

April – June 2011
 Spring Issue 2

Welcome



Welcome to our new leader: **Dr. Subrata Chakrabarti**.

I would like to take this opportunity to thank all of you: members of the Department of Pathology (UWO) and Department of Pathology and Laboratory Medicine (LHSC/SJHC) for your support over the past 11+ years. It has been a roller coaster ride at times, but thankfully we have managed to grow and prosper in all aspects of our enterprise and we are now on the right course and in the capable hands of my successor: Dr. Subrata Chakrabarti.

In this, my last message, I would like to welcome Dr. Chakrabarti on behalf of us all. These are indeed very exciting times and I await with great anticipation all the many great things to come. Best thing of all; I expect to be around to enjoy them.

Best wishes to all.

Bertha M Garcia



Congratulations

Thank you to **Dr. Garcia** for her many years of service. Dr. Garcia's term as Chair/Chief ended June 30th, 2011.

Congratulations to **Tara Meecham** (Garcia) and **Dr. Francisco Garcia** who welcomed Chloe Sabrina Garcia, born June 8, 2011 at 10:19 am. She weighed in at 8 lbs 8 ounces. Both Chloe and mom are doing well.



Residency Program Updates



ROYAL COLLEGE
 OF PHYSICIANS AND SURGEONS OF CANADA

Congratulations to our three PGY5 residents all of whom have successfully passed the Royal College exam. Congratulations **Drs. Mathieu Castonguay,**

Susanne Chan and **Areej Shibani**! Mathieu will be doing a fellowship in the US, Susanne will be doing her fellowship in Toronto and Areej will be continuing here at LHSC as a clinical fellow under the supervision of **Dr. Ang**. Well done to all! You make us proud!

Dr. Mona Alam-Fahmy will begin her clinical fellowship on September 1, 2011 under the supervision of **Dr. David Driman**. Her fellowship will include rotations in GI and liver pathology.

Two new PGY1 AP residents have been matched through CaRMS and will be starting July 1st: Please welcome **Dr. Brian Schick** (MD from Ottawa) and **Dr. Qi Zhang** (MD from China, PhD Winnipeg).

Dr. Emily Filter PGY3/4 is transferring from McMaster. Emily is expected to start in July.

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Graduate Student Updates

Congratulations to Amina Iftekhhar 2nd year MSc. Student in **Dr. Peng's** lab who won best poster presentation at the Department of Medicine's Research Day on May 12th, 2011.

The following students were successful in being awarded OGS Scholarships, they are;

- Caroline Trieman, MSc, **Dr. Hao Wang**
- Connor Macmillan, MSc, **Drs. Ann Chambers** and **Alan Tuck**
- Emily Wilkins, MSc (PA student)
- Wahab Khan, PhD, **Dr. Joan Knoll**
- Arthur Lau, PhD, **Drs. A. Jevnikar** and **Zhuzhu Zhang**
- Samah Rafehi, PhD, **Dr. Zia Khan**
- Yuexiu Wu, PhD, **Dr. Subrata Chakrabarti**

Undergraduates who applied through Pathology who were successful;

- Qiao Zhang
- Rana Chakrabarti

Lesley Souter (Supervisors **Drs. Chambers** and **Tuck**) successfully defended her PhD examination at the end of April.

Mathew Riopel (supervisor **Dr. R. Wang**) successfully transferred from MSc to PhD in April.

The Ontario College of Graduate Studies Review took place on May 30 & 31. This completed both the internal and external review.

Undergraduate Student Updates

Congratulations to **Cassandra Welten** BMSc Honours Path/Tox, supervisors **Zia Khan** and **Lee-Cyn Ang**, who has been accepted into the MD program at UBC.

Frederick N. Lewis Prize (for student with highest grade in Path 3240a) - **Deelan Patel**.

The Professor Colin Anderson Award (for student with highest grade in Path 3245b) - **Deelan Patel**.

PC Shah Summer Work Experience Scholarship in Pathology and Laboratory Medicine - **Rinu Pazhekattu** (will be in Pathology June 13 - August 5, 2011).

