

INTEGRATED PEST MANAGEMENT

Insights



October 2022: Volume 19, Issue 2



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Call for Nominations: 2022 Outstanding Achievements in Integrated Pest Management Award

Nominations sought for 2022 award by the Northeastern Integrated Pest Management Center

Submission deadline extended to: Friday, December 2, 2022

The Northeastern Integrated Pest Management (IPM) Center launched an *Outstanding Achievements in IPM Award* in 2019 and is opening nominations for the 2022 award, which will recognize one professional and one student based on their efforts and accomplishments in IPM.

The Northeastern IPM Center fosters the development and adoption of *integrated pest management*, a science-based approach to dealing with pests—one that provides economic, environmental, and human-health benefits. We engage with stakeholders in agricultural, urban, and rural settings who work with us to identify and address regional priorities in IPM, whether for research, education, or outreach purposes. The Northeastern IPM Center is one of four regional centers across the United States, supported by USDA-NIFA Crop Protection and Pest Management funding. We serve the 12 states of the Northeast (Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia) and the District of Columbia.

The Northeastern IPM Center seeks nominations of growers, consultants, researchers, educators, managers, and college/university students in the Northeast region who are working in:

- Agricultural IPM (fruit, vegetables, ornamentals, and livestock and field crops)
- Affordable housing
- Homes
- Schools and institutions
- Natural-areas/water-resources IPM
- Invasive species



The deadline for nominations is Friday, December 2, 2022.

Criteria for Nomination

Candidates for an *Outstanding Achievements in IPM Award* are individuals or organizations whose work on IPM in the Northeast deserves special recognition. *Outstanding Achievements in IPM Awards* recognize effort in

- developing new IPM tools;
- implementing or evaluating IPM methods in their operations, businesses, or organizations;
- encouraging demonstrations and adoption of IPM;
- promoting IPM and bolstering the adoption of IPM practices;
- educating others about IPM;
- collaborative efforts.

Undergraduate, master’s, or PhD students showing outstanding interest and accomplishments in IPM are eligible for nomination. Accomplishments might include impressive research results, technical presentations, posters, reviewed publications, extension publications, or exemplary work with stakeholders such as growers or building managers.

See “Award” on Page 2

Contact Us

607-255-8815

northeastipm@cornell.edu

Award

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Qualifications to Nominate

To submit a nomination, you must be a grower, consultant, researcher, educator, or manager working in IPM. Alternatively, you may co-nominate with someone who meets the above criteria.

To nominate a student, you must be a member of the research or extension faculty at the student's university.

No self-nominations will be accepted. Students may not make nominations.

What to Submit

- A signed letter on letterhead, not exceeding two pages, with the following information:
 - Your name, title, organization, address, telephone number, email address, and affiliation with the nominee.
 - Nominee's name, title, organization, address, telephone number, and email address.
 - Reasons for the nomination, including a description of the nominee's operation (e.g., farm, consulting firm, business) if applicable, IPM philosophy, IPM innovations, and other activities relevant to IPM. If you are nominating an organization, describe its goals, business products or services, and IPM philosophy and practices.
 - Suggestions for suitable venues for presenting the award—for example, a professional organization annual conference or growers' meeting (dependent on prevailing travel and gathering restrictions).
 - Photos of the nominee practicing IPM are appreciated (but not required) at the time of submission, or later if you are notified that your nominee has won an award.
- At least two supporting letters of recommendation from people who have been positively affected by the nominee, also signed, on letterhead.
- Additional supporting information (newspaper articles, letters, photographs, etc.) as appropriate.

Nominating letters and letters of support may be seen by the award winners or quoted in press releases or other venues. If you do not want the nominee to see your letter, or to have a quote attributed to you, clearly state this in your letter.

Where to Submit

Address letters to Deborah G. Grantham, director, Northeastern IPM Center.

