

Research Assistant Position - SCC-IRG Track 2: SCHOLAR: Smart, Connected, and Healthy Outcomes by Leveraging Assets and Research

Position Summary: This research assistant position is grant-funded by the NSF Smart and Connected Communities (SCC) Program. The selected candidate will work with the interdisciplinary [SCHOLAR project](#) team, which consists of faculty, students, and staff at DePaul and Sinai Health, to support community health workers in their mission to provide better resources to patients at high risk of hospital readmission. This is an excellent opportunity for students passionate about data science, machine learning, medical informatics, and health equity to gain hands-on experience in impactful research and joining the [Visual Informatics and Data Analytics \(VIDA\) Group](#).

Compensation and Benefits:

- 10 hours per week at a rate of \$20-28 per hour depending on qualifications, working in person in the Medical Informatics Lab of the School of Computing.
- Tuition coverage for 1 course (4 credits) during the Fall quarters of 2026.
- Potential to increase to 20 hours per week based on interest and qualifications.
- Possibility of continuing the research assistantship position during the summer.

Principal Duties and Responsibilities:

- Implement data collection, preprocessing, modeling, and analysis for the SCHOLAR research project.
- Develop and maintain the Community Health Worker (CHW) dashboard and database to support CHW activities and interactions with patient information.
- Deliver weekly presentations during group research meetings.
- Submit 1-page summary reports every Friday outlining weekly progress and goals for the following week.
- Create and maintain a web subsite for the NSF SCHOLAR project, hosted on the VIDA research website.
- Contribute to two paper submissions to relevant conferences/journals—one by the end of Winter quarter and another by the end of Spring quarter.

Qualifications:

- Excellent mathematical and programming skills.
- Completion of DSC 441 and DSC 424, DSC 445, or CSC 483, or CSC528 courses.
- Strong communication skills.
- A demonstrated interest in and commitment to data science, machine learning, and research in medical informatics and health equity.

How to Apply: Interested candidates should submit the following documents by April 1, 2026:

- Cover letter
- CV that includes the names and contact information for two references
- Transcript
- Two letters of recommendation

Please send application as a one PDF file by email to Daniela Stan Raicu at dstan@depaul.edu and Binita Saha at bsaha@depaul.edu with **the subject line** “NSF SCHOLAR Project: research assistant position application”

This position offers a great opportunity to contribute to cutting-edge research in medical informatics while gaining valuable experience and mentorship in a dynamic research environment.