



# Environmental Protection Agency's Small Business Innovation Research (**SBIR**) Program

April Richards, Program Manager  
DOE SBIR Phase I PI Meeting  
October 30, 2019



# EPA-SBIR Mission

## EPA

Protect human health  
and the environment

## EPA SBIR

Support development and  
commercialization of innovative  
technologies to meet Agency's  
mission





# EPA SBIR Budget & Awards

Award Budget for FY19 = ~\$5 M

## PHASE I:

*Proof Of Concept*

\$100,000

6 Months

Awards  
=  
Contracts

## PHASE II:

*Develop & Commercialize  
Technology*

\$400,000

2 Years

Commercialization Option = \$100,000

# EPA'S SBIR Program



One of the small SBIR Programs



Provide awardees with EPA technical connection



Focus on commercialization: \$6,500 & \$100,000



Communicate successful projects



Help to protect the planet



# Annual Solicitation Next Opening Planned for June 2020



Information at: [www.epa.gov/sbir](http://www.epa.gov/sbir)

Apply at: FedConnect

Subscribe to SBIR listserv:

<https://www.epa.gov/sbir/sbir-listserv>



- Clean & Safe Water



- Air Quality



- Land Revitalization



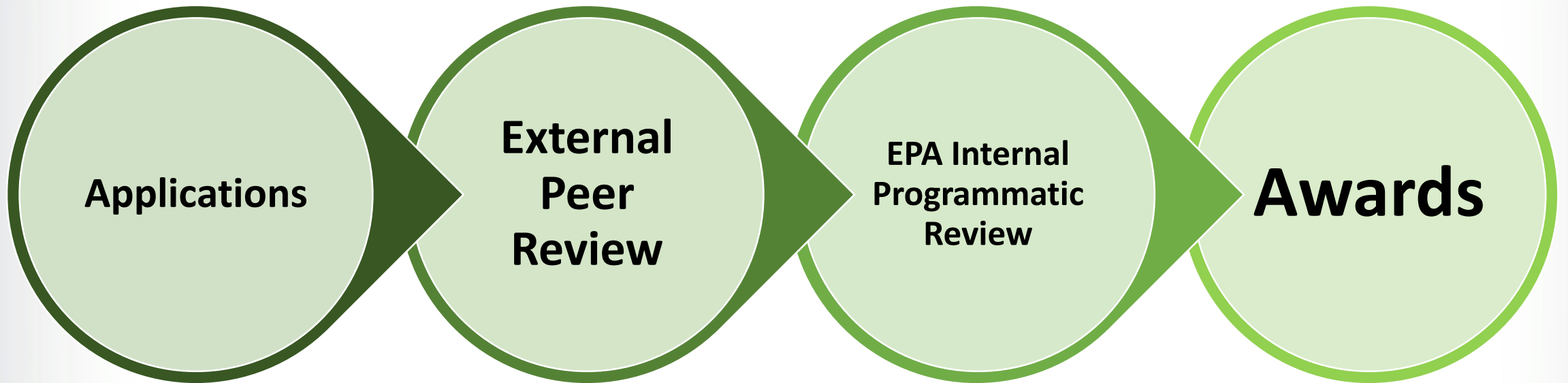
- Homeland Security



- Sustainable Materials Management



- Safer Chemicals





# EPA SBIR Success Stories







Mushroom materials for packaging, insulation, & structural cores



A replacement for Styrofoam



Utilizes fungal mycelium grown on agricultural waste



Renewable, Biodegradable, Compostable

Recently licensed “leather” biomaterial to Bolt Threads (Forbes, 4/2018)



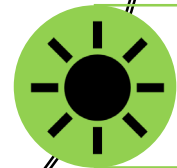
# EP Purification: Champaign, IL



Design/manufacture ozone-producing water disinfection systems



Systems generate any amount of ozone for precise disinfection



Available with solar panel, this allows use in +24 countries

Received the 2014 Wells Fargo Clean Energy Challenge Prize & Entrepreneurial Excellence New Venture Award



# For More Information

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