Submit nominations and supporting materials to:

Deborah G. Grantham
IPM Award Nominations
340 Tower Road, Cornell University, Ithaca, NY 14853
dgg3@cornell.edu



The Center serves the 12 states of the Northeast (Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia) and the District of Columbia.

All letters must be signed and on letterhead. We will accept nominations and supporting letters that are printed and mailed, or scanned as PDFs and attached to an email. A Word version of your letter is also appreciated (but not required) for easier quoting in press releases and articles.

Deadline

Nominations must be received at the Northeastern IPM Center office on or before **Friday, December 2, 2022**.

Determination of Award Winners

The Northeastern IPM Center staff will work with our advisory council and the Northeast state IPM coordinators to review nominations and select winners, based on criteria listed above.

Awards

One award will be made to a qualified professional and one to a student. Winners will receive \$500 each. Both winners must provide a story (for the Northeastern IPM Center website and/or newsletter, and social media outlets) and/or present a webinar hosted by the Northeastern IPM Center before receiving the financial award.

Presentation of Awards

IPM awards will be presented within 12 months of the winners being notified, at a professional meeting or conference (including virtual venues) appropriate to the awardee's area of expertise. Such events allow award winners to be recognized by their colleagues and friends. Your suggestions on an appropriate venue for presentation of the award to your nominee are welcome and greatly valued.

Northeastern IPM Center Launches “Diversity in IPM” Series

This fall, the Northeastern Integrated Pest Management (IPM) Center is launching a webinar series to highlight and foster diversity in IPM. We have invited presenters from historically marginalized groups to discuss topics related to their research, or to share their perspectives on overcoming barriers and succeeding in their chosen profession.

Although we request that participants register in advance, these webinars are free and open to the public. Visit www.northeastipm.org/ipm-in-action/deij-in-ipm/ for more information or to register. Participants will have the opportunity to ask questions in real time, but the presentations will also be recorded and posted on the Center’s YouTube channel (www.youtube.com/user/NortheastIPM).

Why DEI?

The Center joins numerous peer and partner organizations in recognizing the active role we can play in championing and advancing diversity, equity, inclusion, and justice (DEIJ).

This follows from a broadening awareness that DEI is not an isolated area of advocacy, but rather a foundational component of every endeavor, profession, field, and discipline. When capable people are implicitly or explicitly excluded because of their identities, talent and opportunities go to waste and dreams and goals go unrealized—individually and collectively. A commitment to DEI helps both people and organizations fulfill their potential.

Diversity as a Center Priority

The Center has recognized *Diversity in IPM* as a cross-cutting issue that undergirds everything we do. Our commitment to this philosophy should be reflected throughout the research we fund, the extension work we facilitate, and the communication we coordinate.

The *Diversity in IPM* webinar series will accomplish this in several ways:

- **Overcoming obstacles:** Presenters will discuss how their traditionally marginalized identities have shaped the lived experience of becoming and being professionals in IPM and related fields. This includes challenges and barriers but also victories and success stories.
- **Visibility and representation:** In efforts to overcome marginalization, representation matters. We aim to provide an opportunity for people from historically marginalized groups to see others that look, think, or identify as they do in positions of success and accomplishment in IPM and related fields. In so doing, we hope to encourage aspiring professionals to consider careers in these fields, especially if they might otherwise have been dissuaded for fear that their marginalized identities would make it prohibitively difficult or unrewarding.

This and related initiatives are a work in progress and we welcome collaborators, ideas, and feedback to help them strengthen and grow over time.

Upcoming Webinars and Future Opportunities

The *Diversity in IPM* initiative will be ongoing and more webinars will be added, but the currently scheduled list is below. For the most up-to-date list or to register for any webinars, visit www.northeastipm.org/ipm-in-action/deij-in-ipm/, which also features links and resources pertaining to DEI in IPM and related fields.

We are exploring options for making some live webinars available in both English and Spanish.

