

August - November 2010
 Issue 4 2010

Welcome

We wish to extend a warm welcome to the new students who began our program in September:

MSc Program

Reem Ansari

– Supervisor Dr. C. Chakraborty

Manoj Hariharan

– Supervisor Dr. W.P. Min

Connor Macmillan

– Supervisors Dr. Ann Chambers and Dr. Alan Tuck

Caroline Trieman

– Supervisor Dr. Hao Wang

Caroline Whiston

– Supervisors Dr. Ann Chambers and Dr. Alan Tuck

James Yip

– Supervisor Dr. Zhuxu Zhang

PhD Program

Wahab Khan

– Supervisor Dr. Joan Knoll

Arthur Lau

– Supervisors Dr. Tony Jevnikar and Dr. Zhuxu Zhang

We would like extend congratulations to Arthur who transferred from MSc to PhD this summer. Congratulations!

Kara McArthur

– Supervisors Dr. T. Peng and Dr. S. Chakrabarti

– We would also like to extend congratulations to Kara who completed her MSc with Dr. Chakrabarti this summer. Congratulations!

Samah Rafehi

– Supervisor Dr. Zia Khan

Welcome

Course and Practicum Based MSc Graduate Program (Pathologists' Assistant)

We would like to extend a warm welcome to our incoming PA students they are:

Rebecca Ellis

Kathryn Greenall

Sonia Sant

Emily Wilkins

Our 2nd year students are currently rotating through Autopsy and Gross specimens.

Oral Maxillofacial Graduate Program

We would like to extend a warm welcome to **Karl Cuddy** who is beginning his 6 year program. Welcome Karl!!

Congratulations



To **Yufeng and Yuexiu Zuo** on the birth of their first child, daughter **Grace Zuo**, born July 25th, 2010.

Congratulations

To **Dr. Aaron Haig** and his wife Sara on the birth of their second child, Claire Susan Haig, born September 7th, 2010.



Congratulations to **Dr. Hao Wang** and his fellow, who have received the International Basic Science Mentee/Mentor Award from the Transplantation Society in 2010. This award recognizes the efforts of scientists, who have advanced our understanding of transplant science, immunobiology, and or treatment of transplant recipients, as well as the importance of young investigators in furthering the basic science of transplantation. Only 20 Mentee/Mentor pairs from total of more than 3,000 applicants have been awarded based on the scientific excellence of the work. Well done!

Congratulations to **Dr. Wei-Ping Min** for his project entitled "Targeting siRNA Delivery Using Nanoparticles for RNA-I Based Therapeutics" **Dr. Wei-Ping** received the Innovation Prize a \$150,000 award, available over three years to Lawson scientists who are conducting research within the London hospital and community

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Congratulations

outreach programs. The principal investigator receives a one-time cash award of \$10,000.00.

Congratulations to **Rana Chakrabarti** from **Dr. Zia Khan's** lab who was awarded the "Best Oral Presentation" at the first Annual Undergraduate Life Sciences Conference (November 20th, 2010, Winnipeg, Manitoba).

Special congratulations to **Dr. David White** who has been elected a Fellow of the Royal Society of Medicine. Well done.

MSc candidate Caroline Whiston (supervisors **Dr. Alan Tuck** and **Dr. Ann Chambers**) received the CIHR Banting & Best Masters Award.

Congratulations to MSc candidate Connor MacMillan (supervisors **Dr. Alan Tuck** and **Dr. Ann Chambers**) on receiving an NSERC award.

Residency Program Updates

Dr. Iram Siddiqui was the winner of the 2010 Dr. Donald Rix Award for her poster presentation at the 61st Annual Scientific Meeting in Montreal, Quebec – July 10th, 2010. Congratulations! Fantastic work!



Graduate Student Updates

August 2010 **Alexandra Kleiman** MSc Candidate with **Dr. Zia Khan** - We would like to congratulate Alex who completed her Degree. Alex has moved to British Columbia to look for a job. Congratulations!!!