Awards – Faculty & Staff



Congratulations to **Linda Jackson-Boeters**, UWO technician who was the recipient of the Dean's Award of Excellence for Staff 2011. Linda was honoured at the Dean's Honours Award Dinner on May 12, 2011 in The Great Hall.

Congratulations to **Dr. Ann Chambers**, Departments of Oncology, Medical Biophysics and Pathology, winner of the Hellmuth Prize, the highest distinction for sustained excellence in research.

In May 2011, members of the Ecosystem Health Research Team based in the Department of Pathology at Schulich (PI **Charlie Trick**, **Jack Bend**, **Irena Creed** and **Regna Darnell**) won the inaugural Western Humanitarian team award for their work at Lake Naivasha, Kenya on a participatory, community-based, collaborative research project with colleagues from Egerton University including Dr. Pamela Tsimbiri, MD the Dean of the Faculty of Health Sciences.

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Awards – Faculty & Staff Cont.

The Humanitarian Awards were established by VP Research, Ted Hewitt “to recognize the Western community’s commitment to social justice issues and to improving the quality of life for individuals and groups”. This collaborative research project is funded by the International Development Research Centre (of Canada); Professor William Shivoga is the Kenyan PI for this project.

Dr. Cady Pocrnich PGY2 was the recipient of the Hugh Currie Award. The award recognizing the best poster(s) or paper(s) at the CAP-ACP Annual Meeting related to the field of cytopathology, presented by a resident (1), and a cytotechnologist (1).

Awards – Pathology Research Day

Pathology Research Day 2011 took place on Tuesday, May 3rd and was a great success. Guest speaker Dr. Torsten Nielsen, Associate Professor and clinician-scientist in the Department of Pathology and Laboratory Medicine at UBC, presented his talk entitled: “Resident Research Project to Clinical Trial: A 10 Year Journey”.

Congratulation to our Award winners:



Chair’s Award for Best Presentation by a Resident:
Dr. Hector Li

Second Place Award for Best Presentation by a Resident:
Dr. Mara Caragea



Dr. M. Daria Haust Award for Best Presentation by a Graduate Student:
Andrew Pepper

Second Place Award for Graduate Student:
Jamie Belo



Poster Presentation Award for a Graduate Student:
Jessica Dubrick

Dr. Cameron Wallace Graduate Student Award in Pathology:
Yuexiu Wu

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Grants

Chantelle Richmond, a CIHR New Investigator in the Department of Geography, UWO and **Jack Bend** are co-principal investigators of a project titled “First Nations Perceptions of the Health Impacts of Living near a Solid Waste Facility” awarded through the Indigenous Health Research Development Program, which is funded by the CIHR.

Phaedra Henley, BMSc, MES, a PhD student in Ecosystem Health/Environmental Pathology was recently awarded a RBC Student Community Service Project Grant, funded by the RBC Foundation for her community-based work with the Walpole Island First Nation. She also won a highly competitive Africa Initiative Graduate Research Grant for the work she is doing at Lake Naivasha, Kenya. Phaedra is supervised by **Jack Bend**, and co-supervised by **Charlie Trick**.

Regna Darnell (Pathology & Anthropology) is a Co-Investigator and **Jack Bend** a Collaborator on a CIHR grant awarded to Janice Graham, Dalhousie University, entitled “Articulating Standards: Translating the Practices of Standardizing Health Technologies.” Darnell and Bend will carry out a study of community negotiation of health standards in relation to the effects of industrial pollution on human health at Walpole Island First Nation. The other prongs of the project will deal with human proteomics (HUPO) processes of devising standards and a case study of introducing a global vaccine into an African country.

Moussa, Madeleine “Evaluation of 18F-choline PET/CT imaging for prostate biopsy guidance using digital pathology-based 3D prostate cancer maps and 3D TRUS-guided targeted biopsy This project was (partially) funded through the Cancer Imaging Network of Ontario (CINO) supported by Cancer Care Ontario with funds from the Ministry of Health and Long-Term Care”.

Publications

AlAmeel T, **Driman DK**, Reynolds, RPA middle-aged woman with persistent gastrointestinal bleed Saudi J Gastroenterol 2011;17:218-9.

