

The Latest Buzz

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 4 attachments (599 KB)

2024 UKy Lab Manager Ad.pdf; 2024 Summer job description.pdf; ORISEPollinatorPostdocOutreach_March2024.pdf; NJDA Notice of Vacancy - TES Apiary Assistant.pdf;

The Latest Buzz

- The purpose of this roundup is to promote awareness of pollinator actions, opportunities, and research findings. It is not a policy forum.
- This communication is for informational purposes only and should not be construed to represent any official USDA or U.S Government endorsement, determination, or policy.
- Moving forward, the Bee Health Collective (BHC) has offered to redistribute The Latest Buzz to ensure it's delivered to your inbox. If you are having issues receiving The Latest Buzz or would like to invite others to receive the roundup, please [sign up here to receive The Latest Buzz via the BHC](#) (scroll to bottom of the page).
- Have something you'd like to share in the Latest Buzz? Please e-mail pollinator@usda.gov.

Federal Notices and Open Comment Periods:

New:

- [New Searchable Directory for Whole Farm/Micro Farm Agents](#). USDA FSA. March 14, 2024.

Previously Shared:

- [U.S. Environmental Protection Digital Pesticide Labels](#). Intended to make labeling information clearer, more consistent, and more accessible to users. The whitepaper will be open for 120 days for comment at www.regulations.gov on docket [EPA-HQ-OPP-2023-0562](#). Comments due March 14, 2023.

Employment, Fellowship, and Internship Opportunities:

New:

- [Urban Entomology Lab Manager and Industry Project Coordinator](#). University of Kentucky. Closes March 25, 2024. (See attached).
- [State Apiarist](#). Kentucky Department of Agriculture. Closes March 20, 2024.
- [Temporary Apiary Assistant](#). NJ Dept of Agriculture. Closes March 29, 2024. (See attached).
- [State Apiary Inspector Research](#). Connecticut Agricultural Experiment Station
- [USFS Postdoctoral Research Fellowship in Quantitative Ecology with Pollinator Focus](#). USFS. (See attached).

- [Lab Technician, Honey Bee Foraging Dynamics](#). VA Tech. Review begins March 29, 2024.
- [Insect Technician I Renewable Energy Ecology and Insect Conservation](#). Cornell University. Open until filled.
- [Research Associate-Fixed Term](#). MSU. Open until filled.
- [Bee Health: Regional Sales and Marketing Lead North America](#). GreenLight Biosciences. Open until filled.
- Summer 2024 Field Research Assistant - Pollination Ecology. U of Wisconsin-Madison. Review begins April 1, 2024. (See attached).
- [96 new jobs open at the Environmental Protection Agency!](#) Staggered closing times.

Previously Shared:

- [Research Program Director](#). Project Apis m. Open until filled.
- [Executive Director](#). Rocky Mountain Biological Laboratory. Review begins March 29, 2024.
- [Postdoctoral Associate OR Research Scientist \(with BS/MSc\) position to work on pollination biology](#). Mallinger Lab, UF. Applicant review begins March 15, 2024.
- [Postdoctoral Scientist: Habitat suitability and space use of Bombus spp.](#) CT Agricultural Experiment Station. Open until filled.
- [The Hispanic Association of Colleges and Universities \(HACU\) Internships](#). USDA. Multiple positions available.
- [Environmental Horticulture Program Manager](#). IR-4. Open until filled.
- [Penn State Arboretum Horticultural Internships](#). PSU. April-August, 2024.
- [Computer and Information Science and Engineering Graduate Fellowships](#). NSF. Closes May 31, 2024.
- [Hispanic-Serving Institutions: Enriching Learning, Programs, and Student Experiences](#). NSF. Closes June 4, 2024.

Funding and Award Opportunities:

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New:

- [Agriculture and Food Research Initiative - Sustainable Agricultural Systems](#). USDA NIFA. Closes June 6, 2024.
- [Urban innovation Agriculture Community-Based Organization Fund](#). TIME and USDA FSA. Closes April 10, 2024.
- [USDA Urban Agriculture and Innovative Production Grants](#). USDA. Closes April 9, 2024.
- [Ecology and Evolution of Infectious Diseases \(EEID\)](#). U.S. NSF. Closes November 20, 2024.

