<td><a href="mailto:bgt1@cornell.edu">bgt1@cornell.edu</a></td>
<td>Microbiology</td>
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Mission
The School of Integrative Plant Science (SIPS) was created in June 2015 by bringing together five departments within the College of Agriculture and Life Sciences under one administrative home. Its vision is “Discovery that connects: new insights for better plants, sustainably grown, serving the world.” In the coming decades, the world must arrive at solutions to the major challenges of feeding a burgeoning population, mitigating and adapting to climate change, and preserving biodiversity and essential ecosystem functions. Plants underpin all agricultural and natural ecosystems and environmental impacts on plant systems will cascade at local, regional, national, and international scales. But plants will also be the basis for solutions. Innovative approaches and revolutionary breakthroughs in plant sciences will be used to meet these challenges and help secure a sustainable future for coming generations.

Overview
• Horticulture-focus on generating and extending knowledge about fruits, vegetables and landscape plants, sustaining the environment, enhancing economic vitality, and improving the quality of life of individuals and their communities.
• Plant Biology - Without plants, life on earth would cease to exist. Plants shape our environment and provide us with food, loss of biodiversity, and new and evolving diseases are threatening both the health of the planet as well as human health and well-being. Research in the plant sciences is greatly significant in addressing aspects of each of these issues.
• Plant Breeding and Genetics- developing novel breeding methodologies and discovering economically important genes and varieties.
• Plant Pathology and Plant-Microbe Biology-interactions between plants and microbes and developing innovative solutions with focus on the origins and consequences of plant diseases. Three areas of concentration include Plant Pathology, Fungal and Oomycete Biology, and Plant-Microbe Biology.
• **Soil & Crop Sciences** focuses on environmentally sustainable agricultural systems to produce food for a world population, the impact of climate change and sustainable biofuel crops, and research on nutrient and carbon fluxes in ecosystems which helps increase nutrient use efficiency, improve soil health and solve greenhouse-gas issues.
NYS INTEGRATED PEST MANAGEMENT

Direction

<table>
<thead>
<tr>
<th>Profile</th>
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<tbody>
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<td></td>
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<tr>
<td></td>
<td>Director of the NYS</td>
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<tr>
<td></td>
<td>Integrated Pest</td>
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<tr>
<td></td>
<td>Management, Sr.</td>
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<tr>
<td></td>
<td>Extension Associate</td>
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Mission

The New York State Integrated Pest Management Program develops sustainable ways to manage pests and helps people to use methods that minimize environmental, health, and economic risks.

Overview

**IPM—integrated pest management**—Is the solid science with sound solutions in dealing with pests. We promote safe, least-toxic solutions to both pest and pesticide problems. IPM helps you deal with pests—insects, plant diseases, weeds, and more—with methods that help keep health and environmental risks as low as possible while saving you money. IPM is integrated because it brings together, or integrates, a range of biological, organic, cultural, mechanical, and chemical options for pest problems. And it’s about management because you can only manage pests—you can’t eliminate them, no matter what people say. Although IPM used to focus on insect pests, the range now includes fungi, bacteria, viruses, weeds, wildlife, and more. Integrated pest management integrates tactics to prevent pests entirely or reduce them to levels you can live with. Our mantra is: **Good science. Good sense. IPM.**

IPM expertise is built around traditional agricultural commodities and the needs of communities and urban settings.

The areas of concentration are separated into two major teams:

- **AG IPM teams** - focus on pest problems in livestock and field crops, vegetables, fruits, and ornamentals.
- **Community IPM team** focuses on pest problems in schools and buildings and their surrounding landscapes, in towns big and small.

Stakeholders

In addition, the IPM teams work closely with the following advisory groups:

- **Commodity Working Groups** - set priorities for funding projects and evaluate proposals to our grants program for each of our commodities—vegetables, livestock and field crops, fruit, ornamentals, and community.
  - Members include farmers, consultants and pest management professionals, landscape or building supervisors, community leaders, Cornell University researchers and extension educators, and other stakeholders.
• **Statewide IPM Grower Advisory Committee** provides advice and direction through meetings with the dean of CALS, the commissioner of Agriculture and Markets, and the IPM Executive Committee.
  
  o Members include agricultural producers from across the state and Cornell Cooperative Extension educators.

