



# The Active Site



DEPT. OF BIOCHEMISTRY  
SCHULICH SCHOOL OF MEDICINE & DENTISTRY  
WESTERN UNIVERSITY



VOLUME 3, ISSUE 2 — MAY-JULY 2012

[Newsletter Archives](#)

## CONGRATS TO...

Dr. Jason Bush for a CIHR Fellowship (post-doc in Drs. Berube/Beier's labs)

Adrienne Elbert (PhD/MD student in Biochemistry/Paediatrics) for a Vanier Canada Graduate Scholarship (featured in [Western News](#))

Chris Johansen (Dr. Hegele's lab) for the 2012 Collip Medal

Judy PENCHUK for a BA in Media, Information, and Technoculture (graduation on 20 June)

Dr. Megan Davey for promotion to Associate Professor

Dr. David Edgell for an OGI SPARK Program Grant

Dr. Lars Konermann for being featured in [Chemical & Engineering News article](#)

Dr. Peter Rogan for being featured in GenomeWeb's [Bioarray News](#); for a Western Applied Research and Commercialization (ARC) Award; for a Canadian Breast Cancer Foundation Grant (National); for a US patent ([8,209,129](#)) for single-copy DNA probes

Dr. Brian Shilton for promotion to Full Professor

Dr. Walter Siqueira for the [International Association for Dental Research Salivary Researcher of the Year Award](#)

Dr. Joe Torchia for a CIHR Operating Grant

## DID YOU KNOW?

Western's first Biochemist was hired in 1921.

Send info for future issues to [Lynn.Weir@schulich.uwo.ca](mailto:Lynn.Weir@schulich.uwo.ca)

## People (and Other) Stuff

Dr. John Capone has been appointed as Western's VP-Research starting 1 Oct. He is a Western alumnus, having graduated with a BSc from our Biochemistry Dept. in 1978. See article in [Western News](#).

Convocation for our undergraduate students took place



Photo courtesy of Dr. Choy

on 14 June. The Dept. held an Awards Ceremony and

reception (see [photos and award list](#)). Congratulations to our students.

The Biochemistry Euchre tournament on 25 July had 15 teams. Erik Holm and Krista Vincent won. Michelle Dubinsky and Matt Renaud won best team name (Bower Rangers).

## Upcoming External Grants

### [CIHR Operating Grants](#)

15 Aug (registration)  
17 Sept (application)

### [CIHR Planning Grants](#)

15 Oct

### [CIHR Industry-Partnered](#)

### [Operating Grants](#)

15 Aug (registration)  
17 Sept (application)

### [NSERC Discovery Grants](#)

1 Aug (registration)  
1 Nov (application)

### [CCSRI Innovation Grants](#)

15 Aug (registration)  
1 Oct (application)

### [Heart and Stroke Foundation Grants-in-Aid](#)

30 Aug

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

Dr. Ainsworth (BRCA1/2)(BRCA gene mutation risk)

Drs. Ball/Dunn/Madrenas (lead author) - featured on June 2012 [cover of Mol Cell Biol](#)

Drs. Brandl/Davey (Mcm2)

Dr. Choy (secondary structures using molecular dynamics simulations) (Keap1 Kelch domain)(Phoneutria toxin peptide expression)

Dr. Dennis (proton pump inhibitor/chromogranin A)(Ontario prenatal screening program)

Drs. Deroo/Mann (methylation imprinting, compromised fertility)

Dr. DiMattia (stanniocalcin-1 over-expression)(stanniocalcin-1/UICP-3)

Dr. Edgell (nucleases, genome edit-

ing)

Dr. Gloor (Canadian Working Group on fecal microbial therapy)(protein sequence alignment/local covariation) (cervicovaginal microbiome)

Dr. Hegele (partial lipodystrophy, PPARgamma deficiency)(BRCA2, cardiovascular disease)(Hypertension Education Program)(Clinical Utility Gene Card for Hypobetalipoproteinaemia) (diabetes)(hypertriglyceridemia in pregnancy)

Dr. Hudson (click fleximers for ribonucleoside analogues)(PARACEST contrast agents for MRI)

Dr. Huff (citrus flavonoids)

Dr. Konermann (unfolded protein ions from electrospray ionization)

Dr. Lajoie (propagation of human embryonic stem cells)

Dr. Litchfield (protein phosphorylation

detection)(pannexin 1, melanoma progression)

Dr. Mann (oocyte mutagenesis)(embryo culture, epigenetics)

Dr. Meakin (RasGrf1/neurite outgrowth)

Dr. O'Gorman (Dupuytren's Contracture)

Dr. Penner (ochratoxin A test in wheat)

Dr. Shaw (modified heptose biosynthesis in *C. jejuni*)(Cx43 mutants linked to oculodentodigital dysplasia)(HPN motif in E2 enzymes)

Dr. Siqueira (dental calculus, hemodialysis)

Dr. Siu (Nager syndrome)

Dr. Torchia (adenovirus evasion)(GCN5/adenovirus E1A)(p15(ink4b) tumour suppressor) - featured in [Western News](#)

[See recent publication details here.](#)