Study Title: The Effects of Maternal Phthalate and Bisphenol A Exposure on Fetal Genital Development

Synopsis: The purpose of the study is to determine if exposure to certain environmental contaminants to which the mother is exposed affects fetal genital development. To participate in the study, women must be 18 years of age and older and 18-22 weeks pregnant and presenting at MUSC Women’s Health Clinic for fetal anatomic ultrasound (ultrasound that shows sex of the baby). Participants must also plan to deliver at MUSC. Study procedures include: measurement of the fetal genitals by ultrasound at 18-22 weeks, maternal urine and blood samples collected at enrollment, urine samples between 24 and 32 weeks gestation, and at delivery maternal blood, urine, fetal cord blood and foreskin (for male child, optional). Newborn genitals will be measured again after delivery and the measurements correlated with levels of maternal and fetal exposure to BPA and phthalates. Participation in the study will last from 18-22 week gestation until delivery. Compensation provided for eligible participants. For more information, please contact Kenreka Yeadon-Osaboma at 792-6323 or Yeadon@musc.edu.

Study Title: Effect of an Educational Intervention to Reduce Bisphenol A Exposure

This study closed for enrollment as of May 2013.

Synopsis: The purpose of this study is to evaluate the effectiveness of an educational intervention to decrease both short and long-term exposure to Bis-phenol A (BPA) which is an environmental contaminant found primarily in plastics. To participate in the study, participant must be 18-45 years of age (both men and women).

Study Title: Fertility, Environmental Contaminants and the Developing Ovarian Follicle

Synopsis: Coastal Fertility Specialists in conjunction with the Department of Obstetrics and Gynecology at MUSC are conducting a groundbreaking study on the impact common environmental contaminants have on the female reproductive system. The purpose of this study is to look at environmental contaminants (potentially harmful substances that have been released into the environment) and not being able to get pregnant. If you are having difficulty getting pregnant, or have a partner who is unable to produce offspring and is seeking in vitro fertilization (IVF), you may be eligible to participate in the study. Study procedures include: questionnaire, blood and urine samples, and a sample of follicular fluid. Samples will be collected by a Coastal Fertility Specialists for analysis. No compensation will be provided for study participation. For more information, please Holly Boggan at 876-1434 or bogganhl@musc.edu