Anborgh PH, Mutrie JC, **Tuck AB**, **Chambers AF**. Pre- and post-translational regulation of osteopontin in cancer. J Cell Commun Signal. 2011 Jun;5(2):111-22. Epub 2011 Apr 26.

Boyd K, Henderson C, **Joseph M**, Yardley N, Temple C. Obtaining high cure rates for challenging facial malignancies: A new method for producing rapid, accurate, high-quality frozen sections Canadian Journal of Plastic Surgery 19 (1) 22-26, 2011.

Chan SM, **Gomez-Lemus JA**. Malignant mixed germ cell tumour in a 13-year-old boy with familial testotoxicosis. Can J Pathol 2011 Spring; 3(1):25-26.

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 2011;47:62-67.

Droppelman CA, **Keller B**, Campos-Melo D, Volkening K, **Strong MJ**. RGNEF, a novel RNA binding protein that forms aggregates in amyotrophic lateral sclerosis. Nature Neuroscience.

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Publications Cont.

Goulet B, Kennette W, Ablack A, Postenka CO, Hague N, Mymryk JS, Giguere V, **Tuck AB, Chambers AF**, Lewis JD. Nuclear localization of Maspin is essential for its inhibition of tumour growth and metastasis. *Lab Invest.* 2011 Apr 18. [Epub ahead of print]

Haji F, Alturkustani M, Parrent A, Megyesi J, Gulka I, **Hammond RR**. Simple partial seizures in a 70-year-old female. *Can J Neurol Sci.* 2011 May; 38(3):507-11.

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 May 21.

McArthur K, Feng B, Wu YX, Chen S, Chakrabarti S. microRNA 200b regulates VEG mediated alterations in diabetic retinopathy. *Diabetes* 2011; 60 (4): 1314-23, Epub.

Messenger DE, **Driman DK**, McLeod S, Riddell RH, Kirsch R. Current practice patterns among pathologists in the assessment of venous invasion in colorectal cancer. *Mod Pathol* 11;24:434A.

MG Walker, LJ Yao, E Patterson, **MG Joseph**, G Cepinskas, RAW Veldhuizen, JF Lewis, CM Yamashita. The Effect of Tidal Volume on Systemic Inflammation in Acid-Induced Lung Injury. *Respiration* 81:333-342, 2011.

Mutrie JC, **Tuck AB, Chambers AF**. Osteopontin increases breast cancer cell sensitivity to specific signaling pathway inhibitors in preclinical models.

Abstracts

Hayward V, Temple C, **Joseph M**. Webcasts for clinical clerks - An innovative way for improving the family physician's knowledge and competence in managing skin lesions. Platform presentation by V Hayward at the 16th Congress of the International Confederation for Plastic Reconstructive and Aesthetic Surgery, Fairmount Hotel, Vancouver, Canada, May 22-27, 2011.

Presentations

Anborgh PH, Mutrie JC, **Tuck AB, Chambers AF**. Pre- and post-translational regulation of osteopontin in cancer. Department of Pathology, University Hospital, University of Western Ontario, London, Ontario; Department of Pathology, Windsor Regional Hospital, Windsor, Ontario. London Regional Cancer Program. 2011/06.

Caragea M, Smith PM, **Howlett C, Parfitt JR, Chakrabarti S**. Progressing multicystic mesothelioma of the liver. *Canadian Association of Pathologists.* 2011.

Presentations Cont.

Caragea M, Sy J, Parfitt JR, Driman DK. Tumour budding in stage IIA colorectal carcinoma: a new semi-quantitative method of assessment. Department of Pathology, University of Western Ontario, London, Canada; Department of Anatomical Pathology, Concord Hospital, Sydney, Australia. Canadian Association of Pathologists. 2011.

Chakrabarti S. Histone acetylation and microRNA alteration in the pathogenesis of diabetic retinopathy. ARVO special interest group. 2011/05.

Chakrabarti S. Epigenetics and miRNA in ECM protein production in diabetic retinopathy. ARVO Special interest group on Extracellular matrix in ocular diseases. 2011/05.

Chakrabarti S. Pathogenesis of diabetic retinopathy, endothelial cells at the frontline. Faculty of Pharmaceutical Sciences, University of British Columbia. 2011/05.

