Wednesday, May 2, 2018
Gilmer Hall Room 141

Welcome – Dr. Michael P. Timko, Director, Human Biology Program

Laura Ann Pierce
Evaluation of a Tele-Voice Therapy Program
Advisors: David Cattell-Gordon, Director of the Office of Telemedicine, Director of the Rural Network Development, Co-Director of the Healthy Appalachia Institute, and Joanna Lott, CCC-SLP, Singing Voice Therapist, Department of Otolarngology, Head, and Neck Surgery, University of Virginia School of Medicine

Kelly Elizabeth McCain
Evaluation of Adherence to Point-of-Use Water Treatment Technologies in a Randomized Controlled Trial in Limpopo, South Africa
Advisors: Elizabeth T. Rogowski, PhD, MSPH, Department of Public Health Sciences, University of Virginia School of Medicine, and David Taylor, PhD Candidate, Department of Mechanical Engineering, MIT

Peyton Jacqueline McElhone
Anxiety and Stress Disorders: A Heightened Emotional State Decreases Plasticity-related Gene Expression in the Hippocampus
Advisor: Randy A. Jones, PhD, RN, FAAN, University of Virginia School of Nursing

Katherine Lindstrom Pardo
Investigation of Type-1 Diabetes Risk Factors in the 17q21.31 Region of the Human Genome
Advisors: Stephen S. Rich, PhD, and Suna Onengut-Gumuscu, PhD, Center for Public Health Genomics, University of Virginia School of Medicine

Ugochinyerem Krystal Ejesieme
Sleep Deprivation among Adolescents: Correlations and Associations with Obesity
Advisor: Aaron Pannone, PhD, Department of Public Health Sciences, University of Virginia School of Medicine

Christian Dornier Graham
Probing the Molecular Underpinnings of Liver Metastasis in a Murine Model of Pancreatic Cancer
Advisor: Connor Ashton Graham

Charles Ryan Siegel
Attitudes, Awareness, and Knowledge Concerning Out-of-Hospital Cardiac Arrest and Cardiopulmonary Resuscitation (CPR) Techniques, Efforts, and Effectiveness
Advisor: David R. Burt, MD, Department of Emergency Medicine, University of Virginia School of Medicine

Erica Helena Crawford
Accessing Provider and Program Affiliates’ Perceptions Regarding Cervical Cancer Screening under the Virginia “Every Woman’s Life” Program
Advisor: Emma M. Mitchell, PhD, MSN, RN, Family, Community & Mental Health Systems, University of Virginia School of Nursing

Michael David Knapp
Re-expression of Pluripotency Factors in Isolated hPSC-derived Neurons for the Study of Somatic Mosaicism in the Human Brain
Advisor: Michael J. McConney, PhD, Department of Biochemistry and Molecular Genetics, University of Virginia School of Medicine

Patricia Guadalupe Gallegos
The Effects of Access to Primary Healthcare on the Use of Long-acting Reversible Contraception in US Adolescents
Advisor: Aaron Pannone, PhD, Department of Public Health Sciences, University of Virginia School of Medicine

Doris Farje
Impact of Stressful Family on Infant Neurodevelopment: An Analysis of PSI and BINS Scores
Advisor: Linda Bullock, PhD, RN, FAAN, Family, Community & Mental Health Systems, University of Virginia School of Nursing

Mareike Anna Haaren
Purifying Out Parasites: Improving Lysis and Separation Methods Using P. falciparum
Advisor: Jennifer L. Guler, PhD, Department of Biology

Connor Ashton Graham
Understanding the Characteristics of Phase One Pediatric Oncology Clinical Trials
Advisor: Jessica Keim-Malpass, PhD, RN, Acute & Speciality Care, University of Virginia School of Nursing and Department of Pediatrics, University of Virginia School of Medicine

Jesse Benjamin Persily
Probing the Molecular Underpinnings of Liver Metastasis in a Murine Model of Pancreatic Cancer
Advisor: Todd W. Bauer, MD, Department of Surgery, University of Virginia School of Medicine

Charlotte Betty Gemes
What is Stopping Mothers from Breastfeeding Their Infants according to Guidelines during the First 6-Months? A Comparison of Zambian, Rwandan, and American Breastfeeding Practices
Advisor: Joann M. McDermid, PhD, RD, MS, Division of Infectious Diseases and International Health, University of Virginia School of Medicine

Kelly Ruth McNult
Physician Behavior as a Determinant of Patience Experience in an ED Setting
Advisor: Chris A. Shaemmghamidi, MD, Department of Emergency Medicine, University of Virginia School of Medicine

Christine Rita Vincent
A Comparison of SCARED Anxiety Questionnaire Responses in UVA Child and Family Psychiatry Clinic Patients and Their Guardians
Advisor: Vishal Madaan, MD, MBBS, Child and Family Psychiatry, University of Virginia School of Medicine

Philip Herman Schroeder
Relative Mortality Analysis of the “Golden Hour”: A Comprehensive Acuity Stratification Approach to Address Disagreements in Current Literature
Advisor: Jeffrey S. Young, MD, Director, UVa Trauma Center, Co-director Surgical Critical Care, Department of Anesthesiology, University of Virginia School of Medicine

Final Comments and Adjournment