

July – September 2011
 Summer Issue 3

Welcome

Dr. Mona Alam-Fahmy began her clinical fellowship in the month of September under the supervision of Dr. David Driman.

Congratulations

Congratulations to **Dr. Bend** a newly inducted Fellow of the Canadian Academy of Health Sciences: Fellows are elected based on their demonstrated leadership,

creativity, distinctive competencies and a commitment to advance academic health science. Election to Fellowship in the Academy is considered one of the highest honours for individuals in the Canadian health sciences community and carries with it a covenant to serve the Academy and the future well being of the health sciences. The induction ceremony was held September 16th. A complete list of Fellows can be found on the CAHS website.
www.caHS-acss.ca/the-fellows/

The Canadian Association of Neuropathologists held their annual meeting this past week in Vancouver (October 14-17). **Drs. Murad Alturkustani, Fahd AlSufiani and Sumit Das** all delivered platform presentations and **Dr. Alturkustani** was awarded the Association's top scientific honour, the Morris J. Finlayson award. Well done Murad!

Congratulations Cont.



Dr. Madeline Moussa has been named a member of the Prostate National Cancer Pathology and Staging Multidisciplinary Expert Panel by The Canadian Partnership Against Cancer (the Partnership). An overwhelming number of submission from candidates was received and the Partnership was very impressed with Dr. Moussa's application. Congratulations.

Graduate Student Updates

"Welcome" to our incoming students:

| | |
|-------------------------------------|---|
| Allen Clifford MSc Candidate | Supervisors – Drs. Ann Chambers and Alan Tuck |
| Alexander Pavlosky MSc Candidate | Supervisor – Dr. ZhuXu Zhang |
| Zachary Kerr MSc Candidate | Supervisors – Drs. Tom Daley and Zia Khan |
| Yadira Tejeda Saldana PhD Candidate | Supervisors – Drs. Michael Rieder and Jack Bend |

Congratulations go to:

The following student who have completed their Degree:

| | |
|----------------------|--|
| Brian Keller, MSc | Supervisor – Dr. Michael Strong |
| Amina Iftekhhar, MSc | Supervisors – Drs. Tianqing Peng and Chandan Chakraborty |
| Manpreet Singh, MSc | Supervisors – Drs. Tianqing Peng and Subrata Chakrabarti |
| Lei Zhang, MSc | Supervisors – Drs. Jack Bend and Michael Rieder |
| Xusheng Zhang, MSc | Supervisors – Dr. Wei-Ping Min |

The following students have successfully transferred to our PhD Program;

| | |
|------------------|--------------------------------------|
| Emily Keats | Supervisor – Dr. Zia Khan |
| Rokhsana Mortuza | Supervisor – Dr. Subrata Chakrabarti |

Congratulations to **Nicole Park** (MSc Dr. J Knoll; 2010/ Research Assistant **Dr. Z Khan's** Lab) who has been accepted into the Molecular Genetics PhD program at the University of Toronto.

Well done **Emily Keats** who passed her PhD comprehensive examination on August 12th!! She is stuck in **Z. Khan's** lab for another few years.

We would like to thank all the graduate faculty members who took time out of their busy schedules to be examiners, chairs for our graduate student examinations.

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Awards – Graduate Students

Wahab A. Khan (PhD candidate, supervisor **Dr. Joan Knoll**): is the recipient of the Dutkevitch Memorial Foundation Graduate Student Travel Award (2011) and will present at the 12th International Congress of Human Genetics (Montreal, QB).

Emily Keats (PhD candidate, supervisor **Dr. Zia Khan**) and **Rokhsana Mortuza** (PhD candidate, supervisor **Dr. Subrata Chakrabarti**) were both recipients of the Dutkevitch Memorial Foundation Graduate Student Travel Award (2011) and presented at the 71st American Diabetes Association Conference in San Diego.

New Initiatives

The newly formed Western Pathology Association (WPA) is an association that will link all members of the Pathology Department (undergraduate students, graduate students, PAs, residents, and faculty). The goal of the WPA is to organize events (academic, professional, social and fundraising events) that will bring the department together. The WPA is canvassing Faculty members for donations (\$50.00 minimum) for startup funds. Please contact **Emily Keats, Arthur Lau** or **Matthew Riopel** for more information.