Our new and current students are busy with preparing to apply to Provincial and National Scholarships, good luck to everyone who applies.

Andrew Pepper, PhD Candidate, with **Dr. David White** has received an award from MITACS Accelerate PhD Fellowship Program. www.mitacs.ca

Grants

Congratulations to Dr. Zia Khan, who has received official notification of his five-year Heart & Stroke Foundation of Canada New Investigator Award – the only one from Ontario!

Dr. David Driman has been awarded funding for his Pathology Internal Funds for Academic Development (PIFAD) application titled "Comparison of lymph node harvest in colorectal carcinoma patients with or without routing use of GEWF solution".

The Canadian Institutes of Health Research has approved funding for **Dr. Subrata's Chakrabarti's** application entitled: "Preventive Effects and the Mechanisms of action of a Novel Mutant of Fibroblast Growth Factor on Diabetic Cardiomyopathy" submitted to the China-Canada Joint Health Research Initiative. Congratulations Subrata!



CIHR IRSC
 Canadian Institutes of Health Research
 Instituts de recherche en santé du Canada

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Publications

Brant M, Doyle P, Ho D, Kassam Z, Welch I, **Wehrli B**, Leung A, Husein M. Atrophy amongst mucosa-only versus muscular-mucosa superiorly based pharyngeal flaps: a pilot animal study. *Plastic & Reconstructive Surgery*. 2010 Accepted/In Press.

Card S, **Tweedie EJ**, **Shkrum MJ**. A case of vascular Ehlers-Danlos Syndrome presenting at autopsy. *Canadian Journal of Pathology*. 2010 Accepted/In Press.

Chalasani V, Martines CH, Williams AK **Kwan K**, Chin JL. Histological changes in the human prostate after radiotherapy and salvage high intensity focused ultrasound. *CanUrol Assoic J*. 2010 Aug;4(4):E100-2

Chin CJ, Franklin JH, **Moussa M**, Chin JL. Renal Cell Carcinoma Metastases to the Thyroid 12 Years Post-Nephrectomy. *CMAJ – JAMC*, 2010 Accepted/In Press.

Daley TD, **Darling MR**, Minett C, **Driman DK**. Oral Metastatic Hepatocellular Carcinoma: a Changing Demographic in Europe and North America. *Immunohistochemical Advances in the Microscopic Diagnosis*. *Oral Oncol* (2010), doi:10.1016/j.oraloncology.2010.07.007

Dawson A, Chernos J, McGowan-Jordan J, Lavoie J, Shetty S, Steinraths M, Wang JC, **Xu J**. Canadian College of Medical Geneticists (CCMG) Guidelines: Prenatal and Postnatal Diagnostic Testing for Uniparental Disomy (UPD). *Clinical Genetics*, in press.

Fraser LA, Kiai B, Shaban J, Islam A, Diamantouros P, Jones PM, **Tweedie E**, Varghese R, Van Uum S. Caridac pheochromocytoma presenting during pregnancy. *BMJ Case Reports* 2010; doi:10.1136/brc.04.2010.2890

Ge W, Jiang J, Liu W, Saito A, **Garcia B**, Li XC, Wang H. Regulatory T cells are critical to tolerance induction in presensitized transplant recipients through targeting memory T cells. *Am J Transplant*. 2010 Aug;10(8):1760-76.Epub 2010 Jul 15.

Hashem NN, Mara TW, Mohamed M, Zhang I, Fung K, **Kwan K**, **Daley TD**, **Darling MR**, Diamandis EP. Human Kallikrein 14 (KLK14) Expression in Salivary Gland Tumours. *International Journal of Biological Markers*. 2010 Jan-Mar;25(1):32-7.

Jiang YJ, **Ang LC**, Blume WT. Extent of EEG Epileptiform Pattern Distribution in “Focal” Cortical Dysplasia. *J Clin Neurophysiol*. 2010 Sep 14. [Epub ahead of print].

