



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

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## Webinar Information

- We have set aside time at the end of the webinar for questions. You can submit them to the Q&A box on left.
- To connect your audio, click on the  at the top and select the Using Microphone (Computer/Device) option.
- You can also connect your audio via your phone:
  - Conference Number: (866) 299-3188
  - Conference ID: 2025646462



## 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 that
  - improve quality of life for **people**
  - promote **prosperity** by developing local economies, and
  - protect the **planet** by conserving resources and minimizing pollution...”



# Request for Application

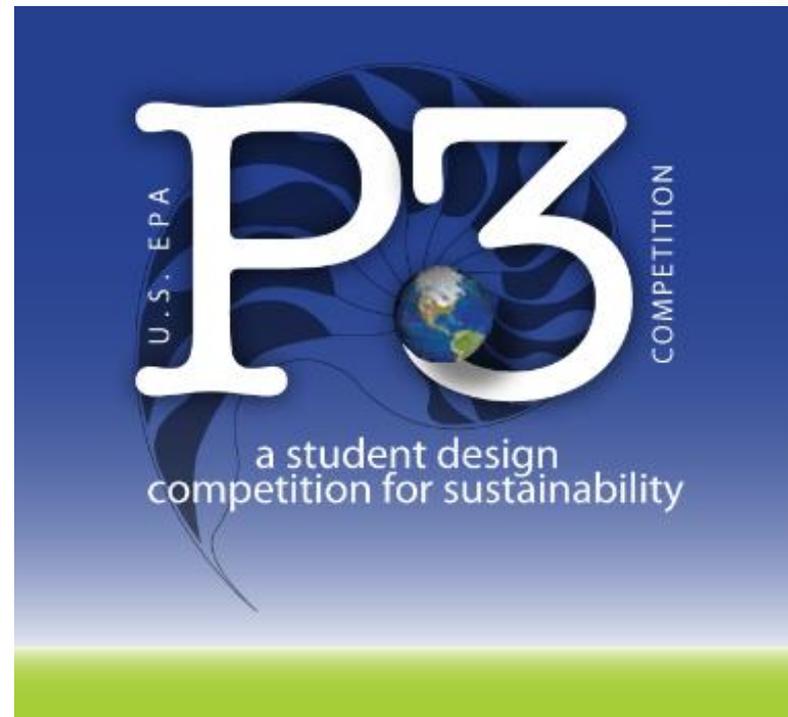
14th Annual P3 Awards:

A National Student Design  
Competition  
for Sustainability Focusing on  
People, Prosperity and the  
Planet

<https://www.epa.gov/research-grants/14th-annual-p3-awards-national-student-design-competition-sustainability-focusing>

Open until Friday February 3,  
2017

Apply Now through  
Grants.gov!





## Two-Phase Program

- Phase I: Design solution (\$15,000) – 1 Year
  - Selected Teams bring their projects Washington, DC
    - Expo in Spring
    - Great opportunity to network with other teams and professionals in the field
- Phase II: Further develop project (\$75,000) – 2 Years
  - Demonstrate in the field or develop science leading to implementation



# Statutory Authority and Regulation

- EPA can only fund grants supported by these statutes:
  - Clean Air Act
  - Clean Water Act
  - Safe Drinking Water Act
  - Federal Insecticide, Fungicide and Rodenticide Act
  - Solid Waste Disposal Act
  - Toxic Substances Control Act
- Proposed research must be shown to “reduce pollution”

- Energy
  - Green Energy
- Built Environment
  - Green Buildings
  - Smart Growth
- Materials and Chemicals
  - Sustainable Materials
  - Sustainable Chemistry
  - Preventing and Reducing Food Waste
- Water
  - Drinking Water
  - Water Quality
  - Wastewater and Water Reuse





# Outputs and Outcomes

- **Output:** A report, a product, an invention
  - Something tangible
  - Example: The grantee developed a simple sand filter to purify drinking water in a Mexican village (output).
- **Outcome:** Results from the output
  - Answers the question: Why do we care?
  - Example: It prevented 300 cases of dysentery and reduced the mortality rate by 30% (quantitative outcome).



