

How to Apply for a U.S. EPA P3 Grant

EPA P3 Team

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November 8, 2018



Webinar Information

- We have set aside time at the end of the webinar for questions. You can submit them to the chat box on left.
- Your computer audio is automatically connected when you sign into Adobe Connect
- You can also connect your audio via your phone:
 - Conference Number: (866) 299-3188
 - Conference ID: 9195415646 (then #)



Request for Application/Solicitation

16th Annual P3 Awards: A
National Student Design
Competition
for Sustainability Focusing on
People, Prosperity and the
Planet

<https://www.epa.gov/research-grants/16th-annual-p3-awards-national-student-design-competition-focusing-people-prosperity>

Open until December 11,
2018

Apply Now through
Grants.gov!





Webinar Information

- Webinar is for informational purposes
- Solicitation should be the official source of information



Of note

- Higher funding amounts
- Updated research topic areas
 - Must choose a topic area
- Updated relevancy review criteria
 - Research should primarily be performed in the U.S. and should primarily benefit the U.S.
- Address needs of small, rural, tribal, and disadvantaged communities
- Encourage partnerships with industry, non-governmental organizations (NGOs), and other educational and research institutions



What is the P3 Program?

- A two-phase grants competition for teams of students to design for sustainability
- Support **innovative research** on projects or designs
- Developed by an **interdisciplinary** team of students to:
 - improve quality of life for **people**
 - promote **prosperity** by developing local economies, and
 - protect the **planet** by conserving resources and minimizing pollution...
- The “P3 Approach”



Two-Phase Program

- Phase I: Design solution (**\$25,000**) – 1 Year
 - Teams bring their projects
 - Expo in Spring (typically an East Coast City)
 - Great opportunity to network with other teams and professionals in the field
- Phase II: Further develop project (**\$100,000**) – 2 Years
 - Demonstrate in the field or develop science leading to implementation



P3 Program Goals

- Engage and educate the next generation of students and communities in understanding and using the P3 Approach
- Support innovative projects that implement the P3 Approach, especially in communities with the greatest needs
- Demonstrate the technologies to prove their effectiveness and value
- Foster the development of enterprises that will disseminate the technologies in the target communities and elsewhere



FY2018-2022 US EPA Strategic Plan

- Plan can be found here:

<https://www.epa.gov/sites/production/files/2018-08/documents/fy-2018-2022-epa-strategic-plan-print.pdf>

P3 program is supported under:

- **Goal 3: Rule of Law and Process, Objective 3.3. Prioritize Robust Science**
- **Benefit to vulnerable groups such as children, tribes, environmental justice communities and other susceptible populations**



Funding Opportunity Numbers

- Applicants should address one of the research areas listed below in their Phase I proposals. *Note that each application must be submitted using a single Funding Opportunity Number (FON)*
- Within the selected research area, applicants should select one of the listed topics to be the focus of their project
- If applicants propose a project that does not address one of these topics, they may not be evaluated as highly during the relevancy review, and therefore may not be recommended for an award

Address *one* of the research areas
Section I.E. of solicitation

- Air Quality
 - Emissions reduction and control, multipollutants and emissions from mobile sources
- Safe and Sustainable Water Resources
 - Drinking water treatment, wastewater infrastructure; PFAS, Lead, Antibiotic resistant bacteria, microplastics
- Sustainable and Healthy Communities
 - Remediation of PFAS contaminated soil, less toxic building materials, reduction of food waste, PVC and PE reduction in water pipes
- Chemical Safety
 - Non-toxic chemicals and materials; reduction of ozone depleting chemicals

Project team demonstrations
at Expos



- Only eligible entities may apply:
 - ❖ Public & Private non-profit, degree-granting institutions of higher education
 - ❖ Located in the United States
 - ❖ Collaboration with colleges and universities outside the U.S. is permitted.
 - ❖ Community Colleges are eligible
- Institutions may submit more than one application, **but they can not be inter-dependent.**