Mendez-Probst CE, Erdeljan P, **Castonguay M**, **Gabril M**, **Wehrli B**, Razvi H. Myxoid chondrosarcoma of the scrotum: a case report and review of the literature. *Can Urol Assoc J*. 2010 Aug; 4(4):E109-11.

Moukarbel RV, **Kwan K**, Fung K. Laryngeal Epithelial-myoepithelial Carcinoma Treated with Partial Laryngectomy. *J Otolaryngol Head Neck Surg*. 2010 Oct; 39(5):E39-41.

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Shuang W, **Garcia B**. Anti-IL-2 receptor antibody decreases cytokine induced apoptosis of human renal tubular epithelial cells (TEC). Nephrology Dialysis and Transplantation. 2010 Nov Accepted/In Press.

Souter LH, Andrews JD, Zhang G, Cook AC, Postenka CO, Al-Katib W, Leong HS, Rodenhiser DI, Chambers AF, **Tuck AB**. Human 21T breast epithelial cell lines mimic breast cancer progression in vivo and in vitro and show stage-specific gene expression patterns. Lab Invest. 2010 Aug; 90(8):1247-58. Epub 2010 May 10.

Sy J, **Alturkustani M, Ang LC**. Intracallosal longitudinal fiber bundle: an unexpected finding mimicking demyelination in a patient with Turner syndrome. Acta Neuropathol 2010 Oct; 120(4):545-7. Epub 2010 Jul 23.

Xu J, Siu, VM. Is there a correlation between the proportion of cells with isodicentric Yp at amniocentesis and phenotypic sex? Prenat Diagn. 2010; Vol 30 (9): 839-844.

Zhang Z, **Garcia B**. Adoptive transfer of DNT cells induces long-term cardiac allograft survival and augments recipient CD4+Foxp3+ Treg cell accumulation. Transplant Immunology. 2010 Nov Accepted/In Press.

Zheng X, Suzuki M, Zhang X, Ichim TE, Zhu F, Ling H, Shunnar A, Wang MH, **Garcia B**, Inman RD, Min WP. RNAi-mediated CD40-CD154 interruption promotes tolerance in autoimmune arthritis. Arthritis Res Ther. 2010;12(1):R13.

Abstracts, Posters and Presentations

Chan S, Garcia F, Chin J, Moussa M, Gabril M. An in Depth Study of Extraprostatic Extension and Margin Status in Radical Prostatectomies. Modern Pathology 2010; 23 (Supplement 1S): 183A USCAP meeting 2010.

Darling MR, McCord C, **Jackson-Boeters L, Daley TD**. Markers of potential malignancy in Chronic Hyperplastic Candidiasis. 88th General session and exhibition of the International Association for Dental Research. Barcelona, Spain. July 14-17, 2010.

Darling MR, McCord C, **Jackson-Boeters L, Daley TD**. Markers of potential malignancy in Chronic Hyperplastic Candidiasis. Journal of Dental Research, 2010: Vol. 89, Special Issue B, Abstract number 3481.

Fok TC, Lapointe H, **Daley TD**, Fung K, **Tuck AB**, Chambers AF, **Jackson-Boeters L, Darling MR**. Expression and localization of osteopontin, homing cell adhesion molecule/CD44 and integrin $\alpha\beta 3$ in selected benign and malignant salivary gland tumours. Canadian Society of Otolaryngology, Niagara Falls, Ontario, May 22 to 24, 2010.

Gabril M, Yousef G. Automated Image Analysis of Microvascular Density in Clear Cell Renal Cell Carcinoma and Its Prognostic Utility. Modern Pathology 2010; 23 (Supplement 1S), USCAP meeting 2010.

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Abstracts, Posters and Presentations

Gabril M, Yousef G. Automated Image Analysis of Microvascular Density in Clear Cell Renal Cell Carcinoma and Its Prognostic Utility. CAP meeting 2010.

