




**Collection of Concordant Multimedia  
Measurements to Evaluate PFAS  
Human Exposure Pathways**



**Informational Webinar for Applicants**

**EPA Center for Public Health and Environmental Assessment**

**July 21, 2021**

- Review application Information for the EPA RFA:  
**“Collection of Concordant Multimedia Measurements to Evaluate PFAS Human Exposure Pathways”**
- Provide guidance for eligibility, submission, technical aspects of application process 
- Answer questions about the application process

## Webinar Ground Rules

- Please hold your questions until all EPA presentations have been made.
- You may type your questions in the comments box. 
- No specific research project or idea can be discussed but, clarifying questions regarding what is written in the RFA announcement may be answered.
- These slides will be provided after the webinar.
- Please keep yourself muted during the presentation. 

- **Technical Contact:** Dave Kelley, Project Officer (kelley.dave@epa.gov); phone: 202-564-0251
- **Eligibility Contact:** Ron Josephson, Eligibility & Peer Review Officer (josephson.ron@epa.gov); phone: 202-564-7823
- **Electronic Submissions:** Debra M. Jones, Administrative Officer (jones.debram@epa.gov); phone: 202-564-7839





## RFA & Award Information

- Estimated Number of Awards: 2
- Anticipated Funding Amount: \$250,000 per award
- Proposed budget must not exceed \$250,000
- RFA will close on August 23, 2021 at 11:59:59 pm Eastern Time

**Read the RFA very carefully, all necessary information is provided**

- Measurement data on the nature and level of PFAS in the residential environment is required to understand important pathways for human exposure.
- With this RFA, EPA seeks to advance common exposure measurement protocols that can be implemented across PFAS cohort studies to generate important exposure data for priority pathways.
- **Responsive proposals should include a collection of environmental and personal exposure measures and analysis for a common set of PFAS chemicals (e.g., those measured in NHANES).**
- **Protocols implemented to collect measurements that are concordant at the community/cohort level as well as at the individual level are preferred.**

Applications should address at least two of the following questions:

- What is the contribution of sources and/or media in the residential environment to PFAS exposure in the general population?
- How much variability in PFAS serum levels can be explained by water consumption and from other exposure sources/pathways and how much is not explained?
- What is the minimal set of measurements that can be implemented to classify individual exposure levels?
- How can measured data be used to estimate PFAS exposures of vulnerable groups, impacted communities, and the general population?



## Example Outputs

- Exposure measurement data concordant with biomonitoring data for a targeted set of PFAS chemicals in a study population.
- Evaluated protocols and SOPs for measuring a targeted set of PFAS in the residential environment.
- Estimates of source contributions to PFAS body burden.
- Improved interpretation of PFAS biomonitoring data – e.g., estimates of source contributions.
- Understanding of the important sources and pathways related to personal exposures to PFAS chemicals.



- Applicants are strongly encouraged to leverage funded studies where a cohort has been recruited, and where PFAS biomonitoring of study participants is underway (or planned)
- The application should describe the study, cohort and funding sources.
- The application must include a collaboration and engagement plan (see Section IV.C.6.e) **demonstrating commitment on the part of the Principal Investigator (PI) for the cohort that will serve as the partner study to help meet the objectives of this application.**



# Eligibility Information

## Eligible to Apply:

Public and private nonprofit institutions/organizations

Public and private institutions of higher education

Hospitals and laboratories located in the US

US States, Indian Tribes, and DC

Foreign institutions/organizations as above (nonprofit, academic)



# Application Materials

- To apply under this solicitation, use the application package available at **Grants.gov**
- For further submission information see: **RFA Section IV.F. “Submission Instructions and other Submission Requirements”**
- Note: All necessary forms are included in the electronic application package, with the exception of the current and pending support form, available at: **Research Funding Opportunities: How to Apply and Required Forms**

**Make sure to include the current and pending support form in your Grants.gov submission**

Please refer to the following RFA sections for additional information:

### IV. Application And Submission Information

- Required application package materials including:
  - EPA Human Subjects Research Statement (HSRS)
  - Scientific Data Management Plan (SDMP)

### V. Application Review Information

- Peer Review Criteria
- Relevancy Review Criteria

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**Thank you!**