Previously Shared:

- [NAPPC Annual Awards Nomination Period is Open for: \(1\) Pollinator Advocate Award, \(2\) the Farmer-Rancher Pollinator Conservation Award, \(3\) the Pollinator Roadside Management Award, and \(4\) the Pollinator Electric Power Award.](#) NAPPC. Nomination period closes July 19, 2024.
- [America the Beautiful Challenge 2024.](#) NFWF. Pre-proposals due April 4, 2024.
- [Research Experience and Mentoring \(REM\) Supplemental Funding Opportunities.](#) NSF. Closes April 10, 2024.
- [Approaches to Research & Development Strategic Visioning.](#) NSF. Closes May 31, 2024.
- [Artificial Intelligence, Formal Methods, and Mathematical Reasoning.](#) NSF. Closes June 3, 2024.
- [Partnership to Advance Conservation Science and Practice \(PACSP\).](#) NSF. Closes April 24, 2024.
- [Quantum for Real-World Impact.](#) X Prize. Closes June 1, 2024.
- [Alfalfa Seed and Alfalfa Forage System Program.](#) USDA NIFA. Closes May 2, 2024.
- [Community Change Grants.](#) U.S. EPA. Closes November 21, 2024.
- [New Mexico: Conservation Technical Assistance for Outreach and Education.](#) USDA NRCS. Closes April 13, 2024.
- ['Bellows Award' for the best short video sharing a research,](#) Project Apis m. Closes July 12, 2024.
- [Western SARE Grant- Sabbatical Research & Education.](#) Western SARE. Closes November 21, 2024.
- [Western SARE Grant- Farmer/Rancher.](#) Western SARE. Closes October 23, 2024.
- [Northeast SARE Partnership Grants.](#) NE SARE. Closes April 9, 2024.
- [NE SARE Graduate Research Grants.](#) NE SARE. Closes April 16, 2024.
- [Southern SARE Graduate Student Grants.](#) USDA SARE. Closes May 10, 2024.
- [Southern SARE Research and Education Grants.](#) USDA SARE. Closes June 7, 2024.
- [Central SARE Professional Development Grants.](#) USDA SARE. Closes April 3, 2024.
- [Central SARE Graduate Student Grants.](#) USDA SARE. Closes April 18, 2024.
- [Western IPM Center Planning Documents and Economic Analyses of IPM Systems Grants.](#) Western SARE. Ongoing.
- [Tribal Colleges and Universities Program Hub and Topical Interest Groups.](#) Proposals due May 31, 2024.
- [Equipment Grant Program.](#) USDA NIFA. Closes May 3, 2024.

- [Growing Convergence Research \(GCR\)](#). NSF. [Closes April 12, 2024](#).
- [2024 Leopold Conservation Award](#). Sand County Foundation. [Nominations due May 1, 2024](#).
- [Veterinary Services Grant Program](#). USDA NIFA. [Closes March 21, 2024](#).
- [Distance Education Grants for Institutions of Higher Education in Insular Areas](#). USDA NIFA. [Closes May 20, 2024](#).
- [Neurobiology in Changing Ecosystems \(NiCE\)](#). NSF. [September 30, 2024](#).
- [Small Business Innovation Research and Small Business Technology Transfer Programs Phase II Application](#). USDA NIFA. [Closes March 26, 2024](#).
- [Beginning Farmer and Rancher Development Program \(BFRDP\)](#). USDA NIFA. [Closes April 27, 2024](#).
- [FY 2024 Cooperative Endangered Species Conservation Fund Traditional Conservation Grants Program](#). FWS. [Closes May 3, 2024](#).
- [Broadening Participation in Computing \(BPC\) Supplemental Funding in Computer and Information Science and Engineering](#). NSF. [Deadline dependent on proposal size](#).
- [Advancing STEM Education, Training and Workforce Development at HBCUs](#). NSF. [Submissions encouraged by April 15, 2025](#).
- [Plant Genome Research Program](#). NSF. [Open Year-round](#).
- [The Integrative Research in Biology \(IntBIO\) Track](#). NSF. [Open Year-round](#).