Gabril M, Moussa M, Chan S. An in Depth Study of Extraprostatic Extension and Margin Status in Radical Prostatectomies. CAP meeting 2010.

Gabril M, Chan S, Moussa M. An in Depth Study of Extraprostatic Extension and Margin Status in Radical Prostatectomies. USCAP meeting 2010.

Hammond R, Ang LC, Selcen D, Goobie S, Campbell C. Hypertonic muscular dystrophy: recent cases and review. CANP, Toronto, ON, October 2010.

Irimies A, Joseph M, Parfitt J, Gabril M. Basal cell carcinoma with pilomatrical differentiation: a case report and review of the literature. Poster presentation at CAP meeting 2010.

Mangel J, Chin-Yee I, Howson-Jan K, Collins S, **Xu J.** 2009. Patient with APL had PML/RARA fusion by FISH but not (15;17) translocation by G-banding mid-way through treatment. Abstract/PB#924; 59th American Society of Human Genetics Meeting, Oct 20-24, 2009, Honolulu Hawaii.

McLachlin CM. Gyne Oncology Specimens - Streamlining the Process. Cancer Care Ontario, Regional Pathology Gyne-Oncology Workshop, 2010 Oct.

McLachlin CM. Political and Economic Update. Ontario Association of Pathologists, 72nd Annual General Meeting, 2010 Oct.

McLeod R, Irish J, Hunter A, McKnight L, Nhan C, Provvidenza C, Bora B, Chin J, **Driman D**, Evans A, Fleshner N, McCready D, George R, Quan M, Smith A. Moving Evidence into Practice through Online Discussion for Physicians. OICR/CCO Health Services Research Program Meeting (Cancer Health Services Research and Knowledge Translation in Cancer Research), Toronto 2010.

McLeod R, Irish J, Hunter A, McKnight L, Nhan C, Provvidenza C, Bora B, Chin J, **Driman D**, Evans A, Fleshner N, Smith A, Srigley J and the Prostate Cancer and Colorectal Cancer Champion groups. Regional physician champions: local drivers of engagement and quality improvement. OICR/CCO Health Services Research Program Meeting (Cancer Health Services Research Knowledge Translation in Cancer Research), Toronto 2010.

McRae S, Hughes B, **Chan N, McLachlin CM, Chan S, Weir MM.** Comparison of LHSC and Bethesda thyroid FNAB diagnostic categories. Canadian Association of Pathologists' Annual Meeting, Montreal, Quebec, 2010 July. (received Hugh Curry Award for best poster by cytotechnologist).

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Abstracts, Posters and Presentations

Mutrie JC, Anborgh PH, **Tuck AB**, Chambers AF. Osteopontin increases breast cancer cell sensitivity to specific signaling pathway inhibitors. AACR-MRS Joint Conference on Metastasis and the Tumor Microenvironment, 2010 Sept.

Nhan C, Driman DK, Raby M, Smith AJ, Hunter A, Srigley J, McLeod RS. Rectal cancer pathology reporting in Ontario: results of a 2007 audit of margin and lymph node reporting. Canadian Surgery Forum, Quebec City, September 2010.

Patel V, Chande N, **Driman D**, Gregor JC, **Parfitt J**, Ponich T, Schwarz UI, Dresser GK, Kim RB. Drug efflux transporter expression in celiac disease. Canadian Digestive Diseases Week, February 2010.

Patel V, Chande N, **Driman D**, Gregor JC, **Parfitt J**, Ponich T, Schwarz UI, Dresser GK, Kim RB. The expression of drug efflux transporters in celiac disease. Digestive Diseases Week, American Gastroenterological Association, New Orleans, May 2010.

Ramsay D. Traumatismos Craneo-encefálicos. Invited lecture of final year medical students, University of Málaga, Málaga Spain. September 2010.

