



Funding Generations of Progress
Through Research and Scholarships

Please read application in its entirety

Application for Production & Post-Harvest Research Funding

Introduction:

Thank you for your interest in submitting a research application to identify and solve floral industry challenges. Your work and expertise is extremely important to us and to the future of floriculture.

In an effort to streamline our review process and make the application process easier for you, AFE has moved to a single application review system. No longer will there be a pre-proposal application followed by a full proposal submission. We've created this new application that will be reviewed by the AFE research committee, SAF's Growers Council, and then peer reviewed, if selected.

To help guide your research projects, we've provided our research priorities as identified by our stakeholders. While these are our current priorities, we encourage you to submit any research proposals that identify and solve current and future floral industry challenges. AFE's research priorities are reviewed annually and modified as needed.

AFE's primary research priorities are listed below. They are focused on all floricultural crops – fresh cut flowers, fresh cut greens, flowering potted plants, foliage plants, perennials and bedding plants.

- Botrytis Control and Management
- Thrips Control and Management
- Postharvest Technology
- Production Technology
- Advanced Breeding Technology, including CRISPR
- Long-Term Storage and Shipping Conditions for Cut Flowers, Bedding and Potted Plants
- Automation and Technology Leading to Labor Savings

If you have any questions about this new process, or the application, please don't hesitate to contact AFE Research Coordinator Dr. Terril Nell (tnell@afeendowment.org), or AFE Executive Director Debi Chedester (dchedester@afeendowment.org)

American Floral Endowment
1001 North Fairfax Street, Suite 201, Alexandria, VA 22314
Telephone – 703-838-5211 / FAX – 703-838-5212

Application Timeline and Guidelines

Research Application

- The application must be completed in its entirety using the provided form, including a two-page description, and a letter of endorsement acknowledging compliance with university policies.
- A realistic timetable, budget and scientific approach must be provided. Inclusion of preliminary data is desired.
- Literature review must be brief, but include relevant research conducted either domestically or internationally.
- Applications do not require an intellectual property agreement. However, all researchers must be aware of and conform to their organizational property rights agreements.
- Applications not conforming to these guidelines will not be reviewed.

Application and Review Timeline:

- Applications with supporting materials must be submitted electronically in a single PDF file by June 1 of each year – PDF should be emailed to: dchedester@afeendowment.org
- All applicants will be notified of application status/preliminary approval and peer review no later than October 15.
- Projects selected for final funding will be notified in January of each year.
- If funded, researchers agree to:
 - Present a special research reports at the conclusion of the project (within 60 days of the completion of project.
 - Provide acknowledgment of funding by the American Floral Endowment in all publications and presentations.
 - Submit an annual project progress report annually (for multi-year projects).
 - Publish not only in professional journals and other scientific publications but also in industry publications, recognizing AFE with logo and acknowledgement.

Multiple-Year and Team Projects

To accomplish the research goals of the project, the Endowment funds one to three-year projects. In addition, projects with either a single researcher or multiple researchers at the same or different institutions are considered. When two or more researchers are included, a “team leader” must be designated to coordinate the implementation and reporting of the project. Grants will be paid to each team member and/or institution separately as requested.

Industry Relevant Research

Research funded by the American Floral Endowment should be relevant to current and future industry needs and results should provide information that has commercial applications directly to the industry – growers, wholesalers, retailers and transportation. Publication of trade magazine articles, AFE newsletter articles and scientific publications will be requested as part of funded projects. Researchers may be asked to participate in webinars and to provide presentations for the flower industry.



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Production & Post-Harvest Research Application

Application must be typed into this form and submitted by June 1. Submit electronically (PDF) to: American Floral Endowment, dchedester@afeendowment.org

Research Project Title: Must be concise and descriptive.

Running (three word) Title: _____

Identification of Research Goals: Precise identification of the specific objectives of the project.

Proposed Project Duration Start (Mo/Yr) Completion (Mo/Yr) Total Years

Designated Research Category (Check only one):

- | | | |
|-----------------------|-----------------------------|------------------------------------|
| Breeding and Genetics | Flower Storage and Shipping | Production Technology/Protocols |
| Disease Management | Nutrition/Water Management | Automation/Labor Saving Technology |
| Insect Management | Post-Production | Other |

Project Description

Two to four page project description must be submitted as a separate PDF using a 12-point font. It must include:

- Precise identification of the current and/or potential problem (project objectives).
- Proposed industry impact of the research to the industry.
- Inclusion of preliminary data, which is highly encouraged.
- Development of realistic approaches and timetable to solve the problem.
- Resources available and/or required to carry out the project.
- Citations of pertinent literature.

Total Estimated Cost: (No university overhead or indirect costs will be funded and must not be included). List multiple year requests here. ****Multi-year projects must contain budgets for all years.***

Year 1 _____ Year 2 _____ Year 3 _____

If funded, make check payable to: _____

Researchers: For projects involving multiple researchers, a “team leader” must be identified to coordinate the implementation and reporting for the project.

Team Leader & Academic Rank

Institution

Other Researchers:

Name & Information of Team Leader Submitting Application:

Name _____ Date: _____

University: _____ Department: _____

Address: _____ City: _____ State: _____ Zip: _____

Telephone: _____ Email: _____



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PROPOSED BUDGET

Running Title:			
Year of Application:			
Team Leader:	YEAR 1	YEAR 2	YEAR 3
Salaries and Wages			
Graduate Student(s)			
Technical Support Staff			
Post Doctoral			
Equipment *			
Materials and Supplies **			
Travel			
Publication Costs			
Other: (Explain)			
TOTAL REQUESTED PER YEAR			

* Describe any equipment over \$5,000

** Provide list of materials and supplies

REQUIRED SUPPLEMENTAL BUDGET INFORMATION

PROJECT SCHEDULING & DURATION

Indicate 12-month period for requested funding (must begin after July) (Mo/Yr) _____ through (Mo/Yr) _____

Certify date when funds are needed for this 12-month period (Mo/Yr) _____

Will project be completed at the end of this 12-month period? Yes No

If no, provide projected completion date (Mo/Yr) _____ (Must not be longer than funded project dates)

OTHER FUNDING SOURCES

1. Reoccurring research funds from Agricultural Experimental Station _____

2. Funds from USDA Research Initiative _____

3. Other Outside Research Funds _____

Sources:

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

TOTAL _____

Please include the below information as the final page(s) of the PDF document.

1) Researcher resumes (Limit to 1 page per researcher).

2) List of all project personnel (Provide the information listed below for each researcher that is being funding. Limit to one page per researcher).

a. Project Leader

b. Technician(s)

c. Graduate Student(s)

d. Post-Doctoral(s)

e. Visiting Scientist(s)

f. Other Personnel

3) List of relevant publications by researchers for the past 2 years