• **Community IPM Coordinating Council** - advises us on Community IPM needs and directions.
  
  o Members include school and housing superintendents, environmental activists, community leaders, pest management professionals, Cornell faculty, and Cornell Cooperative Extension educators.

• **IPM Operating Committee** provides the policies and directives that guide us.
  
  o Members include representatives from Cornell University, NYS Ag and Markets, and NYS DEC, as well as representatives from our working groups.

• **IPM Executive Committee** provides oversight and advice on funding allocations, and communicates the concerns of college or state administration to our Operating Committee.
  
  o Members include representatives from Cornell University, NYS Ag and Markets, and NYS DEC. All members also serve on the IPM Operating Committee.

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**People**

**Mailing Address**

The main office is at the New York State Agricultural Experiment Station in Geneva, NY.

NYS Integrated Pest Management Program
630 W. North St.
Geneva, NY 14456

phone: 315-787-2208
fax: 315-787-2360
email: nysipm@cornell.edu
ENTOMOLOGY

Director

<table>
<thead>
<tr>
<th>Profile</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
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<td>Patrick O'Grady</td>
<td>(607) 255-7723</td>
<td><a href="mailto:pmo43@cornell.edu">pmo43@cornell.edu</a></td>
<td>Phylogeny and taxonomy of Diptera, particularly Drosophilidae; Insect evolution.</td>
</tr>
</tbody>
</table>

Mission
The Department of Entomology's mission is threefold: To pursue studies to understand basic and applied aspects of insect biology; to provide a robust and modern curriculum as part of preeminent undergraduate and graduate programs; and to inform and educate the public about the issues related to insects and other arthropods.

Overview
The Entomology department is situated in to campuses – Ithaca and Geneva and additional field stations.

- Ithaca Campus – includes the insectary, plant pathology greenhouses, the Entomology Library, the insect collection, and the Sarkaria Anthropod Research Laboratory.
- Geneva Campus – includes a library providing reference services and access to paper texts.
- Additional field stations are established in the Hudson Valley Lab where fruit research is conducted and the Lake Erie Research & Extension Laboratory where vineyard research is conducted.

People
Our faculty primarily works on two campuses: Cornell’s main campus in Ithaca, New York and the New York State Agricultural Station in Geneva, New York. We also work in two agricultural field stations in the state of New York.

Mailing Address

<table>
<thead>
<tr>
<th>Ithaca Campus</th>
<th>Geneva Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lisa Westcott</td>
<td>Holly King</td>
</tr>
<tr>
<td>Phone: (607) 255-7723</td>
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<td>Fax: (607) 255-0939</td>
<td>Fax: (315) 787-2326</td>
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<tr>
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</tr>
</tbody>
</table>

Ithaca Mailing Address
Cornell University
Department of Entomology
2130 Comstock Hall
Ithaca, NY 14853

Geneva Mailing Address
NYSAES
Department of Entomology
630 West North Street
Barton Lab
Geneva, NY 14456
Cornell Staffing Resources

Department of Natural Resources

<table>
<thead>
<tr>
<th>Profile</th>
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<tr>
<td>Ecology and Management of Landscapes</td>
<td>Forest Resources Management</td>
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<tr>
<td></td>
<td>Peter Smallidge, Sr. Extension Associate, Extension Forester, Master Forest Owners Volunteer Program</td>
<td>(607) 592-3640</td>
<td><a href="mailto:Pjs23@cornell.edu">Pjs23@cornell.edu</a></td>
<td>Forest and woodlot mgmt. Sugarbush mgmt. Organic and environmental integrated vegetation mgmt. Invasive plant mgmt. Forest health, low impact logging and silvopasture</td>
</tr>
<tr>
<td></td>
<td>Shorna Broussard Allred</td>
<td>(607) 255-2149</td>
<td><a href="mailto:SRB237@cornell.edu">SRB237@cornell.edu</a></td>
<td>Human dimensions of natural resource management with emphasis on forest and water resources and conservation related attitudes and behavior</td>
</tr>
<tr>
<td></td>
<td>Mark Whitmore, Sr. Extension Associate</td>
<td>(607) 280-4064</td>
<td><a href="mailto:Mcw42@cornell.edu">Mcw42@cornell.edu</a></td>
<td>Biological Control of Forest Insect Pests Forest Ecology Forest Entomology Non-Native Invasive Forest Pests</td>
</tr>
<tr>
<td></td>
<td>Steve Childs, NYS Maple Specialist, Extension Associate</td>
<td>(607) 255-1658</td>
<td><a href="mailto:Slc18@cornell.edu">Slc18@cornell.edu</a></td>
<td>Sustainable forest Sugar bush management Sap collection and processing technology Product quality improvement and grading</td>
</tr>
<tr>
<td></td>
<td>Joe Orefice, Northern NYS Specialist</td>
<td>(518) 523-9337</td>
<td><a href="mailto:Jno37@cornell.edu">Jno37@cornell.edu</a></td>
<td>Agroforestry</td>
</tr>
</tbody>
</table>
Master Naturalists Volunteer Program  
Kristi Sullivan,  
Extension Associate  
(607) 255-5508  
Kls20@cornell.edu  
Practical approaches to conserving wildlife and biodiversity for future generations  
Wildlife conservation and habitat enhancement  
Restoration habitat complexity  
Sustain and conserve native wildlife  
Human Dimensions Research Unit  

