

The Cancer Research Laboratory Program &
The Centre for Translational Cancer Research
present...

A Collaborative Cancer Research Newsletter

IN THE SPOTLIGHT: THE DEPARTMENT OF ONCOLOGY'S 13TH ANNUAL RESEARCH & EDUCATION DAY



The Department of Oncology's 13th Annual R&E Day was another great success! This annual event is an opportunity for London's Scientists, Clinicians, Graduate Students and Post-Doctoral Fellows to share cancer research discoveries and promote cancer research collaboration and training.

There were 275 registrants and 55 PEL (Partners in Experiential Learning) High School Students at the event on Friday, June 17th 2016 at the Best Western Lamplighter Inn.



Our keynote speaker was
Dr. Elain Mardis!

Dr. Elaine Mardis made the trip to London from McDonnell Genome Institute at Washington University to attend this year's R&E Day.

Dr. Mardis is an internationally acclaimed Cancer Researcher who specializes in Cancer Genetic Testing and was a key researcher in generating the 1st complete sequence of all human chromosomes.



Thank you Dr. Mardis for delivering an outstanding lecture!

Another thank you goes to the Organizing Committee for their hard-work and dedication to making this event a success:

Dr. David Rodenhiser (Chair), Christine Koustrup (Coordinator), Dr. Fred Dick, Dr. Peter Ferguson, Dr. Alex Hammond, Dr. Jim Koropatnick, Dr. Joe Mymryk, Dr. Christopher Pin, Dr. Caroline Schild-Poulter, Dr. Eric Winquist

Poster and Oral Presentation Award Winners: Congratulations!

Oral Presentation Winners:

- **Milica Krstic**, Ph.D. Candidate in Drs. Tuck & Chambers' Lab.
- **Adrian Buensuceso**, Post Doc Fellow in Dr. Shepherd's Lab.

Poster Presentation Winners:

- **Melissa Crawford**, MSc., Department of Physiology & Pharmacology.
- **Emily Murrell**, MSc., Department of Chemistry.
- **John Patrick**, PhD-MCISc, Department of Medical Biophysics.
- **Kara Ruicci**, Ph.D. Candidate in Dr. Nichols' Lab.
- **Louisa Salemi**, Ph.D. Candidate, Robarts Research Institute.
- **Randy Van Ommeren**, Med Student, Department of Clinical Neurological Science.
- **Taylor Freeman**, MSc., Department of Anatomy & Cell Biology.
- **Steven Gameiro**, Ph.D. Candidate in Dr. Mymryk's Lab.
- **Jessica Rodgers**, Ph.D. Candidate, Department of Biomedical Engineering.
- **Jayneel Limbachia**, BSc., Department of Anatomy & Cell Biology.

Centre for Translational Cancer Research (CTCR) Poster Award Winner:

- **Lawrence Yip**, MSc., Department of Medical Biophysics.

Recipients of the Department of Oncology's Excellence in Academics and Teaching Award

The Department of Oncology honours members of its Division for exceptional service & academic merit every year based on nominations and a vote by Division members.

This years award winners are...

Dr. Alexander Louie, Division of Radiation Oncology

Dr. Karin Hahn, Division of Medical Oncology

Dr. Roberto Hernandez, Division of Surgical Oncology

Dr. Trevor Shepherd, Division of Experimental Oncology

Congratulations on receiving this distinguished award.





CONGRATULATIONS TO THE RECIPIENT OF THE DENISE POWER CANCER RESEARCH STAFF AWARD OF EXCELLENCE!

In memory of Denise Power, Administrative Assistant in the CRLP from 1990-2013, candidates are nominated by their co-workers for the Denise Power Cancer Research Staff Award of Excellence. Nominees exemplify the truly dynamic, hardworking individuals working in cancer research, contributing to both their own research group and the greater CRLP/LRCP work environment.

The 2016 Nominees are...

- **Krisztina Antal**, Telemedicine Specialist
- **Janice Kraft**, Laboratory Aide
- **Christine Koustrup**, Coordinator
- **Peter Ferguson**, Research Associate and Safety Officer

Congrats on being nominated for this prestigious award!

Congratulations to the award winner...
**Dr. Peter Ferguson, Cancer Research Laboratory
Program**

NEWS FROM THE CTCR!



