



# The Active Site



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

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## CONGRATS TO...

- Alfonso Dietrich, Kathryn Garside, Amelia Nuhn, Magda Szczepanowska for successful MSc defenses; Brenna Market-Velker, Matthew Cecchini for successful PhD defenses

- Joe Ross and Jennifer Ruizhe Li for poster awards at UWO's Margaret Moffat Research Day

- Matt Cecchini and Courtney Coschi for talk/poster awards at Oncology's Research Day

- Courtney Coschi for her article in the [Londoner](#)

- Amer Youssef for participating in the CIHR National Student Research Poster Competition ([Schulich News](#))

- Dr. Sean Bendall (former PhD student of Dr. Lajoie) for 1st authorship on a *Science* paper

- Dr. Kristi Wood (former MSc student of Dr. Dunn) for her 2011 MD degree from UWO

- Dr. Choy and colleagues, as well as Dr. Lajoie and colleagues, for their UWO Academic Development Fund (ADF) Major Grants

- Dr. Dick for a Canadian Cancer Society Research Institute Grant

- Dr. Gloor for a Faculty Scholar Award

- Dr. Haniford for a Dean's Award of Excellence for Faculty (Individual - Research)

- Dr. Li for an NSERC Discovery Grant

- Dr. Litchfield for the Division of Experimental Oncology Award of Excellence in Research & Teaching

- Dr. McLachlin for a Schulich Education Award

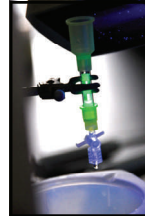
- Dr. Rogan (co-PI) and Dr. Mercer (PI) for an NSERC Engage Grant

- Dr. Siqueira for a CIHR New Investigator Award and mass spectrometer

The Canadian Medical Hall of Fame, UWO, and Fanshawe College co-host the annual Discovery Days in Health Sciences each May. This interactive event provides opportunities for high school students to learn about medical and science professions.

Two Biochemistry faculty, Dr. Derek McLachlin and Dr. Peter

## Inspiring Young Minds



### Hey, it glows: GFP purification

Rogan, participated this year. Dr. McLachlin, with Amelia

Nuhn, showed students how to purify Green Fluorescent Protein (GFP) from cellular extracts using chromatography.

Dr. Rogan, with Stephanie Dorman, Wahab Khan, and Laura Reid, showed students how to use internet search tools to explore human genes that can cause genetic diseases.

## People Stuff

- Dr. Choy is on a 1-year sabbatical starting July 2011.

- Dr. Rogan presented at the [International Symposium on Radioinformatics](#), Bethesda, MD.

- Dr. Rogan's lab presented at the 6th [Canadian Student Conference on Biomedical Computing and Engineering](#) at UWO.

- Dr. Brandl was featured in Western's [Alumni Gazette](#). Also mentioned was [Outreach Science Ontario](#), founded by Dr. Brandl, Dr. Gloor, and Judy Penchuk.

- Congrats to our [2011 Biochemistry graduates](#).

- The Canadian Conference on Epigenetics held in London in May

was featured in [Schulich News](#).

- Biochemistry Graduate Students: Thanks to members of last year's Dept. Standing Committee for a great, exciting year! We need SOGS reps to learn about aspects that affect us and obtain funds for social events. Interested? Contact Lance DaSilva ([ldasilv7@uwo.ca](mailto:ldasilv7@uwo.ca)).

## Publication News

Dr. Ainsworth (diabetes/BRCA1/2)

Drs. Ainsworth/[Rogan](#) (BRCA1/2 splicing)

Drs. Brandl/Lajoie/Litchfield/Shaw/Shilton (PIN1 inhibitor)

Drs. Brandl/[Davey](#) (Mcm2)

Dr. Dick (Hippo/DREAM/Rb)

Dr. DiMattia (stanniocalcin 2)

Dr. Edgell (self-splicing introns)

Drs. Gloor/Li/[Litchfield](#) (CK2/caspase) in *Science Signaling*. Featured in [Schulich News](#)

Drs. Goldberg/[Hunter](#) (calcium oxalate crystal growth)

Dr. Haniford (H-NS/Tn10)

Dr. Hegele (rare variants), (hypertriglyceridemia)(sortilin in cholesterol metabolism)(CREB-H/triglycerides)(genetic testing)

Drs. [Hegele](#)/Huff (hypertriglyceridemia)

Dr. Hudson (peptide nucleic acid conjugates)(cytosine tags in siRNAs)

Dr. Huff (nobiletin/lipoproteins/atherosclerosis). Featured in [Schulich News](#) and [internationally](#).

Dr. Konermann (binding affinities using ESI-MS)(nanodroplets) (membrane protein folding) (conformers of A-beta oligomers)

Drs. [Konermann](#)/Shaw (S100A11)

Dr. Ling (pol iota)

Dr. Litchfield (CK2/JAK-STAT) (CK2/PIN1)

Dr. Mann (with Market Velker and Denomme) 2011, Ch. 23: Epigenetics and Embryo Culture: Advances, Controversies, and Future Considerations. Eds. Swain, Pool, Smith. Humana Press (invited book chapter).

Dr. Pickering (vascular smooth muscle cells)(FGF9/angiogenesis). Latter featured in [Schulich News](#).

Dr. Shaw (Parkin)

Dr. Siqueira (silver nitrate/dental resins)(cavity detection)

Dr. Siu (Pitt-Hopkins syndrome)

Dr. Turley (RHAMM)

[See recent publication details here.](#)

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