Agroforestry / Ecoagriculture  
Louise Buck, Sr.  
Extension Associate  
(607) 255-5994  
Leb3@cornell.edu  
Integrated landscape management  

Biological Control of Non-Indigenous Plants  
Bernd Blossey  
(607) 227-1572  
BB22@cornell.edu  
Impact of invasive plants on native species and food webs  
Biological control of nonindigenous plants  
Conservation biology  
Plant-insect interactions  
Invasion biology  

Carrie Brown-Lima,  
Director NY  
Invasive Species Research Institute  
(607) 255-2824  
Cjb37@cornell.edu  
Integrate invasive species science and management  
Invasive species prevention and management  
Invasive species control  

Sustainable Water Resource Management  
Rebecca Schneider  
(607) 255-2110  
RLS11@cornell.edu  
Sustainable management of water resources, wetland ecology and hydrology, plants and groundwater  

Date: 7/7/20
Fish and Wildlife Biology Management
Fish and aquatic ecosystems management

Clifford E. Kraft  
(607) 255-2775  
Cek7@cornell.edu

Management of fishery and aquatic resources
Pond, lake, stream fishery habitats
Fishery water control

Nuisance wildlife management, wildlife conservation & habitat enhancement

Paul D. Curtis  
(607) 227-5927  
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Population biology of birds and mammal
Public policy education
Management of human-wildlife conflicts

Citizen Science & Civic Ecology
Behavioral ecology, birds, insects, citizen science, conservation biology

Janis Dickinson,  
Cornell Lab of Ornithology  
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Behavioral ecology and conservation biology of birds

Civic Ecology Lab

Marianne Krasny,  
Director  
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Environmental education
Urban youth and community environmental program
Civic ecology education

Human Dimensions
Human Dimensions Research Unit

Keith Tidball, Sr.  
Extension  
Associate, Assistant Director Cornell Cooperative Extension  
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Application of environmental science to post-conflict and post-disaster social-ecological systems
## Horticulture

<table>
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<tr>
<th>Profile</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
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<td>Urban horticulture&lt;br&gt; Woody landscape plants&lt;br&gt; Landscape mgmt. &lt;br&gt; Plant propagation &lt;br&gt; Cornell Structural Soil</td>
</tr>
<tr>
<td>Sr. Research Associate</td>
<td>Terence Bates</td>
<td>(716) 792-2800</td>
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<td>Viticulture Concord&lt;br&gt; grape production</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Taryn Bauerle</td>
<td>(607) 254-4867</td>
<td><a href="mailto:tbl33@cornell.edu">tbl33@cornell.edu</a></td>
<td>Root biology&lt;br&gt; Woody plant physiological ecology&lt;br&gt; Water stress&lt;br&gt; Root herbivory</td>
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<tr>
<td>Professor</td>
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<table>
<thead>
<tr>
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<td>Greenhouse and nursery crop Physiology</td>
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<td>Sustainable &amp; Organic Vegetable Production</td>
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Plant Biology

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Forage Variety Evaluation
Industrial Hemp Variety Evaluation
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Onion Breeding  
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Onion Genetics  
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Onion Quality  
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### Plant Pathology & Plant Microbe Biology