If you are interested in presenting another webinar—or in contributing to or participating in this DEI initiative in any other way—please contact Jana Hexter, grants and partnerships coordinator, at jh30@cornell.edu.

Currently Scheduled Webinars

Webinars that have already taken place will be available for viewing on the Center’s YouTube channel (www.youtube.com/user/NortheastIPM).



Expanding the Integrated Weed Management Toolbox: Evaluating IWM Approaches for Maryland and Mid-Atlantic Vegetable Production Systems

September 12: Dwayne Joseph – agriculture and food systems agent for Kent County, Maryland

Current research evaluating integrated weed management (IWM) plans for vegetable production.

Visit neipmc.org/go/cAPk for more information.



As I Heal, So Does the Land: A Story About Blackness, Conservation, and Healing in America

October 4: Krystal Monique Toney – author and PhD student in environmental science at the University of North Texas

Blackness, conservation, and healing in America.

Visit neipmc.org/go/htPM for more information.

USDA-NIFA Renews Northeastern IPM Center Funding

The Northeastern IPM Center is pleased to announce that our main operating grant has been renewed for another four years.

The Center—along with the other three regional IPM centers—is funded primarily by a grant from the U.S. Department of Agriculture’s National Institute of Food and Agriculture (USDA-NIFA) through the Crop Protection and Pest Management Program (CPPM). USDA-NIFA has traditionally provided \$4 million total to each center, or \$1 million per center per year. This is reflected in the funding acknowledgment added to materials the Center creates and distributes.

As each four-year cycle winds down, the centers have to submit proposals to USDA-NIFA for continued funding, making a case for the work we’ve done and plan to do for our regions. It’s an open and competitive grant process, meaning there is no guarantee that a given institution will remain host to a center. The centers have been funded this way since 2000, and it’s a credit to our work that we continue to receive funding.

“Our renewed funding is a testament to the value of our role. The centers are uniquely positioned to provide regional IPM coordination that can help individuals and agencies at the state and local levels achieve a broader, more cohesive impact.”

— Deborah G. Grantham, director, Northeastern IPM Center

Some years ago, the Northeastern IPM Center was a joint proposal between Pennsylvania State University and Cornell University, but the proposal has been through Cornell for several rounds of funding now, and the Center is based there.

Our USDA-NIFA funding largely supports the numerous functions we coordinate throughout the Northeast, such as communications and outreach (including newsletters, websites, and webinars) and the funding that we in turn distribute to projects throughout the region via our IPM Partnership Grants Program and other small-grant programs.

“Our renewed funding is a testament to the value of our role and the work we’ve done for the Northeast,” said Deborah G. Grantham, director of the Northeastern IPM Center. “The centers are uniquely positioned to provide regional IPM coordination that can help individuals and agencies at the state and local levels achieve a broader, more cohesive impact, and we’ve worked to make the most of that opportunity. We’re proud of this vote of confidence and we look forward to continuing our efforts.”



Utilization of Biologicals and Biofumigation for Effective Management of Soilborne Diseases in Fruits and Vegetables

October 5: Mahfuz Rahman – plant pathologist and extension specialist at West Virginia University

Beneficial microbes, including results from some recent studies on tomatoes, eggplants, okras, and strawberries.

Visit neipmc.org/go/fmRy for more information.



Cooperative Extension in Indigenous Communities: Experiences of Educators

November 8: Katie Hartmann – adjunct assistant professor, agriculture education and studies department, Iowa State University

How extension educators are creating successful collaborations with Indigenous communities, as well as some of the barriers those communities face, and the systemic structures that can be put into place to support them.

Visit neipmc.org/go/SPEg for more information.



Non-traditional Areas for IPM Careers and the Associated Challenges for 2SLGBTQIA+ Individuals in Pursuing Them

December 7: Ryan Gott – Fellow, Longwood Gardens, Kennett Square, Pennsylvania

Fruitful opportunities for IPM in the wide world of green industry careers, and the challenges faced by some members of the 2SLGBTQIA+ community.

