The 44th Annual
John C. Forbes
Research Colloquium

Wednesday, March 9, 2016
Virginia Commonwealth University
School of Medicine
John C. Forbes
John C. Forbes Graduate Student Research Colloquium

This Colloquium consists of student research presentations in a "short talk" format. Students participating are selected on the basis of the quality and clarity of a written description of the research project and evaluated by members of the faculty. The presentations are also evaluated on the basis of the effectiveness in communicating the research described. Outstanding presentations are recognized and a monetary award is made to participants. The solicitation of papers, judging of papers and scheduling of the Colloquium are coordinated by the Student Committee composed of representatives from the Departments in which research in the sciences is conducted and the Office of Graduate Education.

The Forbes family established a fund to support the Forbes Day activities. The faculty and students on the Medical College of Virginia Campus of Virginia Commonwealth University extend our deep appreciation to the Forbes family for their continuing support of scholarly achievement.

John Campbell Forbes received his Bachelors degree in 1920 and his Masters degree in 1922 from Saskatchewan University. In 1925, he received his Doctoral degree form McGill University. He joined the faculty of the Medical College of Virginia (MCV) as an Assistant Professor in the Department of Biochemistry in 1927, being promoted to Associate Professor in 1932 and Professor in 1944. In 1965, Dr. Forbes was appointed as an Emeritus Professor. Dr. Forbes died on May 25, 1989 at the age of 94. He was internationally recognized as an authority in cholesterol-atherosclerosis research and alcoholism.

During his tenure at MCV, Dr. Forbes became the first chairman of the Committee on Graduate Studies in 1934, supervising the first two graduate students receiving their degree from MCV. Because of his insight, and dedication to the advancement and excellence in research and as a pioneer in graduate education, the School of Medicine, in recognition of Dr. Forbes, continues its awareness and promotion of those students who have and are dedicating their lives to the advancement of science.
Presentations

2:00 PM Welcome and Introduction

2:05 PM Paternal Pregnancy Intention and Breastfeeding Duration: Findings from the National Survey of Family Growth

   Jordyn T. Wallenborn; Dr. Saba W. Masho; Scott Ratliff
   Department of Family Medicine and Population Health, Division of Epidemiology

2:25 PM Exploring the Psychometrics of the Retrospective Behavioral Inhibition Questionnaire (RBIQ)

   Jessica Bourdon B.S., B.A., Minyoung Lee, Ph.D., Roxann Roberson-Nay, Ph.D., John (Jack) Hettema, M.D., Ph.D.
   Virginia Institute for Psychiatric and Behavioral Genetics (VIPBG); Center for Clinical and Translational Research (CCTR)

2:45 PM Ebola on Instagram and Twitter: How Health Organizations Addressed the Health Crisis in Their Social Media Engagement

   *Department of Health Behavior and Policy, **Richard T. Robertson School for Media and Culture, ***University of Georgia

3:05 PM Glial Cells and Acute Alcohol Behavior in Drosophila

   Kristen Lee
   Neuroscience, Biomedical Science Doctoral Portal
   Advised by Michael S. Grotewiel, Ph.D., Department of Human and Molecular Genetics

3:25 PM The Effects of 7,8-Dihydroxyflavone on Neurogenesis Following Traumatic Brain Injury

   Mary Wurzelmann, Department of Anatomy and Neurobiology
   Advised by Dong Sun, MD, PhD, Department of Neurosurgery

3:40 PM The Role of Gastrointestinal Microbiota in Morphine Tolerance

   Mischel, RA, Kang, M, Dewey, W, and Akbarali, HI
   Department of Pharmacology and Toxicology