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## Soil & Crop Sciences

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Compost Quality, Compost Use  
Farm Waste Management, Manure As Dairy Bedding; Manure Management  
Mass Casualty Disposal Response in Livestock Disasters  
Mortality Disposal, Mortality and Roadkill  
Composting, Natural Rendering  
Soil Quality and Testing, Health And Safety, Urban Gardens  
Waste Management Education |
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Micronutrient Soil Fertility  
Nutrient Management  
Permanent Raised Beds  
Poor Smallholder Farmers  
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<tr>
<th>Name</th>
<th>Title/Position</th>
<th>Phone Number</th>
<th>Email</th>
<th>Interests/Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonathan Russell-Anelli</td>
<td>Senior Lecturer</td>
<td>(607) 255-2485</td>
<td><a href="mailto:jmr5@cornell.edu">jmr5@cornell.edu</a></td>
<td>Contaminates</td>
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<td>Contamination</td>
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<td>Urban Agriculture</td>
</tr>
<tr>
<td>Michael Rutzke</td>
<td>Sr. Research Associate</td>
<td>(607) 255-1722</td>
<td><a href="mailto:mar9@cornell.edu">mar9@cornell.edu</a></td>
<td>Atomic Spectroscopy, Icp-Aes, Mineral Nutrition</td>
</tr>
<tr>
<td></td>
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<td>Corpoica, International Agriculture</td>
</tr>
<tr>
<td>Matthew Ryan</td>
<td>Assistant Professor</td>
<td>(607) 255-4964</td>
<td><a href="mailto:mrr232@cornell.edu">mrr232@cornell.edu</a></td>
<td>Soil and Crop Sciences</td>
</tr>
<tr>
<td></td>
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<td>sustainable cropping systems</td>
</tr>
<tr>
<td>Hannah Shayler</td>
<td>Extension Associate</td>
<td>(607) 254-2377</td>
<td><a href="mailto:has34@cornell.edu">has34@cornell.edu</a></td>
<td>Cornell Waste Management Institute</td>
</tr>
<tr>
<td></td>
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<td>Healthy Soils, Healthy Communities</td>
</tr>
<tr>
<td>Stephen Smith</td>
<td>Sr. Extension Associate</td>
<td>(607) 255-0803</td>
<td><a href="mailto:sds3@cornell.edu">sds3@cornell.edu</a></td>
<td>4-H Geospatial Leadership Team</td>
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<td>4-H Youth Development</td>
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<tr>
<td>Harold van Es</td>
<td>Professor</td>
<td>(607) 255-5629</td>
<td><a href="mailto:hmv1@cornell.edu">hmv1@cornell.edu</a></td>
<td>Nitrogen Management</td>
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<td>Precision &amp; Computational Agriculture</td>
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<td>Space-Time Statistics</td>
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</table>
**Department of Earth & Atmospheric Sciences**

<table>
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<th>Name</th>
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<tbody>
<tr>
<td>Susan J. Riha</td>
<td>Professor</td>
<td>(607) 255-1729</td>
<td><a href="mailto:sjr4@cornell.edu">sjr4@cornell.edu</a></td>
<td>interaction of plants with their physical environment</td>
</tr>
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**Department of Food Science**

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<tr>
<th>Profile</th>
<th>Name</th>
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<tbody>
<tr>
<td>Elizabeth Bihn</td>
<td>Sr. Extension Associate</td>
<td>(315) 787-2625</td>
<td><a href="mailto:eab38@cornell.edu">eab38@cornell.edu</a></td>
<td>Educational Material Design, Educational Materials, Food Safety, Fresh Fruits &amp; Vegetables, Good Agricultural Practices, Microbiology, Online Produce Safety Course</td>
</tr>
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**Long Island Horticultural Research and Extension Center-Riverhead, NY**

<table>
<thead>
<tr>
<th>Profile</th>
<th>Name</th>
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<tbody>
<tr>
<td>Mark Bridgen</td>
<td>Professor, Director, Long Island Horticultural Research and Extension Center</td>
<td>(631) 727-3595</td>
<td><a href="mailto:mpb27@cornell.edu">mpb27@cornell.edu</a></td>
<td>Bulbs, Chickens, Chile, Chrysanthemum, Chrysanthemums, Cut Flowers, Embryo Culture, Floriculture, Geophytes, Greenhouse Horticulture</td>
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<tr>
<td>Margery Daughtry</td>
<td>(631) 727-3595</td>
<td><a href="mailto:mld9@cornell.edu">mld9@cornell.edu</a></td>
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<tr>
<td>Sr. Extension Associate</td>
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<tr>
<td>Long Island Horticultural Research Extension Center</td>
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<tr>
<td>Margaret McGrath</td>
<td>(631) 727-3595</td>
<td><a href="mailto:mtm3@cornell.edu">mtm3@cornell.edu</a></td>
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</table>
### Department of Entomology

