

## Community Outreach PowerPoint Script

**Slide 1:** In Our DNA SC is a community health research project being conducted by the Medical University of South Carolina in partnership with Helix, a leading population genomics company.

**Slide 2:** Personalized medicine is a growing field, and the Medical University of South Carolina believes it can transform healthcare. This approach customizes healthcare to the individual and looks at a patient's genetics, environment, and lifestyle. Genetic screening is a key part of this approach. Being a leader in defining this path is at the core of the Medical University of South Carolina's mission.

**Slide 3:** Genetic screening can help patients understand their risks for certain conditions, such as common cancers and heart disease, and learn ways to take action to improve their health. Taking action to improve health can help reduce the risk of developing disease. Families can discover any health risks they may share by using genetic screening.

**Slide 4:** The In Our DNA SC research project is a partnership between the Medical University of South Carolina and Helix, a leading population genomics company. In Our DNA SC hopes to enroll 100,000 participants with services offered at no cost to the individual. The goal of In Our DNA SC isn't only to improve our health, but to help improve the health of generations to come.

Participation in the study is easy. South Carolina residents 18 years and older can enroll by completing an online consent form, then providing a simple saliva sample for DNA testing.

**Slide 5:** In Our DNA SC will screen for 3 conditions: Hereditary Breast and Ovarian Cancer, Lynch Syndrome also known as Hereditary Colon Cancer, and Familial Hypercholesterolemia. If someone has one of these conditions, there are preventative measures that someone can take to help reduce the risk of developing disease.

Participants get screening results for these conditions, plus insights on regional ancestry and wellness traits through their optional, no-cost Helix patient portal.

**Slide 6:** Genetic screening can make a difference. One out of every 75 participants may learn they're at higher risk common cancers and heart disease. Screening based on current medical practice or family history alone can miss about 90% of at-risk individuals, so genetic screening is important.

Participants can share their results with family members to start the conversation about genetic health risks and how to prevent and manage disease.

**Slide 7:** By offering genetic screening at no-cost, In Our DNA SC hopes to empower the South Carolina community with knowledge of their genetic health. Patients who receive positive results are eligible for a session with a MUSC Genetic Counselor at no cost to the patient. Genetic

Counselors are professionals in the field of genetics and can provide guidance for positive patients on their results, care management, referrals, and testing for family members. Receiving results from DNA testing shouldn't be intimidating or lonely, In Our DNA SC study team members are available to provide insight on results and resources for both positive and negative patients.

**Slide 8:** In addition to empowering participants to learn more about their health through DNA, the In Our DNA SC research project also promotes future genetics and genomics research initiatives.

Genomic information provided by In Our DNA SC participant sample and information from their medical record will be stored in secure and privacy protected databases that will be available for researchers in the future. We recognize that many communities have concerns about research due to the lack of transparency and inappropriate use of data, but our hope is that working with community organizations and trusted leaders that we can build trust and partnership. Additional information in regards to transparency and data security can be found on the [InOurDNASC.org](http://InOurDNASC.org) website and in the frequently asked questions section of the website.

**Slide 9:** Signing up to participate in the In Our DNA SC research study is quick, easy, and at no cost to the individual. By visiting the [InOurDNASC.org](http://InOurDNASC.org) website, prospective participants can learn about the project, read frequently asked questions, and review and electronically sign the consent form. While completing the consent form, participants will be asked to indicate their preference for sample collection. In Our DNA SC is currently offering in person sample collection as well as at-home collection where a sample collection kit is mailed to a participant's home and returned to Helix directly for testing.

Once a participant completes their/signs their consent and provides their sample, results will be returned to the patient's medical record in about 8-12 weeks. During this time, participants may also create a Helix account to receive their ancestry, personal traits, and health-related DNA insights.

**Slide 10:** If you are interested in participating in the In Our DNA SC program, please visit the website using the link or the QR code. This program is an excellent opportunity to improve health care for you, your family, and our community.