PI: Carrie A. Miller, PhD, MPH Academic Rank: Assistant Professor Department: Family Medicine and Population Health Title: Enhancing Diversity in Multi-Cancer Early Detection (MCED) Trials

New tests that can find many types of cancer early, called multi-cancer early detection (MCED) tests, could change how we find cancer. These tests check for different cancers at the same time. Even though they look promising, some people worry about what might happen, and some groups of people who are not usually part of cancer studies might not join in. We expect more studies with these tests in the next ten years, so it's really important that everyone can be part of them.

To make sure everyone has a chance to join in, this study will look into the good things and challenges of doing these MCED tests. We'll figure out how to invite people to join, and we really want the community to help us decide how to do it. A group called the Community Engagement Committee (CEC), which has both experts and regular people, will lead this study. They will make sure we hear lots of different opinions, especially from people who usually aren't part of cancer studies.

In the first part of the study, we'll talk to a small group of people (about 10-15) and then ask a larger group (about 150 people) what they think about MCED tests. This will help us understand what people know and think. What we learn will help us make plans and materials to invite people to join the studies. We might make brochures, videos, or other things to help explain.

In the second part, we'll ask the community what they think about our plans and materials. We'll talk to about 6 groups of people and ask if they think the plans are a good idea and if they would join in. This will help us make sure our plans are clear and that people want to be part of the studies. All of this research will help us learn what might be hard and what might work well when doing studies with MCED tests, so everyone has a fair chance to be involved.