

Opportunity Title: HHS Maternal and Child Health Home Visiting and Early

Childhood Systems Research Fellowship

Opportunity Reference Code: HHS-HRSA-2021-0060

Organization U.S. Department of Health and Human Services (HHS)

Reference Code HHS-HRSA-2021-0060

How to Apply *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- One educational or professional recommendation. Your application will be considered incomplete, and will not be reviewed until one recommendation is submitted.

All documents must be in English or include an official English translation.

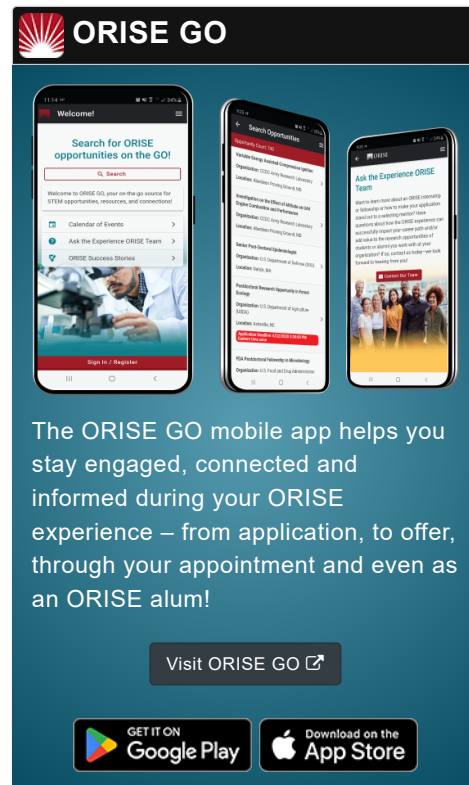
If you have questions, send an email to HHSrpp@orau.org. Please include the reference code for this opportunity in your email.

Description **Applications will be reviewed on a rolling-basis. This opportunity will be open until filled.*

A research opportunity is currently available with the Division of Home Visiting and Early Childhood Systems (DHVECS), Maternal and Child Health Bureau (MCHB) within the Health Resources and Services Administration (HRSA) at the U.S. Department of Health and Human Services (HHS) located in Rockville, Maryland.

HRSA, an agency within the U.S. Department of Health and Human Services (HHS), is the primary federal agency for improving access to high quality health care services for people who are uninsured, isolated, or medically vulnerable. MCHB is the one federal bureau responsible for improving the health of all America's mothers, children, and families. We envision an America where all children and families are healthy and thriving, and where each child has a fair shot at reaching their fullest potential. The DHVECS supports improvements in the overall health and well-being of pregnant women and families with young children through evidence-based home visiting and early childhood systems. This fellowship is designed to: 1) provide an environment where a highly qualified, productive candidate will be able to learn and develop, 2) strengthen the evaluation and research capacity of DHVECS, and 3) promote the use of data to improve health equity and reduce health disparities.

The selected participant will collaborate with the Division of Home Visiting and Early Childhood Systems' (DHVECS) Data and Evaluation Team to apply skills in performance measurement and statistical analyses to creative, applied learning projects using real data. This project requires the participant to maintain familiarity with specific performance data collected from state agencies for a large federal grant program that aims to improve maternal and child health outcomes and achieve health equity. DHVECS is currently assessing options to ensure performance data is reflective of diverse populations and can be used to better understand disparities in access to care and outcomes. This project focuses on the transformation of the



Opportunity Title: HHS Maternal and Child Health Home Visiting and Early Childhood Systems Research Fellowship

Opportunity Reference Code: HHS-HRSA-2021-0060

performance measurement system to address health equity within home visiting programs and early childhood systems. Specific activities will include:

- Review and manipulate data management features to combine and reshape datasets and manage variables. Manage specialized data such as time-series data, panel or longitudinal data, categorical data, multiplication imputation data, and survey data.
- Perform descriptive statistical analyses of large data sets to better understand trends, relationships between variables, and to formulate predictive insights
- Develop and maintain new or existing advanced database components
- Conduct literature reviews and analyses of secondary data to make recommendations about measuring health equity

Learning Goals and Objectives:

- Ability to conduct geographic information system analyses and apply that learning to large, complex real-life data sets.
- Ability to identify appropriate analysis techniques for time series data sets and apply those techniques to achieve actionable analyses of performance data.
- Ability to communicate data analysis results to multiple audiences, including academics, policy-makers and the general public.
- Use of data visualization software, such as Tableau, to maximize the utility of performance data for continuous quality improvement and programmatic decision-making purposes.

Anticipated Appointment Start Date: Winter/Spring 2021

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and HHS. The initial appointment can be up to one year, but may be renewed upon recommendation of HHS contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. **A health insurance allowance and a travel/training allowance will be provided. No relocation allowance will be provided.** Proof of health insurance is required for participation in this program. The appointment is full-time at HHS in the Rockville, Maryland, area. Participants do not become employees of HHS, DOE or the program administrator, and there are no employment-related benefits.

Qualifications

The qualified candidate should have received a master's degree in one of the relevant fields, or be currently pursuing the degree and will reach completion by December 31, 2021. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Demonstrated proficiency in the development and application of quantitative and/or qualitative research methods and performance measurement tools
- Demonstrated proficiency using Tableau and creating data visualizations and infographics
- Demonstrated proficiency using SAS, Stata, SPSS, Python, or R to clean and analyze survey data and/or administrative data
- Demonstrated ability to provide health services research and evaluation




Opportunity Title: HHS Maternal and Child Health Home Visiting and Early Childhood Systems Research Fellowship

Opportunity Reference Code: HHS-HRSA-2021-0060

expertise across a range of topics relating to access to care, vulnerable and underserved populations, and safety net programs, with a particular emphasis on health equity and reducing health disparities

- Demonstrated ability to participate in a research team in leadership and/or support roles
- Strong written and oral communication skills, including experience presenting to academic/research and policy audiences and writing up the results of research and/or evaluation studies in technical reports and/or research papers

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 12/31/2021 11:59:00 PM.
- **Discipline(s):**
 - **Life Health and Medical Sciences** (2 )
 - **Other Non-Science & Engineering** (1 )
 - **Social and Behavioral Sciences** (2 )
- **Age:** Must be 18 years of age