<table>
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<tr>
<th>Profile</th>
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<tr>
<td><strong>Ithaca Campus</strong></td>
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<td></td>
<td>Laura Harrington</td>
<td>(607) 255-4475</td>
<td><a href="mailto:lch27@cornell.edu">lch27@cornell.edu</a></td>
<td>Mosquitoes and vector borne diseases</td>
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<td>Identification of insects</td>
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<tr>
<td></td>
<td>John Sanderson</td>
<td>(607) 255-5419</td>
<td><a href="mailto:jps3@cornell.edu">jps3@cornell.edu</a></td>
<td>Pest Management of greenhouse arthropod pests</td>
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<td>Alternative solutions to pesticides</td>
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<td>Arthropod predators and parasitoids,</td>
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<td>Fungal pathogens of insects</td>
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<tr>
<td></td>
<td>Jason Dombroskie, Sr.</td>
<td>(607) 255-6530</td>
<td><a href="mailto:jid278@cornell.edu">jid278@cornell.edu</a></td>
<td>Cornell University Insect Collection</td>
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<tr>
<td>Extension Associate</td>
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<td>Insect Diagnostic Lab</td>
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<tr>
<td></td>
<td>Mary Centrella, PMEP</td>
<td>(607) 255-1866</td>
<td><a href="mailto:mlc344@cornell.edu">mlc344@cornell.edu</a></td>
<td>Program direction, collaborations, and funding</td>
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<tr>
<td>Director and Educator</td>
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<td>Environmental risk assessments</td>
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<td>General pesticide safety and use</td>
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<td></td>
<td>Michael Helms, Extension Support</td>
<td>(607) 255-1866</td>
<td><a href="mailto:mjh14@cornell.edu">mjh14@cornell.edu</a></td>
<td>Pesticide registration</td>
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<tr>
<td>Specialist</td>
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<td>PMEP Distance Learning Center (online recertification courses)</td>
</tr>
<tr>
<td></td>
<td>Dan Wixted</td>
<td>(607) 255-1866</td>
<td><a href="mailto:djw47@cornell.edu">djw47@cornell.edu</a></td>
<td>Cornell Crop and Pest Management Guidelines</td>
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<td>Pesticide application technology</td>
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<td>Ordering applicator training manuals and Cornell Crop and Pest Management Guidelines</td>
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<td>Health and environmental effects of glyphosate (e.g., Roundup)</td>
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<td>General pesticide safety and use (e.g., regulations, reading a label, exposure concerns)</td>
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</tbody>
</table>

Date: 7/7/20
Hudson Valley Field Laboratory

Peter Jentsch, Sr. Extension Associate  
(845) 691-6516  
pij5@cornell.edu  
Apple, Pear, Grape, Vegetable Arthropod, Insect, Mite biological controls Integrated Pest Management Organic IPM Tree Fruit IPM

Geneva Campus

Gregory Loeb  
(315) 787-2345  
gme1@cornell.edu  
Insect and mite pest management for small fruit and grape Pest management guidelines

Jan Nyrop  
(315) 787-2355  
jp2@cornell.edu  
Biology and ecology of invasions Invasive management

NYS Integrated Pest Management Staff

<table>
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<tr>
<th>Profile</th>
<th>Name</th>
<th>Phone</th>
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<tbody>
<tr>
<td>AG IPM TEAM</td>
<td>Bryan Brown</td>
<td>(315) 787-2432</td>
<td><a href="mailto:bryan.brown@cornell.edu">bryan.brown@cornell.edu</a></td>
<td>Integrated Weed Management Specialist</td>
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<tr>
<td></td>
<td>Juliet Carroll</td>
<td>(315) 787-2430</td>
<td><a href="mailto:jec3@cornell.edu">jec3@cornell.edu</a></td>
<td>Fruit IPM Coordinator</td>
</tr>
<tr>
<td></td>
<td>Amara Dunn</td>
<td>(315) 787-2430</td>
<td><a href="mailto:arc55@cornell.edu">arc55@cornell.edu</a></td>
<td>Biocontrol Specialist</td>
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</table>
### Cornel Cooperative Extension
#### Program and Staff Directory