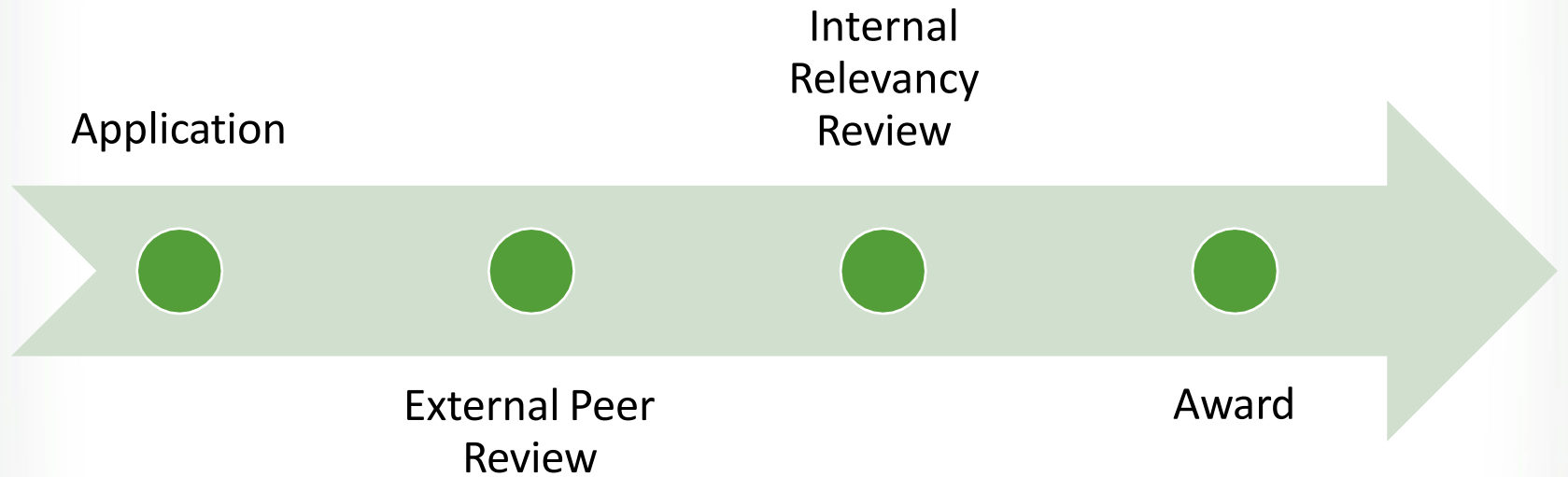
Federal Advisory Committee (FAC) membership

- Current members on EPA Federal Advisory Committees cannot receive assistance agreements, including P3 grants
- See the EPA Administrator's [directive](#) on FAC membership and receiving EPA grants
- Full link to directive:

https://www.epa.gov/sites/production/files/2017-10/documents/final_draft_fac_memo-10.30.2017.pdf



Application Evaluation and Selection



- **Criteria for External Peer Review**
 - Four equally-weighted categories of evaluation
 - Proposal Quality
 - Overall Sustainability
 - Education and Teamwork
 - Budget and Project Management
- **Criteria for Internal Programmatic Review**
 - Relevance to EPA's Research Priorities
 - Past performance of Principal Investigator

- Institutional Review Board (IRB) clearance is required from applicant for any research dealing with human subjects, including surveys.
- This doesn't need to be obtained prior to proposal submission.



P3 Success Stories

- Since P3's inception in 2004
 - Supported 4000 students from 234 institutions across all 50 states and Puerto Rico
 - Awarded 726 grants totaling more than \$15.5 million
 - Resulted in:
 - 200 publications
 - 15 patents
 - 28 small businesses and nonprofits formed

2017 EPA *Environmental Workforce and Innovation Report*

https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=339575&Lab=NCER&simpleSearch=0&showCriteria=2&searchAll=p3&TIMSType=&dateBeginPublishedPresented=08%2F31%2F2016

Lucid

Commercial energy savings
through real-time monitoring

Clinton Global Initiative

Partnered with Google and
Autodesk

\$30 Million Dollars in investment



- Solar, clean burning cookstove
- B Corp Best for the World Award 2015
- Featured on Dec 17, 2015 Top Chef Episode by Jose Andres
- Found in 60+ countries



ONE EARTH
DESIGNS



RFA Contacts

- Questions regarding Eligibility, Contact:
 - Ron Josephson josephson.ron@epa.gov
- Questions on Technical Issues, Contact:
 - Angela Page page.angelad@epa.gov
- Questions on Program Information, Contact:
 - April Richards richards.april@epa.gov
- We look forward to seeing your application.
- Good Luck!

Any Questions?

