

# Quantitative Research Methods for STEM Education Scholars Program

## 2020-21 Application Instructions

[The NSF QRM Scholars Program](#) is an NSF-funded project offered by the University of Maryland, College Park, aimed at building capacity in STEM Education research. The program provides quantitative research training, workshops, mentorship, and opportunities for Scholars to share their work to a broader audience. After a 1-week Summer Institute at UMD, Scholars will receive mentorship and training throughout the year while they are at their home institution. Upon completion of the year, Scholars will return to UMD to present their research at a 1-day Capstone Conference.

### To be eligible for the QRM Scholars Program, applicants

- must be pre-tenure faculty or postdoctoral fellows at a US institution and must be pre-tenure during the 2020-2021 academic year; and
- have a research focus related to issues of access and equity of underrepresented populations in STEM within either PK-12 or postsecondary settings.

The QRM Scholars Program is intended to be diverse, and we encourage submissions from applicants who identify with traditionally underrepresented groups/backgrounds.

### To apply to the QRM Scholars Program, you will be asked to provide the following information:

- **Name and Contact Information**
- **Primary Organization and Appointment Title**
  - Indicate whether or not your Primary Organization is a US Institution.
- **Date of Receipt of your Doctoral Degree**
- **Link to your Google Scholar Profile**
  - Instructions for creating a profile on Google Scholar can be accessed via the [Google Scholar Citations Help](#) page. For additional help, see the [step-by-step guide](#) compiled by the University of Oklahoma University Libraries.
- **Proposal Title and Abstract** (250 words maximum)
  - Include the title and a brief abstract of your proposed research topic for your Scholar Year (note that your proposed project can be the writing of a larger proposal for a federal or foundation grant competition).



- **Current CV** (5 pages maximum, single-spaced, PDF upload)
- **Statement of Interest** (3 pages maximum, single-spaced, PDF upload)
  - Describe your background and personal goals;
  - Detail the research project you intend to conduct during the Scholar year;
  - Describe how your project aligns with the goals of the NSF QRM Scholars Program (see [program website](#) for more details).
- **Research Letter of Support** from your Content Area Mentor (2 pages maximum, single-spaced, PDF upload)
  - The Content Area Mentor should outline their support of your proposed project and their ability to provide ongoing mentorship to you throughout the Scholar year.
  - Scholars identify their own Content Area Mentor (see [program website](#) for guidance on selecting a Content Area Mentor).
  - This letter should be written and signed by your Content Area Mentor but you will need to upload the document with your materials.
- **Administrative Letter of Support** from your Department Chair and/or Research Supervisor (1 page maximum, single-spaced, PDF upload)
  - Your Department Chair or Research Supervisor should indicate their support of your participation in a program that will require, at minimum, presence during a 1-week intensive Summer Institute (August 17 - 21, 2020), participation in ongoing live-streamed or in-person methodological workshops throughout the Scholar Year (dates TBD), and presence at the 1-day end-of-year Capstone Conference. All on-site programming will take place at the University of Maryland, College Park.
  - This letter should be written and signed by your Department Chair or Research Supervisor but you will need to upload the document with your materials.

**Note:** Even if your Content Area Mentor and Department Chair/Research Supervisor are the same individual, you will still need to provide both the Research Letter of Support and the Administrative Letter of Support.

**The application portal for the 2020-21 QRM Scholars Program will open January 15, 2020. The priority deadline is March 1, 2020.** All applications should be submitted via the [Application Portal](#). Check our [application page](#) for more details.

If you have any questions about the application, please consult our [Frequently Asked Questions page](#) or contact us via email at [nsf-qrm-scholars@umd.edu](mailto:nsf-qrm-scholars@umd.edu).