Alumni News

Congratulations to our alumni:

Natalie Fioratos – Pathologist Assistant/Manager at the IWK Health Centre, Halifax, Nova Scotia
 Vanessa Meunier – Pathology Scientist, Chinook Regional Hospital, Lethbridge, Alberta
 Maria Querques – Medical Student at the University of Toronto (2011 start)

PA Graduate Program News

“WELCOME” to our incoming students:

Jessica Griebing,
 PA Program candidate

Jacqueline Hunter ,
 PA Program candidate

Kathryn Logan,
 PA Program candidate

Kara McArthur,
 PA Program candidate

Grants

| | |
|----------------------|--|
| Chakrabarti, Subrata | Vasoactive factors in diabetic heart disease. Heart and Stroke Foundation \$134 388.00 – 2011/07 – 2013/06 |
| Khan, Zia | Vascular stem cells as therapeutic targets for chronic diabetic complications. Student Award: Emily Keats, Lawson Health Research Fund \$15,000.00 – 2011/07 – 2012/07 |
| Tuck, Alan | Molecular Controls of Early Breast Cancer Progression: Role of Wnt/PCP pathway members Wnt5a and VANG1. London Regional Cancer Program Small Grants for Cancer Research and Training \$24, 855.00 – 2011/07 - 2012/06 |

Publications

Alvarez MM, **Chakraborty C**. Cadmium inhibits motility factor-dependent migration of human trophoblast cells. *Toxicol In Vitro*. 2011 Jul 2. [Epub ahead of print].

Chin CJ, Franklin JH, **Moussa M**, Chin JL. Metastasis from renal cell carcinoma to the thyroid 12 years after nephrectomy. *CMAJ*. 2011 Sep 6;183(12):1398-9. Epub 2011 Jan 17.

Daley T, Darling M. Elastofibroma oralis. *Head Neck Pathol*. 2011 Sep;5(3):259-60. Epub 2011 Sep 6. PubMed PMID: 21894499.

Darling MR, Kotalowski M, Macpherson DG, **Jackson-Boeters L, Wysocki GP**. Oral elastofibromatous lesions: a review and case series. *Head Neck Pathol*. 2011 Sep;5(3):254-8. Epub 2011 Jun 18. PubMed PMID: 21681661.

Hallock A, Hamilton B, **Ang LC**, Tay KY, Meygesi JF, Fisher BJ, Watling CJ, Macdonald DR, Bauman GS. Neurocytomas: Long-term experience of a single institution. *Neuro Oncol*. 2011 Sep;13(9):943-9. Epub 2011 Aug 8.

Khan WA, Knoll JH, Rogan PK. Context-based FISH localization of genomic rearrangements within chromosome 15q11.2q13 duplcons. *Molecular Cytogenetics*. 2011 8;4(1):15.

Lau P, **Li Chang HH, Gomez JA**, Erdeljan P, Srigley JR, Izawa JI A rare case of carcinoma cuniculatum of the penis in a 55-year-old. *Can Urol Assoc J*. 2010 Oct;4(5):E129-32.

Mackenzie IR, Ansorge O, Strong M, Bilbao J, Zinman L, **Ang LC**, Baker M, Stewart H, Eisen A, Rademakers R, Neumann M. Pathological heterogeneity in amyotrophic lateral sclerosis with FUS mutations: two distinct patterns correlating with disease severity and mutation. *Acta Neuropathol*. 2011 Jul;122(1):87-98. Epub 2011 May 21.

Messenger DE, **Driman DK**, McLeod RS, Riddell RH, Kirsch R. Current practice patterns among pathologists in the assessment of venous invasion in colorectal cancer. *J Clin Pathol*. 2011 Jul 1. [Epub ahead of print].

Mutrie JC, **Chambers AF, Tuck AB**. Osteopontin increases breast cancer cell sensitivity to specific signaling pathway inhibitors in preclinical models. *Cancer Biol Ther*. 2011 Oct 15;12(8). [Epub ahead of print].

Saso J, Shields SK, Zuo Y, **Chakraborty C**. Role of Rho GTPases in Human Trophoblast Migration Induced by IGFBP1. *Biol Reprod*. 2011 Sep 21. [Epub ahead of print].

