

Announcing the UROP Summer Fellows for 2012-2013

Every summer, the Office of Research awards 15 undergrads a total of \$3000 to conduct research over a span of 10 weeks with a faculty mentor of their choice. This year with collaboration from multiple schools and departments at VCU, we were able to award 23! The award is offered through the VCU Undergraduate Research Opportunities Program to undergraduate students and their faculty mentor partners whose research proposals show the greatest potential for learning and discovery. The fellowship is open to all VCU undergrads from every academic discipline, and the funded projects represent a wide array of scholarly interests that exemplify the diversity of our academic community. On behalf of the Office of Research and the Undergraduate Research Opportunities Program, please welcome our 2012-2013 UROP Summer Fellows:

Amanda Bristow, Clinical Lab Sciences major, in the School of Allied Health will work with **Emily Hill**, on a project titled 'Assessment of the Motility Test Technique'.

Allen Wittig, a music major in the School of Arts will work with **Dr. Tony Garcia** on a project entitled 'Composition to commemorate the Civil War and Gettysburg'.

Scott Duncan, a sculpture major in the School of Arts will work with **Corin Hewitt** on a project to document what can only be described as a nature-based multimedia extravaganza, known as Chromotheater.

Sarah Watson an accounting and international management major will team with **Dr. Alissa Brink** on the project "Corporate Social Responsibility Imagery in Annual Reports".

Samantha Kay, a biology major will work with **Dr. Lesley Bulluck** on a project titled "Are there annual carry-over effect on feather reflectance in female Prothonotary Warblers (Protonotariacitrea)".

Joseph Morina, a biology major, will team with **Dr. Rima Franklin** on a project called "Species-specific effects of vegetation on the abundance of denitrifying bacteria in freshwater wetlands".

Megan Reed, a chemistry major will work with **Dr. Ashton Cropp** on her project entitled "Affinity Reagents to Probe Molecular Recognition of K6-linked Polyubiquitin Chains."

Kyle Brady, a chemistry major will team with **Dr. Joseph Reiner** on their project "Combining nanotubes and nanopores to overcome diffusion limitations with nanosensing".

Rachel Sine, an international relations and Southeast Asian studies major, will work with Dr. Jason Arnold on their project "Right to information act in India"

Adrienne Creger, an English major will team up with **Dr. Christina Stanciu** on their project "Arab American Literature, Immigration, and Gender".

Chereese Montford, a health and human performance and exercise science major will work with **Dr. Lee Franco** on their project, "The Effect of Exercise and Health Risk factors on pVO2 on-kinetics

Moshe Naftaly, a mechanical engineering major, will work with **Dr. Manu Mital** on their project "Enhanced Electronics Cooling using a Ferrofluid Pumping System".

Nathan Veillieux, a biomedical engineering major will team up with **Dr. Dianne Pawluk** on their project entitled "Consistency of cutaneous inputs, and hand configuration and their relationship to haptic perceptual organization".

Joanna Kettlewell, a biology major will work with **Drs. Allison Johnson** and **Vamsi Yadavalli** on their project, "Characterization of HIV-1 Integrase Interactions with Viral DNA".

Diana Subkhangulova, a social work major, will work with **Dr. Miriam George** on their project, "Availability, Utilization, and Mobilization of Resettlement Resources by Bhutanese Refugees in Richmond".

College of Humanities and Sciences UROP Fellowship Award:

Stephanie Roddy, a biology major will team up with **Dr. Karen Kester** on their project titled "Geographic heterogeneity in natural enemy attack on the gypsy moth (*Lymantria dispar*)"

Lindsay Mitchiner, a psychology major will work with **Dr. Aashim Nasir** on their project "An Examination of Tobacco Use Among College Students: A mixed Methods Study"

School of Arts UROP Fellowship Award

Nancy Reid, a painting and printmaking major will work with **Dr. Bernard Means** of the Anthropology dept. on their project "Collaboration of Art and Archeology at Ferry Farm".

Mary Vaiden, a fashion major will work with **Henry Swartz** on their project "Research in Shoemaking and Craftsmanship"

School of Engineering UROP Fellowship Award

Slava Orolov, a chemistry major, will team up with **Dr. Brian Hinderliter** on their project "Radioactive Isotopes".

Carolyn Song, a Chemical and Life Sciences Engineering major, will partner with **Dr. Raj Rao** on their project entitled "Silk-derived proteins for propagation and differentiation of human neural progenitors".

Center for the Study of Biological Complexity and Life Sciences UROP Fellowship Award

Raiha Tahir, a bioinformatics major will team up with **Dr. Sarah Elsea** on their project "Impact of Retinoic Acid induced-1 (Rai1) on Regulators of Metabolism and Adipogenesis".

Doug Stevenson, a bioinformatics major will work with **Dr. Ping Xu** on their project "The Computational Analysis of Multiple *Streptococcus sanguinis* Strains"