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
<th>Position</th>
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<tbody>
<tr>
<td>Brian Eshenaur</td>
<td>(585) 753 2561</td>
<td><a href="mailto:bce1@cornell.edu">bce1@cornell.edu</a></td>
<td>Ornamentals IPM Extension Area Educator</td>
</tr>
<tr>
<td>Elizabeth Lamb</td>
<td>(607) 254-8800</td>
<td><a href="mailto:eml38@cornell.edu">eml38@cornell.edu</a></td>
<td>Ornamentals IPM Coordinator and Greenhouse Vegetable IPM Specialist</td>
</tr>
<tr>
<td>Dan Olmstead</td>
<td>(315) 787-2334</td>
<td><a href="mailto:dlo6@cornell.edu">dlo6@cornell.edu</a></td>
<td>Coordinator, Network for Environment and Weather Applications</td>
</tr>
<tr>
<td>Abby Seaman</td>
<td>(315) 787-2334</td>
<td><a href="mailto:ajs32@cornell.edu">ajs32@cornell.edu</a></td>
<td>Vegetable IPM Coordinator</td>
</tr>
<tr>
<td>Kenneth Wise</td>
<td>(845) 677-8223 x149</td>
<td><a href="mailto:klw24@cornell.edu">klw24@cornell.edu</a></td>
<td>Livestock &amp; Field Crops IPM Extension Area Educator</td>
</tr>
<tr>
<td>Marion Zuefle</td>
<td>(315) 787-2379</td>
<td><a href="mailto:mez4@cornell.edu">mez4@cornell.edu</a></td>
<td>Vegetable IPM Extension Area Educator</td>
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**Community IPM Teams**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
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<th>Position</th>
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<tbody>
<tr>
<td>Matt Frye</td>
<td>(914) 285-4633</td>
<td><a href="mailto:mjf267@cornell.edu">mjf267@cornell.edu</a></td>
<td>Community IPM Extension Area Educator</td>
</tr>
<tr>
<td>Jody Gangloff-Kaufmann</td>
<td>(631) 539-8680</td>
<td><a href="mailto:jlg23@cornell.edu">jlg23@cornell.edu</a></td>
<td>Community IPM Coordinator</td>
</tr>
<tr>
<td>Joellen Lampman</td>
<td>(518) 441-1303</td>
<td><a href="mailto:jkz6@cornell.edu">jkz6@cornell.edu</a></td>
<td>School and Turfgrass IPM Extension Support Specialist</td>
</tr>
</tbody>
</table>

Date: 7/7/20
Appendices

Titles:

Sr. Extension Associate  
Extension Associate

Senior extension associates provide leadership in planning, developing, coordinating, implementing, and evaluating complex, state-of-the-art educational extension and outreach programs. Senior extension associates independently carry out innovative applied research programs, supervise professional and administrative staff, and work with faculty and clientele. They possess in-depth knowledge of relevant state or national extension systems, and they are recognized experts in their fields as demonstrated by extensive professional publications and contacts. Senior extension associates also apply advanced problem-solving and administrative skills that contribute to the financial and organizational aspects of program management. Although precise duties and responsibilities vary from position to position, senior extension associates are expected to work effectively with faculty, governmental officials, colleagues, and volunteers, and, in some instances, to serve as senior administrators.

Extension associates are responsible, under the general supervision of faculty or senior extension associates, for planning and implementing educational extension programs. They collaborate with representatives from communities and with researchers in the college or school to plan, conduct, maintain, and/or evaluate innovative educational programs that address specific local, multi-county, or statewide needs. Although precise duties and responsibilities will vary from position to position, all extension associates are expected to conduct applied research, work effectively with colleagues or volunteers, act as community educators, and serve as liaisons – as project and/or area program team leaders – between the university and the public. An extension associate does not normally have responsibilities for graduate students.
CCE NY Extension Disaster Education Network (NY Eden)

http://eden.cce.cornell.edu/disasters/pages/drought.aspx

The New York Extension Disaster Education Network (NY EDEN) is a collaborative educational network based at Cornell University, dedicated to educating New York residents about preventing, preparing for and recovering from emergencies and disasters that could affect their families and communities. NY EDEN is affiliated with both the national USDA Extension Disaster Education Network (EDEN) and with Cornell University Cooperative Extension.