The Centre for Translational Cancer Research (**CTCR**) is pleased to announce an exciting funding opportunity: the **Fall 2016 CTCR Travel Award Competition!**

Please find the detailed guidelines and application criteria on the CTCR website. The deadline for this competition is set for **September 1st 2016 at 4:00 P.M.**

All applications, abstracts and videos must be sent to
CTCR Project Coordinator
Elizabeth Mazza: elizabeth.mazza@lhsc.on.ca

Videos should be engaging and creative. This gives applicants an opportunity to showcase their research in a

unique way. Please [CLICK HERE](#) to watch a sample PREZI video with tips, feedback and ideas. Applicants can create videos using Prezi, Youtube or Powerpoint.



If you would like to use a different software program to create your short video please submit an email request to Elizabeth Mazza by August 11th 2016.

Please find more details on the CTCR website:

<https://www.schulich.uwo.ca/ctcr/>.

SUBSCRIBE TO THE CTCR ENEWSLETTER FOR FUNDING OPPORTUNITIES, UPDATES & OTHER CANCER RESEARCH RELATED NEWS!: [CLICK HERE](#)

CONGRATULATIONS TO OUR RESEARCHERS, TRAINEES, SCIENTISTS & STAFF.

The CRLP helps train a new generation of clinician scientists!

- Congratulations to Drs. Turley & Luyt for being selected as the "Innovator of the Year Award" co-recipients to be presented at the 2016 Vanguard Awards presented by WORLDDiscoveries. Great work!
- Doctoral student, Steven Gameiro, in Dr. Mymryk's Lab (CRLP), won an Ontario Graduate Scholarship. Well done!
- Congratulations to Dr. Ann Chambers as co-applicant on Dr. Paula Foster's CIHR Project Grant along with Dwayne Jackson entitled: *Developing In Vivo Imaging Technologies for Quantification of Tumour Associated Macrophages in Breast Cancer (5-year)*.
- Steven Gameiro & Dr. Joe Mymryk (CRLP) wrote an article titled, "HPV Induced Cancers - A Warty Problem", which was published in the *Londoner*. Check it out by [clicking here](#)!
- Jenna Kitz (new MSc student in the Allan lab) was recently awarded a Lawson IRF Scholarship of \$15,000 for the 2016-17 year to support her thesis project: "*Dynamic influence of the epithelial-to-mesenchymal transition on circulating tumour cell (CTC) generation, phenotype, and progression to metastasis in prostate cancer*"
- Doctoral student, Cason King, in Dr. Mymryk's Lab (CRLP), won a Nellie Farthing Award from the Schulich School of Medicine & Dentistry. Established in 1960 through a generous legacy donation from Nellie Farthing, the Fellowship recognizes excellence in research to a full-time doctoral student in Medical Sciences and is worth \$3,000. Congratulations, Cason!
- Dr. Joe Mymryk (CRLP) was awarded a 5-year NSERC Discovery grant, "Identification of short linear peptides that function as protein interaction motifs and confer nuclear import". Great work!
- Steve Gameiro, Kristianne Galpin, Ali Zhang & Sahil Gandotra, in Dr. Mymryk's Lab (CRLP), are all giving oral presentations at the 2016 DNA Tumor Virus meeting in Montreal in July! Martin Prusinkiewicz will be giving a poster presentation at that meeting. Additionally, Steve, Kristianne & Ali won travel awards from the Dept. of Microbiology & Immunology. Congratulations
- Congratulations Dr. Nicholas Power for receiving the Ernsting Entrepreneurship

Award for his compelling and effective pitch on the 'MY-osto-ME' project at this years FACIT Falcons' Fortunes Event/Competition hosted by The Fight Against Cancer Innovation Trust (FACIT). This economical port, bag and belt system for urostomy patients aims to reduce their rate of complications, facilitate application, and reduce social stigma; overall helping to improve their quality of life. Dr. Power's presentation won over the crowd as he also received the Audience Choice Award for best pitch. Read more by [clicking here!](#)



UPDATES AND NEWS

Money can't buy
happiness....but it can buy
ice cream & wine and that's
about the same thing!



Come by the CRLP Administration Office located in the LRCP on the 4th floor (Rm. 107) in the Cancer Research Labs to purchase your tickets!

ICE CREAM: \$2.00 each

WINE BASKET RAFFLE: \$2.00 each
OR 3 for \$5.00 (what a steal!)