Visit neipmc.org/go/DdTk for more information.

Center Announces Two Funding Opportunities

The Northeastern Integrated Pest Management (IPM) Center announces two funding opportunities through its grants programs, supported by the National Institute of Food and Agriculture at the United States Department of Agriculture (USDA-NIFA).

For both programs, the application deadline is November 15, 2022.

IPM Partnership Grants

Each year, the Center offers funding through its IPM Partnership Grants Program. Funded projects must foster the development and adoption of IPM, address or identify regional priorities, and benefit the northeastern region at large.

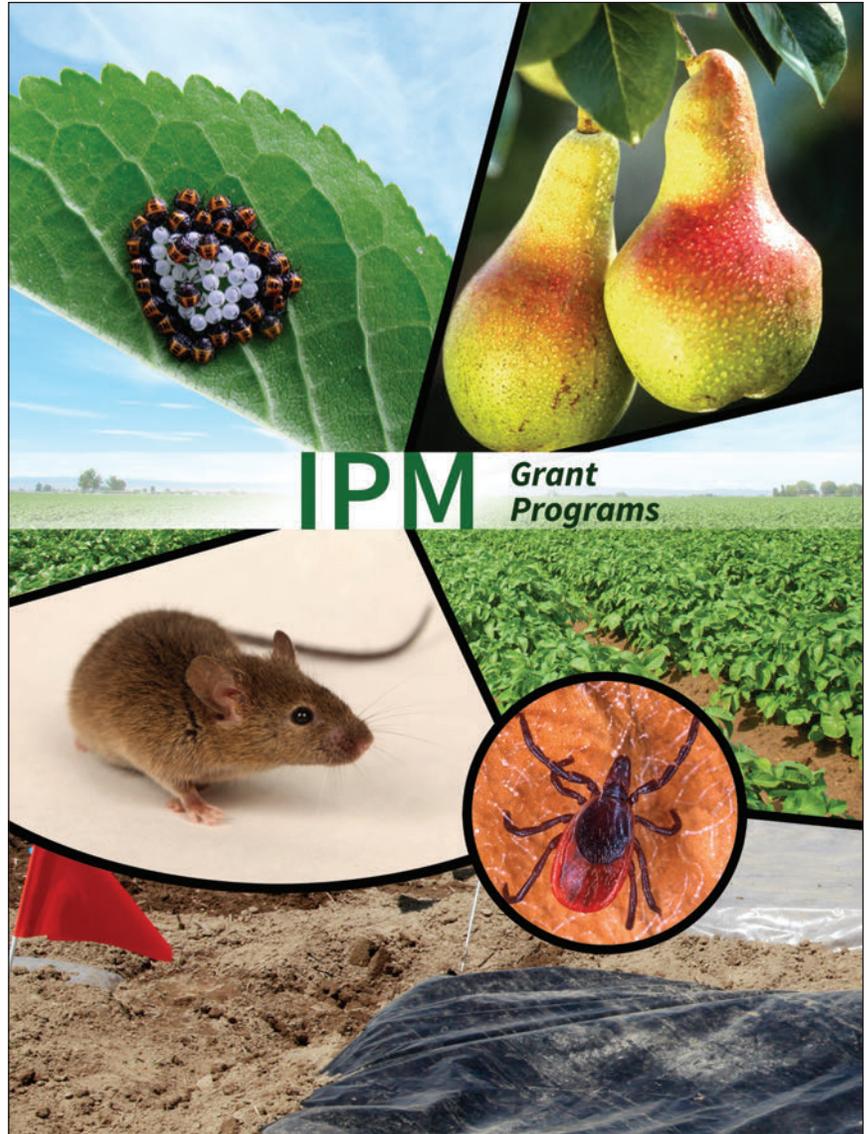
The program supports three project types:

- IPM Applied Research
- IPM Working Groups
- IPM Communications

Up to \$200,000 in total will be available for 2023, generally with a maximum of \$40,000 per award, although projects that meet the criteria for a diversity-focused competitive preference priority may apply for up to an additional \$10,000. There is a 24-month time limit on funded projects.

