

From Cell to Clinic Issue #:4 February, 2015

Our Mission

The Western Centre for Translational Cancer Research is a diverse and growing network of researchers who seek to minimize the burden of Cancer.

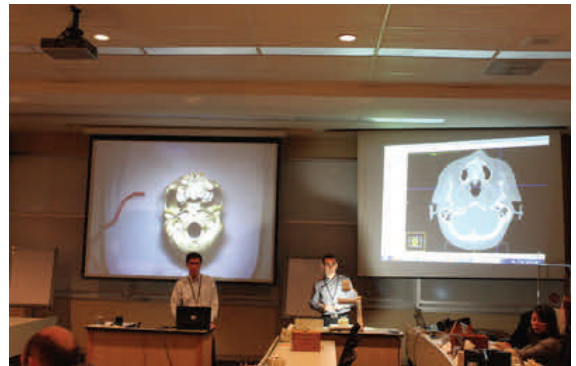
Our Vision

To foster collaborative multi-disciplinary teams to

- ◇ prevent cancer
- ◇ detect cancer earlier
- ◇ develop better cancer treatment

ANATOMY AND RADIATION CONTOURING "BOOTCAMP"

Named to the 2014 Dean's Alumni of Distinction list as well as re-appointed as an OICR Scientist, **Dr. David Palma** has had an exemplary year. Included in these honors are a very successful Anatomy & Radiation Contouring (ARC) "Bootcamp" program attended by over 30 national Radiation Oncology trainees. With Dr. Jaswal (a former LRCP trainee) David and his team of multidisciplinary clinicians and educators passionately committed to teaching & patient care, delivered in 2 1/2 days, intense training to 30 Canadian radiation oncology residents. In addition to detailed clinical content, each interactive presentation highlighted high-yield knowledge of anatomy and radiology. As recognition for this innovative educational program Drs. Palma and Jaswal published "Evaluating the Impact of a Canadian National Anatomy and Radiology Contouring Boot Camp for Radiation Oncology Residents". *Int J Radiat Oncol Biol Phys.* 2015 Jan 13. Jaswal J, D'Souza L, Johnson M, Tay K, Fung K, Nichols A, Landis M, Leung E, Kassam Z, Willmore K, D'Souza D, Sexton T, Palma DA. Congratulations Dr. Palma and Team!!



PROFILING RESEARCH EXCELLENCE AND ACCOMPLISHMENTS

- ◇ Congratulations to **Dr. Aaron Ward** recipient of the Prostate Cancer Canada Rising Star in Prostate Cancer Research: Aaron's research program will focus on; *Multi-Modality Radiomics for Personalized Prostate Cancer Care*.
- ◇ Windsor Cancer Research Group Meeting, November, 2014 was attended by London researchers. **Alexandra Blake**, PhD candidate (Physiology & Pharmacology) in **Dr. Moshmi Bhattacharya's** laboratory received the Best Poster award for her poster "Role of KISS1R in Breast Cancer Chemoresistance".
- ◇ Our Cancer Researchers have been featured in *RAPPORT*, see **Aaron Ward** p 13, **Alison Allan** p. 17 & **David Litchfield** p 27: http://issuu.com/schulichmeddent/docs/25736_rapport_magazine_2014lr2_7c1fe8f8df763e?e=9799474/9354617

CTCR Cancer Research Support Initiatives Grants Funded

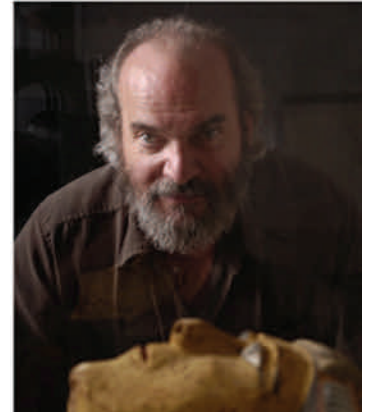
Congratulations to **Dr. Eva Turley** and **Dr. Peter Rogan** recipients of the Centre's 1st grant competition. Dr. Turley's application will support "Glycomic Identifiers for Personalized Cancer Care". With the funding, Dr. Rogan is undertaking a program entitled "Coordinating a local, shared next generation sequencing instrument and bioinformatics platform for translational cancer genomics".

Dr. George Rodrigues' research *Exploring the role of timing and aggression in lung cancer* was profiled on the CTV News and Western News: <http://news.westernu.ca/2014/10/research-explores-role-of-timing-aggression-in-lung-cancer/>

THE MUMMIES ARE COMING !!

- by **Dr. Andrew Nelson, Professor, Department of Anthropology** (anelson@uwo.ca); *THE MUMMIES ARE COMING!!* Well, almost. Cancer is often considered to be a disease of modern times. However, several examples of cancer have been described in isolated case studies of Ancient Egyptian Mummies, most recently in a paper published in PLOSOne (doi:10.1371/journal.pone.0090924). In Fall 2014, Jennifer Willoughby began a PhD in Anthropology, with the goal of undertaking a systematic survey of a large database of CT scans of Egyptian Mummies in order to look for signs of cancer. A similar survey of mummies for signs of atherosclerosis has challenged assumptions about the “modernity” of that disease (doi:10.1016/S0140-6736(13)60598-X). We hope that a survey focused on cancer may shed new light on the natural history of

this disease. Cancer can be difficult to diagnose today even when we have symptoms and the results of batteries of tests – so it will be a challenge in ancient mummies. Dr. Koropatnick has indicated that he is interested to advise, and we may well be coming to others for assistance. Please stay tuned – and watch out for news of mummies very soon.



UPCOMING EVENTS

London Health Research Day

April 1, 2015 Location: London Convention Centre See details at: http://www.schulich.uwo.ca/gradstudies/about_us/monthly_newsletter/2014/september/save_the_date_london_health_research_day_taking_place_on_april_1_2015.html

12th Annual Oncology Research & Education Day

Event Date: June 26 2015 Submit an Abstract at: <http://www.schulich.uwo.ca/oncology/research/>



Attend TASTINGS to Help improve the care experience for patients and families at London Regional Cancer Program

Event Details: April 30, 2015 6:00 p.m.

Location: Best Western PLUS, Lamplighter Inn & Conference Centre, 591 Wellington Rd., London, ON

For Details contact Dr. Gabe DiMattia 519-685-8500 ext 53625 or go to: <https://secure.e2rm.com/registant/TicketingCatalog.aspx?eventid=164858&langpref=en-CA&Referrer=direct%2fnone>

WELCOME NEW CENTRE FOR TRANSLATIONAL CANCER RESEARCH MEMBERS

Dr. Murray Junop (Biochemistry)
Dr. Ali Khan (Robarts Imaging)
Dr. Peter Staphopololus (Physiology & Pharmacology)

For Membership contact Sandra Kleinstiver by email at: sandra.kleinstiver@lhsc.on.ca
519-685-8500 ext 53550 (LRCP) or 519-661-2111 ext 81565 (Western) or Dr. Glenn Bauman, Centre Director at: glenn.bauman@lhsc.on.ca