...Its Just Lunch!

Have you heard about the new "Its Just Lunch" program?

The Division of Experimental Oncology within the Dept. of Oncology has initiated the "Its Just Lunch" program to encourage informal interactions between various scientists, clinicians, etc. throughout the city. This is an opportunity for cancer researchers and clinicians to get together and discuss common goals, interests and possible collaborations over lunch!

There is no pressure to commit or join in efforts so please enjoy a nice (free) lunch with colleagues and listen to some exciting opportunities.

After all, its just lunch!



*Discussing cancer-related research and joint efforts over a nice lunch with colleagues!
Left to right: Drs. Eva Turley, Francisco Perera, Muriel Brackstone, Arjang Yazdani & Elizabeth Mazza*

If you would like to host a lunch for potential collaborations & to engage with new colleagues please submit an email request to Elizabeth Mazza (elizabeth.mazza@lhsc.on.ca) or Dr. Gabe DiMatia (dimattia@uwo.ca)

The Gerald C. Baines Centre for Translational Cancer Research.

Book your tour today!

Located at London Health Sciences Centre's (LHSC) Victoria Hospital, the **Gerald C. Baines Centre for Translational Cancer Research** provides unique facilities to enable the work of cancer researchers and clinicians.

The Gerald C. Baines Centre coordinates and supports protocol management and clinical/translational research projects that carry high impact for advancing cancer knowledge and patient care.

Would you (or your team!) like a tour of the Gerald C. Baines Centre?

Please contact Richard McClelland, Operations Lead, to discuss different opportunities to get involved and utilize the Baines Research Centre!
(richard.mcclelland@lhsc.on.ca)



RECENT RESEARCH PUBLICATIONS

Glenewinkel, F., Cohen, MJ., King, CR., Kaspar, S., Bamberg-Lemper, S., Mymryk, JS., Becker, W. (2016). The adapter protein DCAF7 mediates the interaction of the adenovirus E1A

oncoprotein with the protein kinases DYRK1A and HIPK2. Scientific Reports, 2016 June 16;6:28241. doi: 10.1038/srep28241. [Click here.](#)

Greenaway, JB., Virtanen, C., Osz, K., Revay, T., Hardy, D., Shepherd, T., DiMattia, G., Petrik, J. (2016). Ovarian tumour growth is characterized by mevalonate pathway gene signature in an orthotopic, syngeneic model of epithelial ovarian cancer. Oncotarget, 2016 June 17; doi: 10.18632/oncotarget. [Click here.](#)

King, CR., Cohen, MJ., Fonseca, GJ., Dirk, BS., Dikeakos, JD., Mymryk, JS. (2016). Functional and Structural Mimicry of Cellular Protein Kinase A Anchoring Proteins by a Viral Oncoprotein. PLOS Pathogens. 2016 May 3;12(5):e1005621. doi: 10.1371/journal.ppat.1005621. eCollection 2016. [Click here.](#)

Lowerison, MR., Hague, MN., Chambers, AF., Lacefield, JC. (2016). Improved Linear Contrast-Enhanced Ultrasound Imaging via Analysis of First-Order Speckle Statistics. IEEE Trans Ultrason Ferroelectr Freq Control, 2016 June 7. [Click here.](#)

Murrell, DH., Zarghami, N., Jensen, MD., Chambers, AF., Wong, E., Foster, PJ. (2016). Evaluating Changes to Blood-Brain Barrier Integrity in Brain Metastasis Over Time and After Radiation Treatment. Transl Oncol. 2016 June;9(3):219-27. doi: 10.1016/j.tranon.2016.04.006. EPub 2016 May 17. [Click here.](#)

Piaseczny, MM., Pio, GM., Chu, JE., Xia, Y., Nguyen, K., Goodale, D., Allan, A. (2016). Generation of Organ-conditioned Media and Applications for Studying Organ-specific Influences on Breast Cancer Metastatic Behavior. J Vis Exp. 2016 Jun 13;(112). doi: 10.3791/54037. [Click here.](#)

