

Pathology Post

Summer 2013

Welcome

Welcome Dr. Sangle

The Department of Pathology welcomes
Dr. Nikhil Sangle!

Dr. Sangle will hold an academic appointment at Western University as an Assistant Professor and a clinical appointment at London Health Sciences Centre as an Anatomical Pathologist. Dr. Sangle is a British and American-trained pathologist with 10 years of training and experience in surgical pathology. He has done 3 pathology residencies, one in India, followed by the 2nd at Cambridge University in England, and a 3rd pathology residency from University of Utah in Salt Lake City. He has further completed a fellowship in hematopathology. He is board certified in Anatomic and Clinical Pathology in the USA, UK and India, and has post-graduate degrees from all these 3 countries.

Dr. Sangle has published 16 peer-reviewed papers and he is the first author on most of them. For his research work he has received two national-level awards in the USA, and two research grants.

Since 2008 Dr. Sangle has performed pathology teaching for medical students at the University of Utah Medical School. He has presented at ten national, seven regional, multiple medical student labs, and multiple unknown slide sessions in this program, including national USCAP and ASCP presentations.

New Pathology Fellows

The Department of Pathology is pleased to welcome two new Pathology Fellows; both started July 2 and will be with us for the next year. **Emily Filter** will be doing Cytopathology as part of the Royal College's Diploma program; her program director is **Dr. Michele Weir**. **Derek Kohler**, who joins us from Drexel University/Hahnemann Hospital in Pennsylvania, will be doing a surgical pathology fellowship (hematopathology, lung, breast and GU pathology); his fellowship supervisor is **Dr. Chris Howlett**. Welcome **Emily** and **Derek** - we look forward to working with you.

New Residents

Welcome to our new PGY1 Anatomical Pathology residents **Matthew Kubica** and **Emily Goebel** who started July 2 and welcome to Neuropathology PGY2 resident **Saeed Asiry** who joined the program in May.



Welcome Susan Underhill

Susan Underhill has joined the administration team at the university office of the Department of Pathology. Susan has worked at the university for several years, most recently with the Ontario Ginseng Innovation and Research Consortium and prior to

that with the Office of Research Ethics. Please join us in welcoming Susan.

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Congratulations



Congratulations Emily!

The Department of Pathology congratulates **Emily Keats** (PhD) in successfully defending her thesis in August. Emily is leaving us to start her Masters of Public Health at the University of Toronto.

Congratulations Dr. Gibson!!

Congratulations to **Dr. Candace Gibson** on her appointment as Assistant Dean, Basic Medical Sciences Undergraduate Education, Schulich School of Medicine & Dentistry. In this role Dr. Gibson will provide leadership in directing all aspects of the Basic Medical Sciences Undergraduate Education programs.



Congratulations to our residents



Dr. Fahd Al-Sufiani (Neuropathology), **Dr. Mara Caragea** (Anatomical Pathology), **Dr. Emily Filter** (Anatomical Pathology), **Dr. Iram Siddiqui** (Anatomical Pathology), and **Dr. Sami Siddiqui** (Anatomical Pathology), have successfully passed their Royal College examinations.

Congratulations Dr. Khan



Effective July 1, 2013, **Dr. Zia A. Khan** has been appointed to the administrative role of Director of Research for the Department of Pathology. The major responsibilities for this position will be to support the Department of Pathology and the Chair in the management and development of research programs and facilities in the department, and the recruitment and selection of new researchers.

Dr. Khan has also been appointed as Undergraduate Basic Medical Science Chair in the Department of Pathology. Dr. Khan replaces Dr. Candace Gibson.

Congratulations Zia, on both your new administrative roles!