Shahid S, Fraser DD, **Driman DK**, Bax KC. Severe Hypernatremic Dehydration and Metabolic Acidosis due to Neonatal Intestinal Microvillus Inclusion Disease. *Neonatology*. 2011 Sep 30;101(2):154-158. [Epub ahead of print].

Zuo Y, Wu Y, **Chakraborty C**. Cdc42 negatively regulates intrinsic migration of highly aggressive breast cancer cells. *J Cell Physiol*. 2011 May 26. doi: 10.1002/jcp.22853. [Epub ahead of print].

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Abstracts / Presentations

Al Sufiani F, Jiang YJ, W. T. Blume, **Ang LC**. Institutional review of epilepsy resection specimens with focal cortical dysplasia. Canadian Association of Neuropathologist Annual Meeting. Vancouver, British Columbia, September 2011.

Chakrabarti R and **Khan ZA**. Role of PDGF in infantile hemangioma involution. SGU Research Day and Phi Zeta Research Emphasis Day, Grenada, West Indies. September 2011.

Gibson E, Crukley C, Gaed M, **Gomez J**, **Moussa M**, Chin JL, Bauman G, Fenster A, Ward AD. Histopathology to ex vivo prostate MRI. Joint American Association of Physicists/Canadian Organization of Medical Physicists Meeting. Vancouver, British Columbia. July 2011.

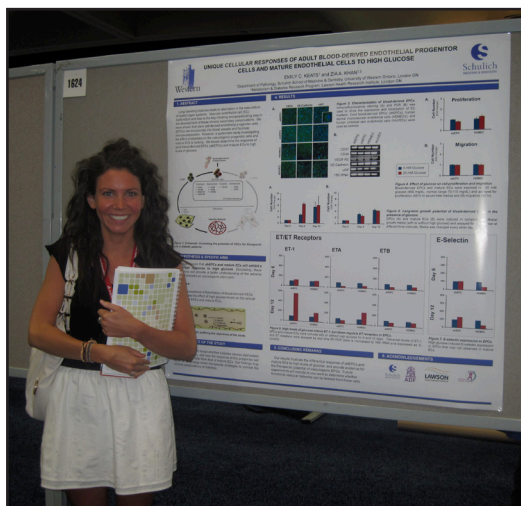
Mortuza R, **Feng B**, **Chen S**, and **Chakrabarti S**. Hyperglycemia accelerates aging in vascular endothelial cells. Presented at the 71st American Diabetes Association Conference, 2011.

Dermatology Update, 2011". A multidisciplinary CME event for family doctors, organized by Schulich School of Medicine and Dentistry CME office, held on Saturday, September 24, 2011 at St. Joseph's Health Care London
Dr. Mariamma Joseph: one of the organizers and a presenter on "Can you make a diagnosis, CPC on common skin rashes" **Dr. Aaron Haig**: a presenter on "Can you make a diagnosis, CPC on common skin tumours".

Keats E, **Khan ZA**. Unique cellular responses of adult blood-derived endothelial progenitor cells and mature endothelial cells to high glucose. Presented at the 71st American Diabetes Association Conference, 2011.

Keats E, **Khan ZA**. High levels of glucose cause increased matrix protein production by human mesenchymal stem cells without altering cell growth, proliferation, and differentiation. Presented at the 71st American Diabetes Association Conference, 2011.

Tuck A. High Risk Pathology – Borderline Lesions of the Breast. Presented at the Canadian Surgery Forum, London Convention Centre. September 2011.



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Miscellaneous

Dr. Garcia's Party – June 25, 2011.



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Miscellaneous Cont.

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Matthew Riopel PhD.
 Candidate would like to extend a thank you for the donations of entry fees for "Sets on the Beach" team, who participated in the Schulich Beach Volleyball Tournament and represented the Department of Pathology. This event was a fundraiser in support of the Alzheimer Society of Canada. With very intense competition, the team was able to make it to the playoffs, but unable to take home a trophy. A great time was had by all, and they are looking forward to representing Pathology in future events. Impressively, the contribution from everyone including the Department of Pathology was in upwards of \$800 for the Alzheimer Society of Canada.

**Remember
 to keep the
 good news
 items coming!**

Please send your submission
 to Susan Stewart
susan.stewart@schulich.uwo.ca
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