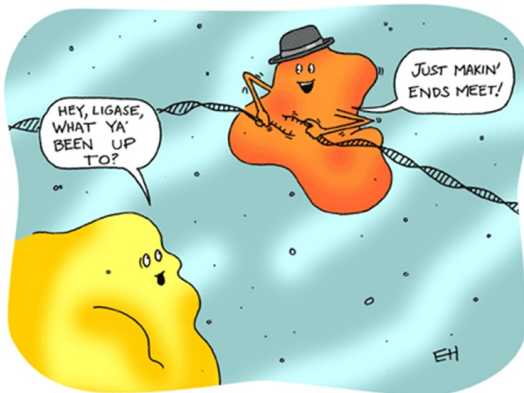
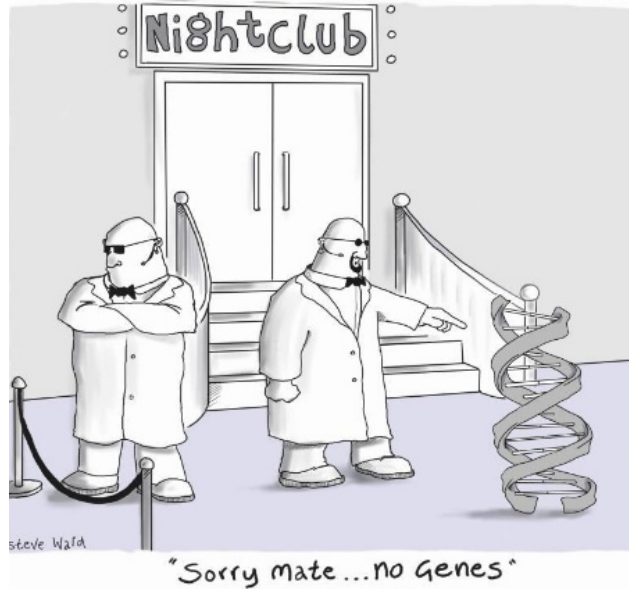
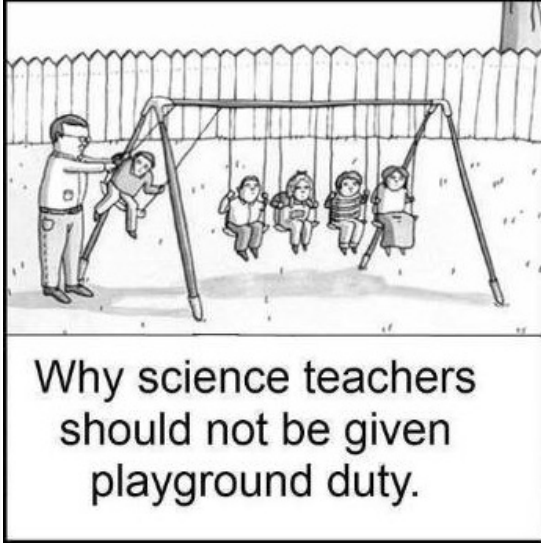
Turley, EA., Wood, DK., McCarthy, JB. (2016). Carcinoma Cell Hyaluronan as a "Portable" Cancerized Prometastatic Microenvironment. Cancer Res. 2016 May 1;76(9):2507-12. doi: 10.1158/0008-5472. CAN-15-3114. EPub 2016 April 20. [Click here.](#)

Williams, KC., Wong, E., Leong, HS., Jackson, DN., Allan, AL., Chambers, AF. (2016). Cancer dissemination from a physical sciences perspective. Conver. Sci. Phys. Oncol. 2 (2016) 023001. doi:10.1088/2057-1739/2/2/023001. [Click here.](#)



MAD SCIENTIST JOKES

You're welcome.



On Social Media? Follow these useful Twitter accounts...

[@LHSFCanada](#)
[@SchulichMedDent](#)
[@CancerRIOT](#)
[@EventsAtLHSF](#)
[@GenomeCanada](#)



PLEASE SHARE YOUR LATEST NEWS, UPDATES & SUCCESSES FOR THE
UPCOMING COLLABORATIVE CANCER RESEARCH NEWSLETTER BY
SENDING YOUR STORY TO ELIZABETH MAZZA
(elizabeth.mazza@lhsc.on.ca).



A collaboration and partnership by the Cancer Research Laboratory Program (CRLP) with the Centre for
Translational Cancer Research (CTCR), London Health Sciences Centre's London Regional Cancer Program
(LRCP), Western University, Schulich School of Medicine & Dentistry and the Lawson Health Research Institute.



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