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Congratulations

Congratulations to our colleagues in Laboratory Services

The leaders at London Laboratory Services Group are committed to the advancement of laboratory professionals through the funding of professional development opportunities. This year's recipients of the LLSG Professional Development Awards are:

Audrey Blanchard, Pathologists' Assistant, Autopsy

Erin Bourguignon, Medical Laboratory Technologist, Flow Cytometry

Ashley Caron, Financial Assistant, Diagnostic Services (LLSG/Medical Imaging)

Kathy Copley, LIS Support Technologist, General Lab

Jennifer Kelly, Medical Laboratory Technologist, Molecular Diagnostics

The Hematology Department at London Health Sciences Centre and the London Laboratory Services Group offer an award in memory of Ilaine Matuscin who passed away in March 2001. The award provides funds toward continuing education. This year's recipient of the Ilaine Matuscin Memorial Bursary is: Denise Charbonneau, Medical Laboratory Technologist, Blood Transfusion.

Congratulations to our Pathology undergraduate student award winners!

Inhae Park and **Mark Trinder** – Frederick N. Lewis Memorial Prize, awarded to the student(s) with the highest mark in PATH 3240a "Understanding Disease Mechanisms".

Dov Kagan – the Professor Colin Anderson Award, for the student with the highest mark in the course, Pathology 3245b "Diseases of Organ Systems".

Brendan Caraher – Western Gold Medal for Honours Specialization in Pathology and Toxicology, awarded to the BMSc Pathology/Toxicology student with the highest grade.

Michael Salna – Western Gold Medal for Scholar's Electives Program. The Scholar's Electives program is designed for high-achieving, self-directed students interested in pursuing an interdisciplinary academic experience.

Pathology Toxicology Honors Program student **James Lee** (Supervisor: Dr. Cindy ML Hutnik) received the Glaucoma Research Award. The award was presented to James on June 15th during the Canadian Glaucoma Society dinner in Montreal "In recognition of excellence by the Canadian Glaucoma Society and Allergan for outstanding contribution in glaucoma research." James has been accepted to the MD program at University of Ottawa.

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CAP-ACP Annual Meeting Award Winner



PGY4 resident **Dr. Cady Pocrnich** was the winner of the Hugh Curry Award at the annual CAP-ACP Meeting in Quebec City in June.

This award recognizes the best poster related to the field of cytopathology presented by a resident.

Dr. David White's research group (Sernova) has been selected by National Centre of Excellence (NCE) as a member of the regenerative medicine consortium.

New Arrivals



Congratulations to Pathology resident, **Dr. Qi Zhang**, who is the father of a second son, Yiming, born on

Saturday, August 3rd at 10:10 am, weighing in at 7lbs 3oz.



Congratulations as well to Pathology graduate student, **Di Chen**, and her husband **Jian Li**, proud parents of a beautiful baby girl,

Ke Lin "Coco". Born on Sunday, July 14th, she weighed in at 3.7kg and was 51 cm long.

Awards

Congratulations to **Rui Ni** winner of the Best Poster Presentation at the Department of Medicine Research Day (May 30, 2013).

Farewell

Congratulations on your retirement Dr. Bend!

Members of the Department of Pathology and the Department of Physiology and Pharmacology gathered to celebrate

Dr. Jack Bend's

many contributions as a faculty member.



Bon Voyage Gail!



Farewell to **Gail** who has retired for a second time from her role as part-time admin assistant in the department office. Happy travels Gail, keep in touch.

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Grants

Heart and Stroke Funding Announcements!



Congratulations to **Dr. Subrata Chakrabarti** on his success in the Heart & Stroke Foundation 2013/14 Grant-In-Aid competition. Dr. Chakrabarti has been approved for 3 years of funding, totalling \$292,220, for his project

"Vasoactive and cardioactive factors in diabetic heart disease". Congratulations, also to our cross appointee **Dr. Weiping Min** for success in his Heart and Stroke Foundation submission. "The role of mTOR and TLR signaling networks on alloimmune modulation in heart transplantation".

