Robert Noyce Teacher Scholarship Program

A Data Management Plan created using DMPTool

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Data generated by the project

Data generated by the project will include:

1. *Surveys*: All participants will complete evaluation forms after intervention strategies (i.e. orientation and training events). Participants will complete pre/post surveys before the first education course and after the completion of the last semester of course work. Pre surveys will include collection of demographic information. Also, participants will complete exit surveys upon completion of the educational training program. Participants who drop out of the program before completion will also complete exit surveys. Surveys will also be completed at the end of each year of the teaching service commitment, and, for Cohort 1, at the end of the first year of teaching after the service commitment ends.
2. *Interviews*: Individual interviews of teachers will be conducted at the end of the first year of teaching and each year of the service commitment, to be used in assessing program effectiveness and impacts, including community involvement. Principals from partner districts that hire NRMP Teaching Fellows will be interviewed, and NRMP partners, including representatives from Extension Services, the World Class Teaching Program, the College of Arts & Sciences, and state professional organizations will also be invited to participate in surveys.
3. *Review of Teacher Evaluation Data*: The Mississippi Teacher Evaluation System results will be reviewed and analyzed each year of the project to assist in determining teacher classroom effectiveness.
4. *Tracking*: Participants will be tracked to determine what long-term impacts, if any, the program had on their educational and career choices. The Project Director will continually track candidates through enrollment, matriculation, hiring, and retention.
5. The methods for tracking teacher impacts will include maintaining student information in the CISE department and a questionnaire administered yearly that will include demographic information and current employment status.
6. *Documents*: Program documents and materials produced by project staff will be reviewed for their contribution to program outcomes. Documents generated by participants during MAT-S coursework and during the first four years of teaching after graduation will be collected. These will include copies of participants' interactions using web-based social media, copies of lesson plans, copies of presentation proposals and presentations delivered by Teacher Fellows at conferences, and lesson and unit plans that are generated in collaboration or based on collaboration with Extension agents.

Period of data retention

All data collected for this project will be retained in the CISE department for three years following the conclusion of NRMP. Institution IRB protocols will be followed. There will be no data embargo, however, any data with identifying information will not be shared with non-project personnel.

Data format and dissemination

Data formats will be electronic filed (e.g., Word documents, electronic tables). Surveys will be collected electronically and documents will either be electronic documents or will be scanned. Interviews will be recorded and recordings of files will be saved electronically. Tables of teacher evaluation data will be maintained using pseudonyms.

Data about recruitment, preparation and induction, and retention strategies will be disseminated in the form of manuscripts and presentations. This dissemination will occur at state, local, regional, and national levels. In general, raw data (e.g., surveys, interviews, program and participant documents), will not be shared with non-project personnel. Individually identifiable demographic data (such as identifying a participant as teaching at the school with the lowest teacher retention rate in the southeastern United States) will not be shared, and pseudonyms will be used to ensure confidentiality. Entities interested in analyzing data can request access from the PI who will work with IRB to ensure that participant confidentiality is preserved.

Data storage and preservation of access

Electronic data that are preserved will be stored on password-protected university owned computers and backed up on university servers. The university maintains secure servers that back up individual computers' files on a nightly basis. The university also routine audits the security of university owned computers to ensure proper storage and security protocols are maintained.

Additional possible data management requirements

Question not answered.