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# science in ACTION

INNOVATIVE RESEARCH FOR A SUSTAINABLE FUTURE

## EPA's Small Business Innovation Research (SBIR) Program Opportunities for Environmental Technology Developers

### EPA SBIR Program

The U. S. Environmental Protection Agency's (EPA) mission is to protect human health and the environment. EPA's SBIR Program supports small businesses (500 or fewer employees) to develop and commercialize novel environmental technologies that support this mission.

Phase I awards are \$100,000 for six months and for "proof of concept" of the technology. Phase II awards are for up to \$300,000 for two years to further develop and commercialize the technology. Phase II companies that obtain qualifying third party investment are eligible for a commercialization "option" of \$100,000.



For information on the EPA SBIR Program, visit [www.epa.gov/sbir](http://www.epa.gov/sbir) or contact April Richards, SBIR Program Manager, at (202) 564-6462 or [richards.april@epa.gov](mailto:richards.april@epa.gov).

For information on the government-wide SBIR Program, visit [www.SBIR.gov](http://www.SBIR.gov).

Join the listserv for notices about the 2016 solicitation and other EPA funding opportunities.

<https://www.epa.gov/research-grants/research-grants-fellowship-and-sbir-listserv>

### EPA Solicitation

The next EPA SBIR Phase I solicitation is scheduled to open Summer 2016. The **DRAFT** topics are listed below.

#### **Air and Climate**

- Inexpensive Indoor Formaldehyde Sensor
- Low-Cost Sensor for Fugitive Methane Emissions

#### **Manufacturing**

- Greener Manufacturing of Plastics
- Greener Plastic Materials and Products

#### **Toxic Chemicals**

- Cleaner Manufacturing Processes for Dyes, Paints
- Technologies to Help Consumers Understand the Chemical Composition of Products

#### **Water**

- Non-Reverse Osmosis Desalination Units for Small Communities
- Non-Toxic Coatings for Water Pipes that Prevent Biofilms, Corrosion, Scaling, and Leaching
- Simple Lead Test for Tap Water

#### **Water and Homeland Security**

- Water Pipes that Prevent Biofilms, Corrosion and Scaling

#### **Greener Buildings**

- Non-Toxic Interior Construction Materials
- Greener Exterior Construction Materials

An informational webinar on this year's solicitation was held on June 14<sup>th</sup>. To view slides and materials from the webinar, visit:

<https://www.epa.gov/sbir/sbir-special-announcements>

### Other Agencies

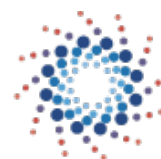
Additional opportunities for SBIR funding for environmental technologies are available through other agencies such as National Science Foundation (NSF) and National Institute of Environmental Health Sciences (NIEHS), Department of Energy (DOE), U.S. Department of Agriculture (USDA), and National Oceanic and Atmospheric Administration (NOAA).

### **NSF SBIR Program**

The NSF SBIR Program supports a broad range of technologies and issues two solicitations per year. For more information on the program, go to <http://www.nsf.gov/eng/iip/sbir/>. Questions about NSF's SBIR Program can be addressed to Joe Hennessey at [jhennessey@nsf.gov](mailto:jhennessey@nsf.gov).

### **NIEHS SBIR Program**

The NIEHS Superfund Research Program (SRP) supports technologies to characterize, monitor and remediate hazardous substances at contaminated sites. The NIEHS application receipt dates are April 5, August 5 and December 5 each year. Questions about NIEHS SRP's SBIR Program can be addressed to Heather Henry at [henryh@niehs.nih.gov](mailto:henryh@niehs.nih.gov) or by visiting the NIEHS website at <http://www.niehs.nih.gov/funding/grants/mechanisms/sbir/index.cfm>.



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