The efforts of the Center are organized under six Signature Programs and four cross-cutting issues. In addition to meeting the general regional IPM criteria, funded projects should align with one or more of each of those.

To learn more about our Signature Programs, cross-cutting issues, and Partnership Grant application criteria—or to apply for a Partnership Grant—visit neipmc.org/go/partnership.



Pest Management Strategic Plans and Production/Management Profiles

The Pest Management Strategic Plans (PMSPs) and Production/Management Profiles (PMPs) Grants Program aims to fund new and updated PMSPs and PMPs.

PMSPs are developed with a regional group of growers and other stakeholders in the Northeast to identify the pest management needs and priorities of a particular commodity, system, or setting. PMPs provide the production or management story, including current pest management practices, for a particular system such as production of an agricultural commodity.

We encourage proposals to develop PMSPs or PMPs for crops, livestock, forestry, or other systems that do not have a plan, or to update outdated PMSPs or PMPs (those that are more than five years old).

The Center is particularly interested in proposals for:

- Low-bush/wild blueberries
- Greenhouse food crops—including fruiting vegetables, greens, hydroponic production, etc.
- Hemp
- Integrated vegetation management (IVM), such as rights-of-way

Up to \$30,000 in total will be available for 2023, with a per-award maximum of \$15,000 (PMPs) or \$5,000 (PMPs). There is a 12-month time limit on funded projects.

For more information or to apply for a PMSP or PMP grant, visit neipmc.org/go/pmsp-rfa.

Center Supports Fight Against Spotted Lanternfly

Since the invasive spotted lanternfly (SLF) was first confirmed in the U.S. in Berks County, Pennsylvania, in 2014, it has continued to hop and hitchhike its way into headlines and gain widespread recognition.

The pest, native to Asia, has no significant natural enemies in the U.S. Given that and its penchant for spreading with unwitting human assistance, what started as a local problem quickly became a state and then regional one, and may yet become a national concern.

As SLF spread, it became a prime candidate for the kind of regionally coordinated response the Northeastern IPM Center is uniquely positioned to spearhead.

In 2018, through the Partnership Grants Program, the Center funded a Penn State-led SLF working group. The Center led the country in supporting a collaborative effort to address this emerging threat, also hosting a series of webinars in 2018 and 2019.

The working group leveraged the initial support to successfully make the case for a \$7.3 million Specialty Crop Research Initiative (SCRI) grant from the USDA National Institute of Food and Agriculture—a significant achievement and recognition of the importance of this work.

Deborah Grantham, Center director, is a co-director of the SCRI project and the Center is the Cornell lead. One key project deliverable

has been the StopSLF website (www.stopslf.org), developed and maintained by the Center and intended to be a central repository of SLF information, including news, quarantine/reporting protocols, research, and emerging management methods.

Of particular interest to the public is the distribution map (www.stopslf.org/where-is-slf/slf-map/), regularly updated by the New York State IPM Program and hosted on StopSLF.org.

