

APHA Injury and Violence Prevention
Data Science Demonstration Project
Request for Application 2025
Data Science Subject Matter Expert
(Consultant)



Period of Performance

Duration: 60 Days

Application Due Date: June 13, 2025

Anticipated Start Date: June 20, 2025

Compensation: Negotiable Based on Experience and Proposed Approach

Overview

The American Public Health Association seeks a Data Scientist consultant to guide and support participating demonstration sites in applying data science to improve public health outcomes.

Opportunity

To elevate the utility of data science in advancing public health practice, the American Public Health Association, has developed the Injury and Violence Prevention Data Science Demonstration Project. The overarching aim of this initiative is to enhance public health capacity and provide support to organizations engaged in data science work.

We are seeking a consultant to provide technical assistance and serve as a subject matter expert to five participating organizations for to enhance their capacity in the utility of data science in addressing injury and violence-related public health challenges.

Projects may focus on:

- Improving the timeliness of health information,
- Enhancing the efficiency of responses to public health threats,
- Increasing the effectiveness of prevention programs and campaigns, or
- Addressing other critical public health priorities.

Scope of Work

The selected consultant will:

- Serve as a technical advisor to selected demonstration sites.
- Provide monthly one-on-one consultations and be available for ad-hoc technical support.
- Participate in monthly meetings with the APHA project team.
- Assist in the development and review of data science strategies.

- Experience working in or advising on public health data systems, especially those related to injury, violence, or overdose
- Ability to communicate complex technical concepts to non-technical public health practitioners
- Prior experience providing technical assistance, consulting, or advisory services

Preferred Qualifications:

- Prior collaboration with national or local public health organizations
- Understanding of NVDRS, SUDORS, or other injury surveillance systems

Application Requirements

Interested applicants must submit the following:

- Cover Letter outlining qualifications and interest
- Curriculum Vitae or Resume
- Proposed Budget (aligned with experience and scope)
- Past Performance Examples: Summary of 2–3 relevant past projects/subject matter expert roles
- References (at least two professional references with contact info)

Evaluation Criteria

Applications will be reviewed based on the following:

- Demonstrated expertise in relevant data science domains (40%)
- Relevant experience in injury or violence prevention (25%)
- Quality and feasibility of proposed plan (20%)
- Clarity and suitability of budget (10%)
- References (5%)

Submission Instructions

Submit application materials to yeatoe.mcintosh@apha.org by June 13, 2025, with subject line: “Data Science Consultant RFA Submission – [Applicant Name]”. Late or incomplete submissions will not be reviewed. For questions, please contact yeatoe.mcintosh@apha.org by close of business on Wednesday, June 11, 2025.