

## PEOPLE (AND OTHER) STUFF

Welcome to Dr. Bogumil Karas who has joined the Department of Biochemistry. In addition to promoting research in Synthetic Biology, he will contribute to undergraduate and graduate courses and supervise research trainees.

Haider Hassan was awarded the [WORLDdiscoveries Scholarship for Commercialization/Entrepreneurship](#) for his project that plans to develop a portable PCR machine for rapid detection of Ebola virus in blood. Haider is a 4th-year PhD student in the lab of Dr. Joe Torchia, Departments of Biochemistry and Oncology. This award is generously supported by funds from WORLDdiscoveries, with the goal of fostering opportunities for entrepreneurship and/or commercialization. In the picture, Haider is flanked on the left by Lisa Cechetto, Executive Director of WORLDdiscoveries, and on the right by Dr. Schild-Poulter, Graduate Program Chair for the Dept. of Biochemistry (picture courtesy of Barb Green). Congratulations Haider, and good luck with your project.



Check out the recent publication in [Research Policy](#) that has examined workplace organization and PhD students' mental health. Note that Western offers resources for helping students, as well as faculty and staff, with [mental health issues](#).

Our annual Research Showcase on 20 Jan featuring the Harold B. Stewart Lecture and 46 research posters was well attended. Dr. Helen Petropoulos of Ontario Genomics gave the Lecture, a landmark event since she is the first female to do so. She spoke about her transition from a PhD to industry to her current position and highlighted career options for graduate students interested in sectors outside of academia.

## PUBLICATIONS from the labs and collaborators of...

Drs. Ainsworth, Berube, Rodenhiser ( [\$\alpha\$ -thalassemia mental retardation X-linked syndrome](#))  
Drs. Ainsworth, Rodenhiser, Siu ([epi/genetic conditions](#))  
Dr. Ainsworth ([genetics consultation rates](#))  
Dr. Berube ([Atrx in CNS](#))  
Dr. Boffa ([TAFI and angiogenic effects in endothelial cells](#))  
Drs. Brandl, O'Donoghue ([mistranslation](#))  
Dr. Dick ([RB-mediated cell cycle control](#))  
Dr. Edgell ([endonuclease and intron occurrence in corals](#))  
Dr. Gloor ([gut microbiota, birth weight, postnatal diet](#)) ([GR-1 and cardiomyocyte hypertrophy](#))  
Dr. Han ([IGFs in mesenchymal stem cells](#))  
Dr. Haniford ([small RNA in S. typhimurium](#))  
Dr. Hegele ([lipid & lipoprotein disorders](#)) ([lipoprotein apheresis](#)) ([APOC2 mutation](#)) ([dyslipidaemia management](#)) ([proprotein convertase subtilisin-kexin type 9 variants](#)) ([KMT2D p.Gln3575His](#))  
Dr. Huff ([Ldlr-/- mice and bempedoic acid](#)) ([ATP-citrate lyase](#))  
Dr. Konermann ([MRJP1 structure](#))  
Dr. Lajoie ([ADH in mesenchymal stromal cells](#))  
Dr. Li ([tyr phosphoproteome analysis](#)) ([SH2 ligand prediction](#)) ([phosphotyrr superbinders](#)) ([reciprocal protein-peptide array screening](#))  
Dr. Litchfield ([protein kinase CK2](#)) ([influencing cellular interactions](#))  
Dr. Meakin ([ShcD/Erk/Ret/Trk signalling](#))  
Dr. O'Gorman ([toxic shock syndrome and IL-17A](#))  
Dr. Pickering ([quantification of vasculature in mouse limb](#)) ([angiogenesis in ischemic muscle](#))  
Dr. Rogan ([GI primary tumours](#)) ([prediction of breast cancer outcomes](#)) ([Proc. 3rd Int. MPE Mtg.](#))  
Dr. Rupar ([diagnosis of multiple genetic diseases](#))  
Dr. Siqueira ([antifungal drug susceptibility of Candida](#)) ([proteomics of biomaterial surface](#))  
Dr. Turley ([hyaluronan and mammary gland branching](#)) ([RHAMM in adipogenesis](#)) ([glioma, CD44](#))  
[See publication details.](#)

## CONGRATS TO...

Mike Ellis, Kyle Hoffman, Adam Rabalski, Jason Wolfs for successful PhD defenses

Paul Desormeaux for a successful MSc defense

Jake Aguirre—featured in [Parkinson Canada video](#)

Jake Aguirre, Karen Dunkerley, Charles Ishak for [London Health Research Day Publication Awards](#)

Nileeka Balasuriya for the [3 Min Thesis Competition](#)

Amy Burke, Christina Chung, Edward Cruise, Paul Desormeaux, Jacqueline Dron, Ryan Killoran, Matthew Maitland, Alexander Roy, Stephanie Zukowski for USC Teaching Honour Roll Awards of Excellence

Christina Chung for an NSERC CGSD award

Mike Ellis for the 2016 Dr. Bishnu D. Sanwal Graduate Performance Award

Drs. Brandl, Hegele, Shaw, Yeung for Schulich [Equipment AID Grants](#) (on Dr. Brandl's grant: Drs. Edgell, Haniford, Gloor, Meakin; on Dr. Yeung's grant: Drs. Ball, Ling, Litchfield, Shaw, Shilton)

Drs. Choy, Lo, Rodenhiser - photos included in the 2017 Schulich calendar and desktop backgrounds

Dr. Dunn - featured in the [Western Undergraduate Research Journal](#)

Drs. Edgell, Gloor for [Ontario Genomics SPARK Program](#) funding

Drs. Edgell, Gloor, Schild-Poulter for publishing on the next-generation form of CRISPR for gene editing ([Proc. Natl. Acad. Sci.](#)) and being featured in [Western News](#), [engadget.com](#), and [CTV News](#)

Dr. Hegele for being featured in [Times of India](#)

Dr. Lee for being featured in [Schulich News](#) for her contributions to teaching and mentoring of students

Drs. McLachlin, Siu for USC Teaching Honour Roll Awards of Excellence

Dr. O'Gorman and colleagues for the [2017 Charles S. Neer Clinical Science Award](#) from The American Shoulder and Elbow Surgeons Society (highlighted by "[Orthopedics This Week](#)" and [LHSC website](#)) for the [publication](#) in *J. Shoulder Elbow Surg.*

Dr. Rogan (as company partner) and Dr. Waller (OIT) for an NSERC Engage Grant

Drs. Rogan, Knoll for patent 9,624,549 (Stable gene targets in breast cancer and use thereof for optimizing therapy)

Dr. Siqueira for being appointed VP of the Canadian Association for Dental Research ([Schulich News](#))