Using information and specimens collected during your pregnancy and birth, along with optional participation from the father of your baby, scientists at Magee-Womens Research Institute will learn more about the factors that contribute to healthy pregnancy. The Deep Phenotyping of Pregnancy Project is studying the course of pregnancy to understand what influences health as well as how complications develop. With your help, the goal of this research study is to find ways to reduce pregnancy complications and achieve healthier outcomes for women and their babies.

Study participants will be compensated with a FitBit tracker, up to $100, and bus fare or a parking voucher for each study visit.

You are eligible if you are:

- In your first trimester
- Over 18 years old
- Planning delivery at UPMC Magee-Womens Hospital

You will collect samples and information at home and study visits can overlap with your prenatal appointments, delivery, and postpartum care.

CONTACT:
For more information, visit https://mageewomens.org/DP3
E: DP3study@mwri.magee.edu
P/TEXT: 412-346-4978
# THE DEEP PHENOTYPING OF PREGNANCY PROJECT

**Blood sample**
- 8-13 WEEKS
- 14-20 WEEKS
- 21-27 WEEKS
- 28+ WEEKS AT DELIVERY

**Urine sample**
- 8-13 WEEKS
- 14-20 WEEKS
- 21-27 WEEKS
- 28+ WEEKS AT DELIVERY

**Hair sample**
- 8-13 WEEKS
- 14-20 WEEKS

**Placenta sample**
- 8-13 WEEKS

**Baby's first dirty diaper**
- 8-13 WEEKS

**Questionnaires**
- 8-13 WEEKS
- 14-20 WEEKS
- 21-27 WEEKS

**Microbiome sample**
- Collect monthly

**Fitbit**
- Wear throughout

**Airparticle monitor**
- Place in home

**MyHealthyPregnancy App**
- Use throughout