



COVID-19 CVD Registry Powered by Get With The Guidelines®
Investigator-Initiated Research Proposal Form
American Heart Association Quality Improvement Programs

Form with sections: Date Submitted; Lead Author Name; Sr. Author Name; Title/Position; Institution/Company; Address; Email; Phone Number; Is your hospital or health system enrolled...; For each coauthor...; Target data analytics channel; * Note: Data analysis on the Precision Medicine Platform (PMP) is typically conducted using Python or R; ** Note: Proposal approval may be contingent on successful execution of data analytics agreement with AHA Data Analytics Team with 14 days of proposal review and approval; Please indicate the source of funding you will use to conduct the proposed study:



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Working Title:

Target journal and key words:

Goals/Objectives/Research Question:

Study Hypothesis:

Background and Rationale (1-2 paragraphs, with references):

Study Population (specify any subgroups):

Primary/secondary exposure variables:



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Primary/secondary Outcome/Endpoint:

For projects that will be completed on the PMP, indicate who will be performing the statistical analyses. Please briefly list their qualifications and experience

Name

Email

Description of Proposed Statistical Analyses: Provide sufficient detail including types of statistical tests to be performed so that the Research and Publications Subcommittee can assess the statistical expertise of the investigative team. Note: A more formal statistical analysis plan may be requested by the R&P prior to approval.

Sample Tables (please provide examples of the tables in the space below):

Key References:



Appendix: PMP Institutional Pricing Plan

- ❑ Investigator-led Data on AHA's Precision Medicine Platform (PMP)
 - The investigator is responsible for continued workspace fees of \$2k per month per approved project.
 - Each workspace owner will name an analytic team, which will be provisioned with the PMP workspace and appropriate dataset. Software available for basic statistical analysis = Python and R. Individuals may also bring their web-based SAS license and use machine learning and AI tools as well as the many other visualization and software programs within the PMP workspaces.

- ❑ Collaborate with AHA Data Analytics Team to Conduct Analysis on the PMP
 - The AHA Data Analysis Team will estimate number of hours per project and communicate this back to each author and team. Author and team will need to be available for questions and discussion as part of the estimation process. This information will also help inform the author of the expected length of time a PMP workspace will be needed, to enable a cost projection
 - The AHA Data Analysis Team includes 2 PhDs with significant study design, epidemiology and computer science capabilities, 2 data scientists with an MS, one with an MPH in Biostats and Epidemiology, and one bioinformaticist.
 - Typical analyses will range from 100 – 250 hours depending on the complexity of the analyses.
 - Rates are \$100 per hour in addition to the monthly PMP usage fees as noted above

- ❑ Ad Hoc Support with AHA Data Analytics
 - The AHA Data Science Team are available on an ad hoc basis to provide technical and analytic support for Self Service authors.
 - Rates are \$150 per hour