Awarded Funding and Recognitions:

N/A

Publications:

New:

Burns, M. L., C. T. Burns, E. Oberndorfer, J. J. Rykken, D. MacNearney. 2022. [CAFF Arctic Pollinator Monitoring Workshop Report](#). Conservation of Arctic Flora and Fauna International Secretariat, Akureyri, Iceland. ISBN 978- 9935-548-00-9..

Thornton A. [Bees and chimpanzees learn from others what they cannot learn alone](#). Nature. 2024 Mar 6. doi: 10.1038/d41586-024-00427-8. Epub ahead of print. PMID: 38448527.

Bridges, A.D., Royka, A., Wilson, T. *et al.* [Bumblebees socially learn behaviour too complex to innovate alone](#). Nature (2024). <https://doi.org/10.1038/s41586-024-07126-4>

Alkassab AT, Eler S, Steinert M, Pistorius J. [Exposure of honey bees to mixtures of microbial biopesticides and their effects on bee survival under laboratory conditions](#). Environ Sci Pollut Res Int. 2024 Mar 7. doi: 10.1007/s11356-024-32753-9. Epub ahead of print. PMID: 38453759.

Cook D, Hauxwell C. [Providing rigor in bee colony strength auditing methods](#). J Econ Entomol. 2024 Mar 5:toae032. doi: 10.1093/jee/toae032. Epub ahead of print. PMID: 38439717.

Bossert S, Pauly A, Danforth BN, Orr MC, Murray EA. [Lessons from assembling UCEs: A comparison of common methods and the case of Clavinomia \(Halictidae\)](#). Mol Ecol Resour.

2024 Apr;24(3):e13925. doi: 10.1111/1755-0998.13925. Epub 2024 Jan 6. PMID: 38183389.

Delaplane, K., Hagan, K., Vogel, K. et al. [Mechanisms for polyandry evolution in a complex social bee](#). Behav Ecol Sociobiol 78, 39 (2024). <https://doi.org/10.1007/s00265-024-03450-x>

Graham, K. K., McArt, S., & Isaacs, R. (2024). [High pesticide exposure and risk to bees in pollinator plantings adjacent to conventionally managed blueberry fields](#). *Sci Total Environ*, 922, 171248. doi:10.1016/j.scitotenv.2024.171248

Rivest S, Muralidhar M, Forrest JRK. 2024 [Pollen chemical and mechanical defences restrict host-plant use by bees](#). Proc. R. Soc. B 291: 20232298. <https://doi.org/10.1098/rspb.2023.2298>.

Hesketh-Besta , PJ; P.D. Fowler; M.O Nkechi; M.O. Milbrath; C.D. Schroedera. 2024. [Sacbrood viruses and select Lake Sinai virus variants dominated Apis mellifera colonies symptomatic for European foulbrood \(pre-print\)](#). : Journal of Virology (ASM). <https://doi.org/10.1101/2024.03.11.584375>.

G. Pugsek; U. Müller, N.M. Williams, E.E Crone. 2024. [Resurrecting historical observations to characterize species-specific nesting traits of bumblebees \(pre-print\)](#). American Naturalist. <https://doi.org/10.1086/730375>

Nicholson, C. C., Lonsdorf, E. V., Andersson, G. K. S., Knapp, J. L., Svensson, G. P., Gönczi, M., Jonsson, O., de Miranda, J. R., Williams, N. M., & Rundlöf, M. (2024). [Landscapes of risk: A comparative analysis of landscape metrics for the ecotoxicological assessment of pesticide risk to bees](#). Journal of Applied Ecology, 00, 1–12. <https://doi.org/10.1111/1365-2664.14622>

L.A., Tai, T., Zuckerberg, B., Clare, J.D., Jepsen, S., Strange, J. et al. (2024) [Local floral abundance influences bumble bee occupancy more than urban-agricultural landscape context](#). Insect Conservation and Diversity, 17(2), 215–228. Available from: <https://doi.org/10.1111/icad.12719>