NY EDEN works to link the emergency preparedness resources of New York agencies and organizations with the community networking and outreach capabilities of Cornell Cooperative Extension Education Centers throughout the state.

The goals of NY EDEN are to:

1. Disseminate educational materials relating to emergency preparedness and recovery in order to reduce the impact of disasters on individuals and communities.
2. Provide emergency preparedness training and resources for Cooperative Extension Staff, businesses and community residents.
3. Assist CCE Associations in establishing partnerships and plans to assist their communities, through education, in emergency/disaster preparations and recovery.
4. Distribute credible resource materials before, during, and after a disaster.
Weblinks

Reference Information

Cornell Cooperative Extension:  
http://cce.cornell.edu/  
http://cce.cornell.edu/info/about

School of Integrative Plant Science:  
https://sips.cals.cornell.edu/about

SIPS School Sections:  
https://sips.cals.cornell.edu/about/school-sections

Department of Natural Resources:  
http://www.dnr.cornell.edu

Department of Horticulture:  
http://hort.cals.cornell.edu

Department of Entomology:  
https://entomology.cals.cornell.edu/

Extension Resources in SIPS:

- COVID 19 Resources  
SIPS-wide COVID-19 resources for growers, gardeners, green industry professionals and educators

- Gardening for Spring 2020  
A blog series specifically for supporting new gardeners during the pandemic.

- The Art of SIPS

- SIPS Education Resources  
Cornell Garden-Based Learning, Horticulture Distance Learning, Cornell Botanic Gardens and Farms

- Food Production Resources
Field Crops, Fruit, Vegetables, Mushrooms and Gardening Resources

- Vegetable MD Online  
Vegetable MD Online helps ordinary people and farmers identify and manage plant diseases. Users can browse many color photos sorted by crop and disease as well as consult vegetable disease fact sheets for recommendations.

- Glossary of Technical Terms in Plant Pathology  
Definitions and pronunciation guide of important terms in plant disease management.

- Northeast Plant Diagnostic Network  
The Northeast Plant Diagnostic Network (NEPDN) is a coordination center for monitoring invasive plant diseases and insects.

- Sustainable Landscapes Resources  
Urban Horticulture, Bioenergy and Turfgrass Resources
Diagnostic Labs

Plant Diagnostics Lab

**Plant Diagnostic Clinic:** [http://plantclinic.cornell.edu](http://plantclinic.cornell.edu)

The Plant Disease Diagnostic Clinic is a facility of the [Section of Plant Pathology and Plant-Microbe Biology within the School of Integrative Plant Science](http://plantclinic.cornell.edu) at Cornell University. The Clinic provides fast and accurate plant disease diagnosis and up-to-date pest control recommendations for anyone from home owners to commercial growers. Services include analysis of plant material and soil for bacterial, fungal, viral, and nematode pathogen.

**Plant Diagnostic Clinic factsheets:** [http://plantclinic.cornell.edu/factsheets.html](http://plantclinic.cornell.edu/factsheets.html)

**Leaf Doctor** - iPhone, android ap that lets you diagnose how damaged a plant is


Cornell Insect Diagnostic Lab (IDL)

**Sample Submission Directions** [http://idl.entomology.cornell.edu/sample-directions](http://idl.entomology.cornell.edu/sample-directions)

This site will tell you what to do to send something to the lab for identification.

**Notify the lab that a sample is coming:** IDLDiagnosticLab@cornell.edu

**Forms to be used:**

For Cornell Cooperative Extension agents - use the following form:


For the general public – use the following form:

[https://blogs.cornell.edu/insectid/files/2013/11/IDL-Submission-Form-for-samples-ra8whh.pdf](https://blogs.cornell.edu/insectid/files/2013/11/IDL-Submission-Form-for-samples-ra8whh.pdf)

**Digital Photographs:** IDLDiagnosticLab@cornell.edu

Clear close-up photos of an insect or related organism can be sent to the lab.

**Fees**

There is a $25 fee associated with sending in a sample or a photo for identification.

Make check out to Cornell University.

**For TICK evaluations:** [https://ahdc.vet.cornell.edu/programs/tick/](https://ahdc.vet.cornell.edu/programs/tick/)

Additional information on Ticks - [http://www.cdc.gov/ticks/index.html](http://www.cdc.gov/ticks/index.html)
Insect Diagnostic Lab Factsheets – http://idl.entomology.cornell.edu/factsheets/

Pdf files are available for your use. These files are updated regularly and cover many areas of insect identification. Factsheets are grouped by category and can easily be downloaded to your computer. They are grouped into similar categories for ease of access.