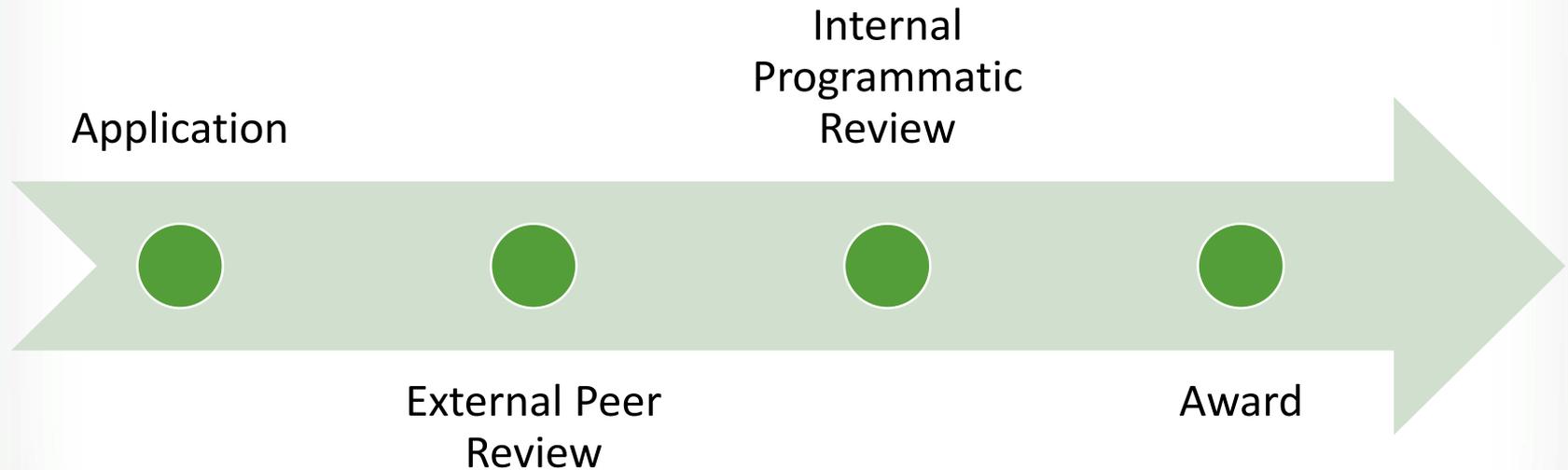
## Special Requirements

- EPA staff may not assist applicant with developing the technical aspects of the proposal
- There can only be one Principal Investigator (PI) for each grant
  - Needs to be a faculty member
  - Has the ultimate responsibility for the grant



## Eligibility

- 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.



- **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



## Human Subjects

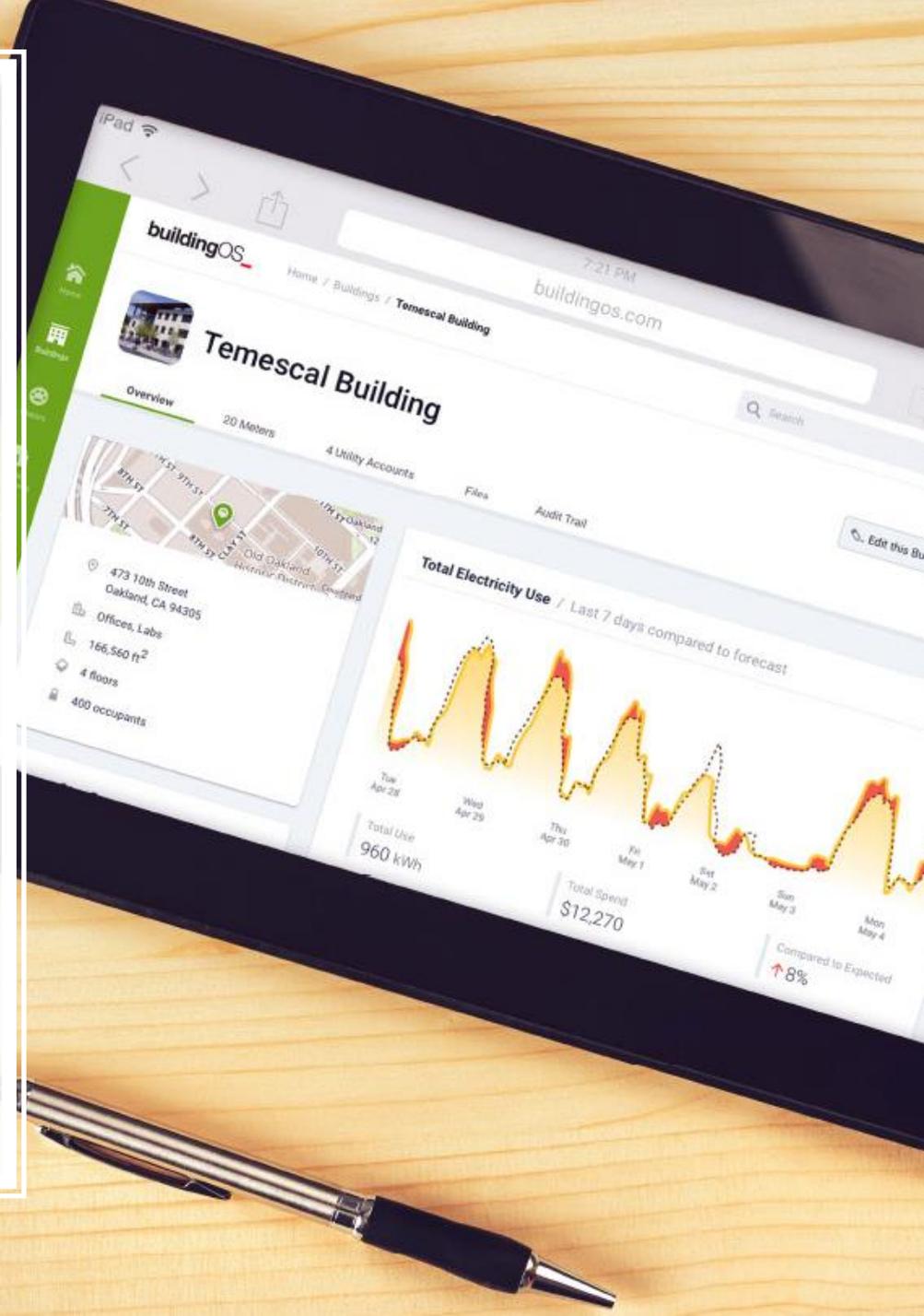
- Institutional Review Board (IRB) clearance is required from applicant for any research dealing with human subjects, including surveys.
- This doesn't need to be obtained prior to proposal submission.



# P3 Success Stories

# 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 17th Top Chef Episode by Jose Andres
- Found in 60+ countries



ONE EARTH  
DESIGNS



# Questions and Contacts

- Questions regarding Eligibility, Contact:
  - Ron Josephson [josephson.ron@epa.gov](mailto:josephson.ron@epa.gov)
- Questions on Technical Issues, Contact:
  - Cynthia McOliver [mcoliver.cynthia@epa.gov](mailto:mcoliver.cynthia@epa.gov)
- Questions on Program Information, Contact:
  - April Richards [richards.april@epa.gov](mailto:richards.april@epa.gov)
- We look forward to seeing your application.
- Good Luck!