News:

New:

- [USDA Researchers Use an Edible Blue-Green Algae to Protect Honey Bees Against Viruses](#). USDA ARS News. March 19, 2024.
- [National Oceanic and Atmospheric Administration \(NOAA\), the contiguous U.S. experienced the warmest meteorological winter \(December-February\) and the third warmest February on record](#). USDA NASS. March 14, 2024.
- [Project GNBee – Ground nesting bee mapping](#). Cornell University.
- [UIC-led effort to protect the monarch butterfly surpasses 50 industry partners](#). UIC Press Release. March 6, 2024.
- [A gentle tap to the hive can reveal health of honeybee colonies, study confirms](#). Phys.org. March 5, 2024.
- [Penn State College of Ag Sciences seeks partners for statewide tech initiative](#). PSU News. February 28, 2024.
- [The importance of honey bees on Wisconsin's agriculture industry](#). Wisconsin News. March 14, 2024.

Events, Webinars, and Trainings:

New:

- [The Role of Managed Conifer Forests in Supporting Native Bee Communities in the Pacific Northwest](#). Jim Rivers, SAF. March 21, 2024 3:00 PM ET.
- [Invasive species in Europe](#). Apimondia. March 24, 2024, 10:00AM ET.
- [Technologies for Agriculture and Living Systems Symposium](#). PSU. May 7-8, 2024.
- [The Hunt for Premium Carniolan Drones in Slovenia 2023 with Megan Mahoney \(pre-recording\)](#). MSU. February 23, 2024.
- [Integrated Pest Management of Varroa and Small Hive Beetles with Cameron Jack. Bee Tuned](#). April 3, 2024.
- [Endangered Species Act and Pesticides: An Example](#). Bill Chism, WSSA. Cornell University. Wednesday, March 20, 2024, 11:00 AM ET.
- [2023-24 NAPPC Grantee Reporting Symposium](#). NAPPC. Tuesday, April 9, 12:00 PM ET.
- [International Conference on Beekeeping for Sustainable Agriculture, Ecosystem Services and Rural Livelihoods \(BEE 2024\)](#). November 18-19, 2024.

Previously Shared:

- [Beekeeping Around the World Webinar Series](#). PSU. March 7-28.
 - “Tibetan Plateau,” March 21.
 - “World Traveler,” March 28.
- [Michigan Veterinary Professionals Honey Bee Medicine Series](#). Series begins March 20, 2024.
- [Pollinator Steward Certification Program](#). Pollinator Partnership. February-April, 2024. Virtual.
- [Beekeeping Basics Webinar Series \(In Spanish Language\)](#). Penn State Extension. February 15-March 21, 2024.
- [The Use of IPM in Beekeeping to Control Parasitic Varroa Mites](#). Dr. Robyn Underwood, Penn State University. March 11, 2024 – 11:00 AM ET.
- [2024 National Extension and Research Administrative Officers \(NERAOC\) Conference](#). Wilmington, DE. April 7-10, 2024.
- [The Future of Orchids: Conservation and Collaboration \(includes pollinators\)](#). National Portrait Gallery, Washington DC. Runs through April 28, 2024.
- Pollinator Week. June 17-23, 2023.
- [Natural History of Native Bee Course](#). Eagle Hill Institute. Steuben, Maine. June 23-29, 2024.

- [Climate Crossroads Summit 2024](#). National Academy of Sciences. July 16-17, 2024. Virtual and In-Person.
- [Eastern Apicultural Society](#). Turf Valley, MD. August 5-9, 2024.
- [Pollinator Conservation 101](#). Mississippi River Operation Pollination Partnership. La Crosse, WI. September 28, 2024. (See attached flyer).
- [20th COLOSS Conference 2024](#). Netherlands. November 12-23, 2024.
- [ACES: A Community on Ecosystem Services Conference](#). Austin, Texas, USA, December 9-12, 2024. Proposal submission deadline: April 5, 2024.

Data Releases:

N/A

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