



NAPPC

North American Pollinator Protection Campaign Call for Research Proposals Related to Honey Bee Health

Background

The North American Pollinator Protection Campaign (NAPPC) is seeking proposals for research related to improving the health of honey bees. Proposals should focus on research to understand, manage, suppress, and eradicate Varroa mites, small hive beetles, and other pests, pathogens, and diseases contributing to colony losses. Summaries of previously funded projects can be found at http://pollinator.org/honeybee_health.htm.

Research Needs

We anticipate supporting several proposals, for a maximum of \$10,000 for each individual proposal. Students and post-doctoral research fellows are encouraged to apply. Funds must be used within a one-year period. Focused, targeted projects with a high likelihood of providing tangible results that can be applied to improving bee health are preferred. Proposals providing valuable extensions of previously funded projects will be considered but must be distinct. Principal investigators of all funded projects will be expected to present the results at the 2022 NAPPC meeting and encouraged to serve on the Honey Bee Health Task Force in the future.

Priority Areas

The Honey Bee Health Task Force has identified seven priority areas for funding, though other areas will be considered as well.

1. Effects of **pathogens and pests** on honey bee behavior, physiology and/or colony health; including the development of novel methods to mitigate these effects.
2. Effects of **nutrition** on pest, pathogen, and disease incidence.
3. Effects of **pesticides** on pest, pathogen, and disease incidence.
4. Effects of **parasite and pathogen** shared between bee species.
5. Development of approaches for **genetic stock** improvement of honey bee populations to enhance resistance to pathogens and parasites.
6. Effects of **climate or environmental variables** on honey bee pests, pathogens, and disease incidence.
7. Development of **diagnostics** or indicators for the presence of pests, pathogens and diseases that affect honey bee health.

Proposal Requirements

- 1) Proposal title and research team with contact information including email(s), physical mailing address, and telephone number(s).
- 2) Priority area focus/foci.
- 3) 3 page-project description (Arial, 12-pt font, single spaced, with page numbers, references are not included in this page limit) with sufficient background and description of methods to ascertain the importance and feasibility of the studies.
- 4) Detailed budget. As a non-profit organization the Pollinator Partnership/NAPPC does not pay overhead on funded research grants.
- 5) Research timeline by month (approximately April 2022 to April 2023).
- 6) 2-page resume of the principal investigator(s).
- 7) Please explain if the proposal is under consideration by other funding organizations.
- 8) If the PI has previously received funding from NAPPC, please include information about the outcomes of that funding, including publications, presentations, and/or leveraging to obtain additional funding (up to 1/2 additional page).

Submission

Email your proposal packets as a single PDF file to Reed Lievers (reed@pollinator.org) by 3PM PST on Friday, January 21, 2022.

Email Reed with any questions.

Funding Decisions

The proposals will be evaluated, and funding notifications will be made by March 1, 2022.