Studies Recruiting

IRB Number: 12-002524: Enhanced Neonatal Health And Neonatal Cardiovascular Effects Developmentally

Principle Investigator: Dr. May

Co-investigators: Dr. McMillan, Dr. Isler, Dr. Haven, Dr. Steed

The purpose of this research is to help improve the health of mothers and their children. By doing this research, we hope to determine the influence of different types of exercise during pregnancy on the heart and body composition health of the child, before and after birth.

IRB Number: 14-000859: Collection of Saliva from Healthy Volunteers

Principle Investigator: Dr. Gordon

Co-investigators: Dr. Anderson and Dr. Efird

The purpose of this research is to collect saliva from healthy volunteers and check the proteins present in the collected saliva. By doing this research, we hope to learn the relation between saliva and the condition of the mouth and body, as well as develop new information for using saliva as a diagnostic tool.

IRB Number: 13-002836 POD (Pregnancy, Offspring, Dentistry)

Principle Investigator: Dr. Kordis

Co-Investigators: Dr. May

Previous research has shown links between negative maternal behaviors (i.e. smoking, poor diet) during pregnancy and poor
pediatric and childhood oral health. Although maternal activity, a positive health behavior, is associated with positive infant and childhood heart outcomes, no data exists related to the influence of maternal physical activity on oral health of offspring. Therefore, the purpose of this study is to determine the effects, if any, of maternal physical activity during pregnancy on childhood oral health. We hypothesize that we will find mothers with healthy behaviors (i.e. physical activity, balanced nutrition) during pregnancy will have children with enamel, bone density, and dental maturity similar to controls (children from mother's who were not active, balanced nutrition during pregnancy).

IRB Number: 16-000867: Prevalence of Tobacco Use

Principle Investigator: Dr. Wright

Co-Investigators: Dr. Lea, Ms. Mehaffey

Tobacco is the leading preventable cause of death and disease in the United States with almost one-half a million deaths reported each year. In North Carolina, nearly 21% of adult’s smoke compared to 18.3% of adults in the United States as a whole, ranking North Carolina 14th highest in smoking prevalence in the nation. The purpose of this study is to determine the epidemiology of tobacco use among dental patients at East Carolina University SoDM. The results from this study will inform the development of a culturally appropriate tobacco cessation program at East Carolina School of Dental Medicine.

IRB Number: 16-002153: Child Health After Maternal Physical Activity (CHAMPS)

Principle Investigator: Dr. May

Co-Investigators: Dr. Gross McMillan
Despite our growing understanding of modifiable risk factors, the prevalence of heart disease and obesity in children has increased over the last 40 years, with little focus given towards in utero development. Yet we know that there is a link between the in utero environments towards health or disease that persists after birth into adulthood. With these ideas in mind, the Child Health After Maternal Physical activity Project will have a significant impact by determining if exercise during pregnancy, a time during which certain prevention modalities have not been studied, can decrease cardiovascular and obesity risk factors in children. Secondly, this study will look at the effect of exercise on unique measures of offspring heart health, adiposity and neuromotor development. Lastly, we will be using current technology to assess childhood indicators of heart health in children, with the future goal of longitudinal measures of these offspring.

IRB Number: 17-000464: AG013-ODOM-201 A Phase 2, multi-center, randomized, double blind, placebo, controlled study to assess the safety and efficacy of topically-applied AG013 for the attenuation of oral mucositis in subjects with cancers of the head and neck receiving concomitant chemoradiation therapy

Principle Investigator: Dr. Gordon

Co-Investigators: Dr. Ju, Dr. Lepera, Dr. Murata, Dr. Muzyka

Oral Mucositis is a painful side effect of many treatments for cancer. Data on prevention of oral mucositis in human subjects is limited, with no effective treatment available to prevent oral mucositis in cancer patients receiving chemoradiation therapy. The purpose of this research study is to evaluate the safety, tolerability, and efficacy of topically administered AG013 compared to placebo for reducing oral mucositis in patients
undergoing chemoradiation for the treatment of head and neck cancer as measured by the duration, time to development, and overall incidence of oral mucocitis during the active treatment phase, beginning from the start of radiation therapy (RT) until 2 weeks following its completion.

**IRB Number: 17-000608: VIG001: Clinical Evaluation of the OncAlert Rapid in Subjects Presenting for Evaluation and/or Initial Biopsy; Impact on Decision Making**

**Principle Investigator:** Dr. Gordon  
**Co-Investigators:** Dr. Muzyka

The OncAlert Oral Cancer RAPID test (OncAlert RAPID) is a qualitative point-of-care lateral flow assay to aid in the decision to biopsy in patients with clinical features associated with oral potentially malignancy disorders and/or oral/oropharyngeal cancer (i.e. head and neck squamous cell carcinoma)

**IRB Number: 16-002105: Tobacco Cessation Program: Development of a Culturally Competent Tobacco Cessation Program at East Carolina University School of Dental Medicine**

**Principle Investigator:** Dr. Wright  
**Co-Investigators:** Dr. Lea, Dr. Winterbauer

The aims of this study, with the collaboration of the North Carolina Department of Health and Human Services (NC DHHS) and the Pitt County Health Department, are to investigate the issues and barriers to tobacco cessation for current dental clinic smokers; determine if the presently available patient education material is appropriate for this target group; and develop a tailored tobacco cessation curriculum that would be suitable for
This Curriculum will provide dental students with the information they need to provide tobacco cessation counselling services for their patients.