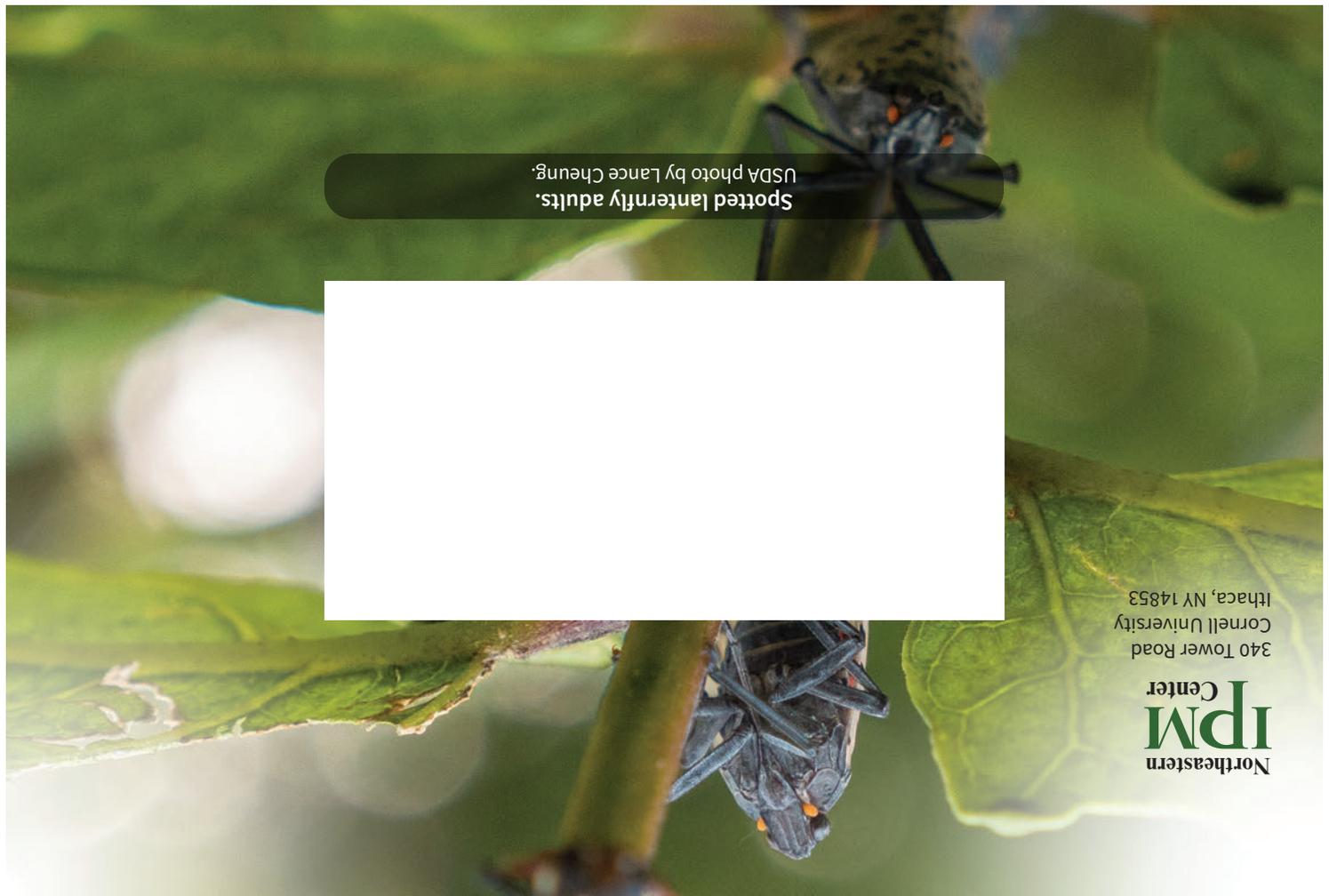
Work is ongoing to limit the spread of SLF and the agricultural havoc it can wreak. It remains a top priority for the Center to continue coordinating the response throughout the region and beyond by bringing together academics and government agencies, supporting research and extension, and creating, sharing, and amplifying regionally relevant news and information.

Credits

IPM Insights: Deborah G. Grantham, Director; Mike Webb, Editor; Kevin Judd, Designer. **Northeastern IPM Center:** Deborah G. Grantham, Jerrie Haines, Jana Hexter, Kevin Judd, David Lane, Susannah Reese, Mike Webb.



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Spotted lanternfly adults.
USDA photo by Lance Cheung.