



**Pipeline and Hazardous Materials Safety Administration
Office of Pipeline Safety**

PHMSA's Year-Round R&D Solicitation of Gap Ideas

Sentho White, Director, Engineering & Research Division

December 2, 2021



Open Solicitation for Research Gap Ideas

- PHMSA expanded stakeholder engagement
 - Reach more than those attending public events
 - Establish a pool of research gap ideas
- March 2019 Special Notice Released
 - “Identifying Pipeline Safety Research Ideas”
 - Invited any interested stakeholder to submit ideas for future research



Courtesy: Society for Personality and Social Psychology



How It Works / History to Date

- Research Gap Ideas:
 - Must be an idea jurisdictional to PHMSA's statutory mission
 - Reviewed to remove duplication to currently funded PHMSA or research partner portfolios
 - Presented to and approved PHMSA leadership to solicit
 - Competitively solicited in either SAM or Grants.gov
- Program Statistics Since 2019
 - 37 total submitted gaps
 - 5 gap ideas funded to date
 - \$3.3M PHMSA funding: leak detection, hydrotesting, stress corrosion cracking and plastic pipe inspection



Where Can I Learn More?

- Anyone, Anywhere at Anytime visit:
 - <https://primis.phmsa.dot.gov/rd/gapsuggestions.htm>
- Follow the instructions and fully populate the requested data fields
- PHMSA reviews the submissions and may supplement gap ideas into research solicitations at any time



Courtesy: DigitalDiplomacy



Thank You!

Research Program Contacts

Sentho White

Director – Engineering & Research
Department of Transportation
Pipeline & Hazardous Materials
Safety Administration
Office of Pipeline Safety
(202) 366-2415
sentho.white@dot.gov

Robert Smith

R&D Program Manager
Department of Transportation
Pipeline & Hazardous Materials
Safety Administration
Office of Pipeline Safety
(919) 238-4759
robert.w.smith@dot.gov

Kandilarya Barakat

Operations Supervisor
Department of Transportation
Pipeline & Hazardous Materials Safety
Administration
Office of Pipeline Safety
(202) 941-8623
kandilarya.barakat@dot.gov

Nathan Schoenkin

Senior Engineer
Department of Transportation
Pipeline & Hazardous Materials Safety
Administration
Office of Pipeline Safety
(202) 740-1978
nathan.schoenkin@dot.gov