Ramsay D. Traumatismos Craneoencefálicos: Problemas frecuentes para el patólogo. Invited lecture: Curso de Formación Continuada en Patología Forense, Administración Pública de la Junta de Andalucía y Instituto Málaga, Spain. September 2010.

Ramsay D. Head and Brain Injury Some Recurring Problems for the Forensic Pathologist. Invited contributo, In-House Professional Development Seminars for Forensic Pathologist, Provincial Pathology Unit, Toronto. October 2010.

Rizkalla K. Mantle Cell Lymphoma in situ, LW79; The XVth Meeting of the European Association for Haematopathology, Uppsala, Sweden, Sept. 25-29, 2010.

Siddiqui I, Driman D, Haig A, Gabril M. Adenocarcinoma Arising in Cystic Retal Duplication, Preceded by Retrorectal Dermoid Cyst: A Case Report. Poster presentation at CAP meeting 2010.

Souter LH, Postenka CO, Andrews JD, Rodenhiser DI, Chambers AF, **Tuck AB**. The role of S100A2 in the transition to the invasive phenotype as identified and characterized by the human 21T series 3D model of breast cancer progression. AACR-MRS Joint Conference on Metastasis and the Tumor Microenvironment. 2010 Sept.

Valiyeva F, Jiang F, Elmaadawi A, Yee S, **Moussa M**, Raptis L, Izawa J, Yang B, Greenberg N, Wang F, **Xuan J**. Proto-oncogenic activity of a novel TRIM59 gene, characterized in mouse cancer models. 5th Garvan Signalling Symposium (ASBMB), 2010 Oct.

Ward AD, Crukley C, McKenzie C, Montreuil J, Gibson E, **Gómez JA, Moussa M**, Bauman G, Fenster A. Podium Presentation: "Registration of in vivo prostate magnetic resonance images to digital histopathology images". Medical Image Computing and Computer-Assisted Intervention (MICCAI) Prostate Imaging Workshop, 2010.

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Abstracts, Posters and Presentations Cont.

Ward AD, Crukley C, McKenzie C, Montreuil J, Gibson E, **Gómez JA, Moussa M**, Bauman G, Fenster A. Podium Presentation: "Registration of in vivo prostate magnetic resonance images to digital histopathology images". Annual Meeting of American Association of Physicists in Medicine, 2010.

Ward AD, Crukley C, McKenzie C, Montreuil J, Gibson E, **Gómez JA, Moussa M**, Bauman G, Fenster A. Podium Presentation: "Registration of in vivo prostate magnetic resonance images to digital histopathology images". Annual Meeting of Canadian Organization of Medical Physicists, 2010.

Weir MM. Thyroid FNA Terminology: From Bethesda to Beyond. Ontario Society for Medical Laboratory Sciences, Stratford, Ontario, 2010 Oct.

Weir MM. Thyroid FNA Terminology. Brampton Peel Memorial Hospital Brampton, Ontario, 2010 Oct.

Weir MM. Use of Immunohistochemistry in Gynecological Tumours. Ontario Association of Pathology, Niagara Falls, Ontario, 2010 Sept.

S VM, **Xu J**. A 7.4 Mb deletion by aCGH in 18q12.1q12.3 associated with unexpected alteration of in G-banding staining pattern. 2010 American College of Medical Genetics – 17th Annual Clinical Genetics Meeting, March 24-28, Albuquerque, New Mexico, USA; Poster 113.

Xu J, Jung J. A girl with developmental delay and size asymmetry of the cerebral hemispheres and 47,XX,+der(14)t(3;14) characterized by G-banding, FISH, UPD test and aCGH. 2010 American College of Medical Genetics – 17th Annual Clinical Genetics Meeting, March 24-28, Albuquerque, New Mexico, USA; Poster 96.



**HAPPY
 HOLIDAYS**



Remember to keep the
 good news items coming!

Please send your submission to Susan Stewart
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