

The research group of [Dr. Ashish Deshmukh](#) at UTHealth ([Clinical Analytics and Decision Science Lab](#) and [Center for Health Services Research](#)) is seeking 2 postdoctoral scholars (funded by the US National Cancer Institute) in clinical decision science, modeling research, cost-effectiveness analysis, and health services research. The postdoctoral projects' focus is on designing disease simulation models of cancers caused by human papillomavirus infection in the US and globally. There will also be opportunities to conduct and contribute to database research, including analyzing (national and global) cancer registries, national surveillance data, and claims databases in collaboration with investigators in the US and internationally.

Consideration will also be given to candidates with a background in health data science, data analytics, and health outcomes research. This position also offers fellows an opportunity to develop their own research ideas and programs in related areas in collaboration with the team. They can also submit their own career development grant application with support from Dr. Deshmukh and UTHealth. In addition to the UTHealth team, the fellow will have the opportunity to work closely with stakeholders, including the National Institute of Health, the World Health Organization, and state agencies. Fellow(s) will work closely with Dr. Deshmukh, collaborators (at UTHealth and multiple institutes), postdocs, and GRAs.

Qualification: The candidate must be a graduate from an accredited doctoral program with a Ph.D. or equivalent degree in industrial engineering, operations research, health services research, health economics, epidemiology, or related quantitative field.

Competencies: Strong work ethic and organization and teamwork skills, critical thinking and writing, and knowledge of general-purpose programming languages such as C++, Java, R, or MATLAB is required.

Required Application Materials:

- CV
- A cover letter describing your experience leading research projects, and your postdoctoral and career goals
- Contact information for 2-3 references

Start date: Fall 2021/Spring 2022

Interested candidates should submit their CVs and a detailed cover letter to Dr. Deshmukh, ashish.a.deshmukh@uth.tmc.edu and Dr. Haluk Damgacioglu Haluk.Damgacioglu@uth.tmc.edu with the subject: "Postdoctoral Fellowship Application."

UTHealth is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other characteristic protected by law.