They include: Household / indoor pests, Biting/stinging, Wood/lumber, Trees/shrubs, Vegetable / garden, Houseplants, Outdoor / miscellaneous.

SHIPPING ADDRESS: INSECT DIAGNOSTIC LAB
CORNELL UNIVERSITY
2144 COMSTOCK HALL, ENTOMOLOGY
ITHACA NY 14853-2601

Cornell Nutrient Analysis Laboratory (CNAL) https://cnal.cals.cornell.edu/analyses/

This web site will tell you which form to use for the specific analysis to be performed.

The types of analysis performed includes the following:

Soil analysis for commercial field crops, vegetables, fruits, home gardens, and research

- Soil Analysis Form: http://css.cornell.edu/cnal-forms/CNAL_Form_S.pdf
- Soil Analysis Instructions: http://css.cornell.edu/cnal-forms/CNAL-Soil-Sampling-Instructions.pdf

Plant tissue analysis for grape petiole, small fruit, tree fruit, corn stalk nitrate, and research

Water analysis including solutions and extracts for research

Compost analysis

Environmental analysis

Greenhouse potting soil and root media

The appropriate sample id forms are included in https://cnal.cals.cornell.edu/analyses/

Mail samples to: Cornell Nutrient Analysis Laboratory

G01 Bradfield Hall
306 Tower Rd.
Cornell University
Ithaca, NY 14853 USA
External Analysis Resources


CNAL does not provide fertilizer recommendations. Clients who want fertilizer recommendations based on Cornell University research should contact AgroOne.

An agronomic soil test extracts a portion of the plant available nutrients contained in a soil sample and results are then classified as low, medium, high or very high based on expected crop response to added crop nutrients, crops grown on soils that test high to very high for a specific nutrient are not likely to respond with a yield increase if that nutrient is applied to the soil. However, soils testing low or medium for that nutrient are likely to show improved yield and quality if that nutrient is applied (provided other nutrients are present in adequate amounts).

Soil testing is a required component of nutrient management plans for many commercial farming operations as well as for purchase of phosphorous containing fertilizers for use on established lawns in some Northeast states.

Forms required by AgroOne: [http://dairyone.com/general-resources/forms/](http://dairyone.com/general-resources/forms/)

Master Gardener Volunteers

Relevant Resources

Diagnosing Plant Problems Website: [http://plantclinic.cornell.edu/mastergardener.html](http://plantclinic.cornell.edu/mastergardener.html)

Cooperative Extension Master Gardener Volunteer Program (Overview):
[https://gardening.cals.cornell.edu/cornell-cooperative-extension-master-gardener-volunteer-program/](https://gardening.cals.cornell.edu/cornell-cooperative-extension-master-gardener-volunteer-program/)

All County Based CCE Extension Contacts at: [https://gardening.cals.cornell.edu/garden-guidance/ny-local-resources/](https://gardening.cals.cornell.edu/garden-guidance/ny-local-resources/)

Related Cornell Garden-Based Learning Statewide Program Resources:

- New York State Seed to Supper: [https://gardening.cals.cornell.edu/for-cce-staff/new-york-state-seed-to-supper/](https://gardening.cals.cornell.edu/for-cce-staff/new-york-state-seed-to-supper/)
- Vegetable Varieties for Gardeners and Trial Gardens: [https://gardening.cals.cornell.edu/citizen-science/](https://gardening.cals.cornell.edu/citizen-science/)
- Gardening in a Warming World: [https://gardening.cals.cornell.edu/garden-guidance/gww/](https://gardening.cals.cornell.edu/garden-guidance/gww/)

For CCE Community Horticulture Educators and Master Gardener Volunteer Coordinators:

All Core Preparation for Master Gardener Volunteers is housed on the Moodle Course titled: The Cornell-Garden Based Learning Library - found at: [https://moodle.cce.cornell.edu/course/view.php?id=168](https://moodle.cce.cornell.edu/course/view.php?id=168)

1. Set up a Moodle Account.
2. Ashley Helmholdt will enroll you in the course.
3. Search, download and print all updated Garden Based Learning Library materials for your MGV training.