Parkinson Society of Canada Pilot Project Grant



Congratulations to **Dr. Martin Duennwald** whose, application entitled "Identification of Parkin Substrates in Early-Onset PD", to the 2013-2015 cycle of Parkinson Society Canada's National Research Program has been approved for a Pilot Project Grant.

Congratulations to Dr. Chakrabarti and Dr. Khan!



Drs. Subrata Chakrabarti and Zia A. Khan are the only two researchers at Western University who have been awarded Canadian Diabetes Association 2013 Operating Grants.

Dr. Chakrabarti's project "Pathogenesis of Diabetic Retinopathy," was recommended for three years of funding for a total of \$274,684. Dr. Khan has been awarded \$206,050 over three years for his project titled, "Vascular Stem Cells in Diabetic Complications." Dr. Khan will be collaborating with **Dr. Chris Howlett** (Pathology) on this project.

Graduate Program

Research Based Program Updates: Congratulations to **Jessica Dubrick**, MSc Candidate (supervisor Dr. Rennian Wang) who successfully defended her MSc thesis entitled, "Elucidating the Role of Menin During Islet Cell Development in the Human Fetal Pancreas."

The URL for your publication is as follows: <http://ir.lib.uwo.ca/etd/1287>

PA

A Pathologists' Assistant Program cake party

The second year students in the - Pathologists' Assistant (PA) MSc Program celebrated the end of their term at University Hospital on Friday June 28 with a cake party. The students will finishing their programs with a two month rotation at a community hospital and will graduate in the fall. Pathologists' Assistants (PAs) are highly-trained health professionals who provide anatomic pathology services under the direct supervision of a medically-qualified pathologist, providing a broad range of services in anatomic pathology. The extra technical skills brought to the laboratory by the PAs standardize and enhance the overall quality in the practice of anatomic pathology.

Publications

Cox AR, Beamish CA, Carter DE, **Arany E**, Hill DJ. Cellular Mechanisms Underlying Failed Beta Cell Regeneration in Offspring of Protein Restricted Pregnant Mice. *Experimental Biology and Medicine*. Feb 28 2013.

Alturkustani M, **Ang LC**. Intracranial segmental arterial mediolysis: report of 2 cases and review of the literature. *Am J Forensic Med Pathol*. 2013 Jun;34(2):98-102.

Beaton MD, **Chakrabarti S**, Levstik M, Speechley M, Marotta P, Adams P. Phase II clinical trial of phlebotomy for non-alcoholic fatty liver disease. *Aliment Pharmacol Ther*. 2013 Apr;37(7):720-9.

Cancer Genome Atlas Research Network, Kandoth C, Schultz N, Cherniack AD, Akbani R, Liu Y, Shen H, Robertson AG, Pashtan I, Shen R, Benz CC, Yau C, Laird PW, Ding L, Zhang W, Mills GB, Kucherlapati R, Mardis ER, Levine DA, **Parfitt J**. Integrated genomic characterization of endometrial carcinoma. *Nature*. 2013 May 2;497(7447):67-73. doi: 10.1038/nature12113. Erratum in: *Nature*. 2013 Aug 8;500(7461):242

Caragea M, Smith P, **Howlett C**, **Parfitt J**, **Chakrabarti S**. "Progressing" Multicystic Mesothelioma of the Liver. *Can J Pathol*. 2013;5(2) Summer:60-4.

Crivello M, Bonaventura MM, Chamson-Reig A, Arany E, Bettler B, Libertun C, Lux-Lantos V. Postnatal development of the endocrine pancreas in mice lacking functional GABAB receptors. *Am J Physiol Endocrinol Metab*. 2013 May;304(10):E1064-76.

Gorelick L, Veksler O, Gaed M, **Gomez J**, **Moussa M**, Bauman G, Fenster A, Ward A. Prostate Histopathology: Learning Tissue Component Histograms for Cancer Detection and Classification. *IEEE Trans Med Imaging*. 2013 May 31. [Epub ahead of print]

Hamilton BO, Sy JS, Megyesi JF, **Ang LC**. Her2neu Amplification Associates with Co-deletion 1p/14q in Recurrent Meningiomas. *Can J Neurol Sci*. 2013 May;40(3):361-5.