Hussain Z. Microbiology of ENT, London Health Sciences Centre, ENT Department. 2011/06/03.

John M. Zoster and Acellular Pertussis Vaccines, Drug Therapy Day. 2011/04/13.

John M. Multi-Drug Resistant Organisms: Protecting Ourselves and our Patients. Post Anaesthetic Care Conference. 2011/04/16.

John, M. ESBL's and MDRO's Impact Across the Continuum of Care. CHICA SW Ontario Chapter Education Day. CHICA SW Ontario Chapter. 2011/04/15.

Lannigan R. "Eat, Drink and Be Wary" Classes Without Quizzes, St. Thomas North American Railway Hall of Fame, St. Thomas, Ontario. Alumni Western. 2011/04/11.

McLachlin CM. Path2Quality - Developing Best Practice Guidelines in Quality Assurance for Ontario's Pathologists. Ontario Hospital Association. 2011/04/04.

Parfitt, J. Pathology Gastroenterology presented at Canadian Association of Pathologists Annual Residents Review Course. Canadian Association of Pathologists Annual Residents Review Course. 2011.

Pocrnich CE, Weir MM. On-Site Adequacy Assessments of Fine Needle Aspiration Biopsies. Canadian Association of Pathologists. 2011/06.

Rasty G, Crafter S, Park A, Kuni D, **Weir MM**, Wolfson A., Yawney L., Gun-Munro J, Flynn G. Digital Cytopathology and Whole Slide Imaging and Its Role in Cytology Education and Proficiency Testing Programs. Canadian Association of Pathologists. 2011/06.

Shibani A, **Tugaleva E, Wehrli B, Weir MM.** Cytology Immunomarker Validation Study: A Comparison and Evaluation with Immunohistochemistry. Canadian Association of Pathologists. 2011/06.

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Presentations Cont.

Siddiqui I, **Wei, MM**. Morphological Effects of Chemotherapy on Ovarian Serous Adenocarcinoma. Canadian Association of Pathologists. 2011/06.

Weir MM. Celebration of Cytology in Canada: From the Last 50 years to the Next. Canadian Association of Pathologists Annual Meeting. 2011/06.

Weir MM. Symposium for Canadian Society of Cytopathology. Canadian Association of Pathologists, Annual Meeting. Vancouver, BC. 2011/06.

In Memory of Kris Milne



Kris Milne had a long and dedicated career with the Department of Pathology which she joined in 1974 as a part time Library Assistant after completing her Audio Visual Technology diploma at Fanshawe College.

During her time with us, Kris easily learned not only the tasks and procedures expected of her, but she was soon also assisting faculty, clinicians and residents in the production and use of visual teaching aids for their teaching and research. Furthermore, and in order to further support our department, she completed her Honours B.A. in Visual Arts at UWO, something she completed on a part time basis. Kris continually further updated her skills by attending numerous workshops and conferences. To acknowledge her contributions, in 1995 she received a plaque from the department.



In 2000 Kris received a promotion to Media Specialist, reflecting her expanding and changing role in the development of visual aids for the department and for Schulich. She moved easily from slides to PowerPoint presentations, from slide projectors to computers, and most recently to digitized microscopic histology/pathology slides. She was a much sought after expert in the use of images in education and was a frequent workshop presenter for Schulich and UWO on such topics as advanced PowerPoint and presentation skills.

To support our educational mission for our graduate and postgraduate students, Kris was responsible for the installation and operation of the large format printing service available to the Schulich community. Kris was the UWOSA representative on UWO Staff Development and Steering Team 2005 —2007.

Kris' technical skills were outstanding and for this reason she remains an irreplaceable member of our department as well as an irreplaceable resource for all Schulich faculty members. She became the Department of Pathology expert for information regarding all media related issues. She was an invaluable support for our Course Directors, ensuring that the teaching mission of the department was always achieved.

Kris was dedicated to the students, in both the undergraduate and postgraduate programs and she was always helpful even when inundated with deadlines. Her sense of humour, positive outlook and her commitment to service made her a pleasure to work with. Kris will be greatly missed. Kris Milne past away at the age of 59 on April 30, 2011. She is survived by her son Nathan.