

THE ACTIVE SITE

DEPARTMENT OF
BIOCHEMISTRY NEWSLETTER

THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

VOLUME 6 | ISSUE 1 | Jan - Mar 2015

PEOPLE (AND OTHER) STUFF

Dr. Kaney Ebisuzaki passed away on 3 March. He retired as a faculty member in Microbiology & Immunology and Biochemistry, after 17 years of service. Condolences to his family and friends for their loss ([obituary](#)).

Drs. Hunter and Siqueira have been featured in the 2014 [Schulich Dentistry Alumni Newsletter](#).

Dr. Li and his post-doctoral scholar Dr. Biggar were featured in [Schulich News](#) for their publication in [Nat Rev Mol Cell Biol](#).

Dr. Rogan presented at the SHARCNET Scientific Computing Seminar Series in March. His talk was "Mutation Forecaster, a software resource for genome-scale analysis of complete genes and human genomes."

F1000Research has published a blog post with a [video](#) in which Natasha Caminsky (graduate student in Dr. Rogan's lab) describes their 2015 [paper](#). This paper has also been featured on the [journal's cover](#).

The Biochemistry Dept. is gearing up for another summer research program for undergraduate students. Ten students have been selected for our popular BUSRP (Biochemistry Undergraduate Summer Research Program) and are now being matched to faculty labs.

PUBLICATIONS from the labs and collaborators of . . .

Dr. Berube ([statins/cholesterol/cartilage](#))

Drs. Brandl, Konermann, Litchfield, Shilton ([Pin1](#))

Drs. Brandl, Litchfield, Shilton ([Pin1 and protein kinase networks](#))

Dr. Choy ([Keap1](#))

Dr. Deroo ([cancer drug sensitization](#))

Dr. Dunn ([SLP2](#))

Dr. Gloor ([probiotics in preterm birth](#))

Dr. Gupta ([IGFBP-1 phosphorylation in fetal growth restriction](#))

Dr. Haniford ([Hfq, IS10 transposase](#)) ([Hfq/RNA interactions](#))

Dr. Hegele ([chylomicronaemia](#)) ([ezetimibe](#)) ([MC4R mutation/obesity](#))

([hypertriglyceridemia](#)) ([PCSK1, BMI, obesity risk](#)) ([statin and muscle symptoms](#))

([HDL](#)) ([monogenic dyslipidemias](#)) ([PMS2 mutation](#))

Dr. Hudson ([nanoparticles](#))

Dr. Li ([ubiquitin ligases](#))

Dr. Rogan ([Review: interpreting mRNA splicing mutations](#)) ([patients with cancer of unknown primary](#))

Dr. Schild-Poulter ([RanBPM](#))

[See recent publication details.](#)

CHANGING TIMES

Change happens all around us - in the seasons, in ourselves as we age, and in our understanding of diseases as biomedical research advances. Change has come to the Dept. of Biochemistry in the form of a new degree, namely the [non-thesis Masters](#).

The first cohort of students starts such a degree on 1 September. Their program includes one year of course work involving individual and group-based projects. Graduates will have gained transferable skills that serve as valuable stepping stones for entry into professional schools, the job market, or graduate programs involving research. Such skills include teamwork, critical thinking, creativity, communication, and independence.

CONGRATS TO...

Michelle Dubinsky and Hannah Goldberg for successful MSc defenses



Mike Ellis on the birth of his daughter Sophie Elizabeth on 18 March. Welcome to our world, Sophie!

Dr. Kyle Biggar, post-doctoral scholar in Dr. Li's lab, for receiving an NSERC Banting Postdoctoral Fellowship

Dr. Edgell for a Faculty Scholar Award ([Western News](#))

Dr. Konermann for the Edward G. Pleva Award for Excellence in Teaching ([Western News](#))