Hsia CC, **Chan NG**. Light chain deposition. *Blood*. 2013 Jun 27;121(26):5111.

Li-Chang HH, **Driman DK**, Levin H, Siu VM, Scanlan NL, Buckley K, Cairney AE, Ainsworth PJ. Colorectal cancer in a 9-year-old due to combined EPCAM and MSH2 germline mutations: case report of a unique genotype and immunophenotype. *J Clin Pathol*. 2013 Jul;66(7):631-3.

Malowany JI, Merritt NH, **Chan NG**, Ngan BY. Nested stromal epithelial tumor of the liver in Beckwith-Wiedemann syndrome. *Pediatr Dev Pathol*. 2013 Jul-Aug;16(4):312-7.

Publications

Manage DP, Lauzon J, Atrazev A, Chavali R, Samuel RA, Chan B, Morrissey YC, Gordy W, Edwards AL, Larison K, Yanow SK, Acker JP, **Zahariadis G**, Pilarski LM. An enclosed in-gel PCR amplification cassette with multi-target, multi-sample detection for platform molecular diagnostics. *Lab Chip*. 2013 Jul 7;13(13):2576-84.

Manage DP, Lauzon J, **Zahariadis G**, Pilarski LM. Storing self-contained gel capillary cassettes for POC medical diagnostics. *Lab Chip*. 2013 Aug 22. [Epub ahead of print]

Mosli M, **Parfitt J**, Gregor J. Retrospective analysis of disease association and outcome in histologically confirmed ischemic colitis. *J Dig Dis*. 2013 May;14(5):238-43.

Ragonnet-Cronin M, Lee BE, Plitt SS, **Zahariadis G**, Merks H, Sandstorm PA; Brooks JI. Baseline Clinical HIV Genotypes Are a Valid Measure of Transmitted Drug Resistance Within the Treatment Naive Population. *JAIDS Journal of Acquired Immune Deficiency Syndromes*.

Rakovitch E, Narod SA, Nofech-Moses S, Hanna W, Thiruchelvam D, Saskin R, Taylor C, **Tuck A**, Youngson B, Miller N, Done SJ, Sengupta S, Elavathil L, Jani PA, Bonin M, Metcalfe S, Paszat L. Impact of boost radiation in the treatment of ductal carcinoma in situ: a population-based analysis. *Int J Radiat Oncol Biol Phys*. 2013 Jul 1;86(3):491-7.

Rakovitch E, Nofech-Mozes S, Narod SA, Hanna W, Thiruchelvam D, Saskin R, Taylor C, **Tuck A**, Sengupta S, Elavathil L, Jani PA, Done SJ, Miller N, Youngson B, Kong I, Paszat L. Can we select individuals with low risk ductal carcinoma in situ (DCIS)? A population-based outcomes analysis. *Breast Cancer Res Treat*. 2013 Apr;138(2):581-90.

Sen S, Querques MA, **Chakrabarti S**. North American Ginseng (*Panax quinquefolius*) prevents hyperglycemia and associated pancreatic abnormalities in diabetes. *J Med Food*. 2013 Jul;16(7):587-92.

Tang C, Marchand K, Lam L, Lux-Lantos V, Thyssen SM, Guo J, Giacca A, **Arany E**. Maternal taurine supplementation in rats partially prevents the adverse effects of early-life protein deprivation on β -cell function and insulin sensitivity. *Reproduction*. 2013 May 21;145(6):609-20.

Tang C, Naassan AE, Chamson-Reig A, Koulajian K, Goh TT, Yoon F, Oprescu AI, Ghanim H, Lewis GF, Dandona P, Donath MY, Ehses JA, **Arany E**, Giacca A. Susceptibility to fatty acid-induced β -cell dysfunction is enhanced in prediabetic diabetes-prone biobreeding rats: a potential link between β -cell lipotoxicity and islet inflammation. *Endocrinology*. 2013 Jan;154(1):89-101.

