

## PEOPLE (AND OTHER) STUFF

Welcome to our two new staff members, Boun Thai and Megan Luckovitch, who started in July. Boun stepped into the role of the Manager of Operations and Safety that was previously held by Kyle Pollard. Megan took over the position of the Graduate & Undergraduate Program Administrator held by Lindsay Ralph. We hope they will enjoy their time in Biochemistry!

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

Dr. Ainsworth ([Variants in familial cancer syndromes](#)) ([Cancer NGS panels](#))  
Drs. Ainsworth, Balci, Rodenhiser, Siu ([DNA methylation, neurodevelopmental disorders](#))  
Dr. Balci ([Mosaic RASopathy and KRAS variants](#))  
Drs. Bhayana, Li ([Differentiating COVID-19 outcome and variants](#))  
Drs. Boffa, Koschinsky ([Determination of Lp\(a\) levels](#)) ([Lipoprotein proteomics and aortic valve transcriptomics](#)) ([Lipoprotein\(a\) vs. LDL proteomic profiles](#))  
Dr. Choy ([KEAP1 cancer mutants and protein stability](#))  
Drs. Choy, Duennwald, Konermann ([Nrf2 - partial disorder](#))  
Dr. Connaughton ([Exome of VATER/VACTERL patients with renal phenotypes](#))  
Drs. Connaughton, Siu ([Diagnosis of tuberous sclerosis and TSC2 variant](#))  
Dr. Gupta ([IGFBP-1, nutrient deprivation, PKCα](#)) ([Hypoxia, IGFBP-1, intrauterine growth restriction](#))  
Dr. Hegele ([Familial partial lipodystrophy type 2](#)) ([Familial chylomicronemia syndrome](#)) ([Saudi familial hypercholesterolemia patients](#)) ([Apolipoprotein E variation and cognitive impairment in neurodegeneration](#))  
Dr. Heinemann ([Gld2 activity, RNA specificity, QKI-7](#))  
Drs. Heinemann, O'Donoghue ([Synthetic nucleic acids](#))  
Dr. Hudson ([Disrupters of G-quadruplex DNA](#))  
Drs. Lajoie, Schild-Poulter ([Proteomics, ubiquitination substrates, CTLH complex](#))  
Dr. Li ([HDAC8 activates AKT through PLCB1 and DESC1](#))  
Dr. Litchfield ([Mitotic progression and CK2α - correction](#))  
Dr. O'Gorman ([Vancomycin, C. acnes, shoulder arthroplasty mimetic](#)) ([3D bioartificial shoulder joint implant mimetic of periprosthetic joint infection](#)) ([Macrophages and palmar fascia myofibroblasts from Dupuytren's disease](#))  
Dr. Shaw ([S100A10, phospholipids](#)) ([Ubiquitin interacting motifs](#))  
Dr. Siquiera ([Proteomes of salivary proteins on orthodontic brackets and hydroxyapatite discs](#)) ([Attendance for preclinical simulation and clinical education](#)) ([Salivary diagnostic of COVID-19](#))  
Dr. Turley ([Hyaluronan isolation](#))

[See publication details.](#)

## CONGRATS TO...

Sanna Abbasi, Allison Dilliot, Karen Dunkerley, and Julieta Lazarte for successful PhD thesis defenses

Shane Butler for a successful MSc thesis defense

Dr. Jacqueline Dron for receiving a CIHR Banting Postdoctoral Fellowship and the Collip Medal from Schulich for the most outstanding PhD student graduating from a basic sciences program ([Schulich News](#))

Daniel Giguere for being part of the [Lab2Market Program](#) offered by Ryerson University and iBoost Canada to advance research commercialization

Dr. Choy and colleagues for receiving an NSERC RTI

## CONSTRUCTION UPDATE

Renovations in MSB continue behind schedule. We are told that availability of materials and high demand for tradespeople in the construction industry in general are setting our renovations back approximately 16 weeks. Only lab pass-throughs are near completion. Know that we continue to press the building and project managers for information and timelines. Hang in there everyone.

## DID YOU KNOW?

The first MSc degree in Biochemistry at Western was conferred in 1948.