Publications

Wong D, **Irimies A**, **Shkrum J**, **Joseph MG**. Malignant combined squamomelanocytic tumor: a clinical case. *Dermatology Online Journal* 19 (9): 3.

Presentations, Posters & Abstracts

Delport J, Lennox G, **John M**, **Lannigan R**, **Stuart JL**, Schaus D, Diagre D. Comparison of Five Urine Chromogenic Agar Plates for Isolation and Identification of Urinary Tract Pathogens. 28th International Congress of Chemotherapy & Infections. June 2013.

Delport J, Peters G, John M, **Lannigan R**, Schaus D, Diagre D. Coagulase Negative Staphylococci: Comparing MALDI-TOF to VITEK 2 and MIDI Gas Liquid Chromatography. International Congress of Chemotherapy & Infections. June 2013.

Delport J. ESBL and Carbapenemases ... Where does Infection Control fit in? Infection Control Champions, LHSC, SJHC, and Parkwood. City-Wide Infection Prevention and Control. June 2013.

Filter E, **Gabril MY**, **Gomez JA**, Wang P, Izawa J, Chin J, **Moussa M**. Prostate Pathology in Partial versus Complete Submission of Cystoprostatectomy Specimens. Annual Meeting of the American Urological Association. May 2013.

John MA. "Hepatitis A to E" City-Wide Infection Prevention & Control Team Meeting. June 2013.
Kelly JM, Reith C, Stuart AJ, **Driman DK**, Ainsworth PJ. Elimination of pseudogene interference in a PMS2 mutation screen. Validation in patients at risk for Lynch Syndrome in Ontario Canada. European Society of Human Genetics. June 2013.

McLachlin CM, Nereo B, Clipsham S, Gardiner G, Sumner J, Walley V, Colgan T. The interpretation of digital images has long learning curve: Lessons from an automated gynecologic cytology validation study. International Academy of Cytology. May 2013.

Mwamwenda-Heinrich E, **Pocrnich CE**, **Ettler HC**, **Weir MM**. Internal Consultation in a Gynecology Surgical Pathology Service. Canadian Association of Pathologists. June 2013.

Nantes S, **Gabril MY**, **Haig A**, Chan N, Rehman F, Moussa M. Localization of PLA2R Antibody in Membranous Nephropathy and Clinical Correlation. Canadian Association of Pathologists Annual Poster Presentation. June 2013.

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Pocrnich CE, Ettler HC, Weir MM. Internal Consultation in a Gynecology Surgical Pathology Service. Canadian Association of Pathologists. June 2013.

Pocrnich CE, Weir MM, Mwamwenda-Heinrich E. On-Site Adequacy Assessment of Fine Needle Aspiration Biopsies. Canadian Association of Pathologists. June 2013.

Schick B, **Joseph MG**, Rouse TB, **Gabril MY.** Cutaneous Horn: A Case Report. Canadian Association of Pathologists. June 2013.

Shkrum M. The significance of bumper" fractures in motor vehicle death investigations. Multidisciplinary Road Safety Conference XXIII. May 2013.

Weir MM. Workshop on Developing "external match" and "key features" examination questions. Undergraduate Medical Education Annual Retreat, Western University. June 2013.

Other News

First Aid Officer

Linda Jackson, MLT, our departmental technician has been recertified in first aid by Occupational Health and Safety and continues to serve as the first aid officer here on the fourth floor of Dental Sciences. The first aid program is governed by the requirements of the First Aid Regulations under the Workplace Safety Insurance Board Act.



Winnie
June 11

Remember to keep the
good news items coming!

Please send your submission to Susan Stewart
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Schulich School of
Medicine & Dentistry Western University