

ANATOMY & CELL BIOLOGY

NEWSLETTER

October 2020

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October 30th, 2020

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December 11th, 2020

SAVE THE DATES

Halloween Photo Contest

October 28th-30th

Social Committee Trivia Night

October 28th @ 8pm

STAY IN THE LOOP

Tag us at [#westernuACB](https://twitter.com/westernuACB)



ACB Events
Calendar



@westernuACB



ACB Graduate
Council



CONGRATULATIONS

Congratulations to [Meaghan Stoltz](#) (Duennwald Lab), [Maram AlBakri](#) (Lajoie/Renaud Labs) and [Nicole Martin-Kenny](#) (Berube Lab) on their successful MSc thesis defenses.

Congratulations to [Christopher Balestrini](#) on successfully defending his PhD thesis entitled "Vascular Stiffening and the Brain: Direct Measures of Cerebrovascular Stiffness in Aging and Vasodilation"



On October 15th at 1:53 PM, [Amanda Rampersaud](#) (Renaud Lab) and her partner Ben welcomed their first child into the world: Ethan Blake Keith. He was 8 lbs 13 oz and 21 inches long at birth. Amanda is recovering well and is "on cloud nine". Congratulations and well wishes from Anatomy and Cell Biology



SHOW YOUR ACB

PRIDE

SPIRIT WEAR COMING SOON!



For more information, please visit schulich.uwo.ca/anatomy/

SCHOLARSHIPS, AWARDS & GRANTS

Congratulations to the Renaud lab on receiving the Children's Health Research Institute Internal Research Fund. "The placenta-heart axis: exploring how poor placental development contributes to heart defects". PI: Stephen Renaud, CoA: Qingping Feng.



Congratulations to the following trainees who were award winners at ACB Research Day 2020

MSc Research Poster Presentation Award: [Rhett Figliuzzi](#) - Dr. Dale Laird

MSc Clinical Poster Presentation Award: [Shae Book](#) - Dr. Katherine Willmore

PhD Poster Presentation Award: [Matthew Borrelli](#) - Dr. Trevor Shepherd

Postdoctoral Fellow Poster Presentation Award: [Vasudeva Bhat](#) - Dr. Alison Allan

3-Minute Thesis Presentation Award: [Jenna Kitz](#) - Dr. Alison Allan

10 Minute Oral Presentation Award: [Austyn Roseborough](#) - Dr. Shawn Whitehead

RETIREMENT ANNOUNCEMENT

Please join the Department of Anatomy & Cell Biology in extending it's best wishes to [Dr. Cindy Shao](#) from the Laird laboratory who has retired after 22 years at Western as a Research Associate. Dr. Shao has taken a new position at a satellite Mayo Clinic facility in Jacksonville, Florida. This is an exciting opportunity for Cindy and we all wish her well



NEW PUBLICATIONS

**We want to
feature your
new
publications
here!**

submit them to
anatomy@uwo.ca

Mariyan J. Jeyarajah, Stephen J. Renaud, Daniel B. Hardy, Genevieve Eastabrook, Peeyush K. Lala. Protecting the placenta. Health Sciences Inquiry. 2020 11(1)

<https://doi.org/10.29173/hsi308>

Hannah Roberts, Stephane L Bourque, and Stephen J Renaud. Maternal iron homeostasis: effect on placental development and function. Reproduction 2020 160(4): R65-R78.

<https://doi.org/10.1530/REP-20-0271>

Bhat V, Lefebvre C, Goodale D, Rodriguez-Torres M, Allan AL. Isolation and functional assessment of human breast cancer stem cells from cell and tissue samples. JoVE, 2020, doi: 10.3791/61775.

<https://www.jove.com/t/61775/isolation-functional-assessment-human-breast-cancer-stem-cells-from>

Hiromi Imamura, Shuichiro Sakamoto, Tomoki Yoshida, Yusuke Matsui, Silvia Penuela, Dale W Laird, Shin Mizukami, Kazuya Kikuchi, Akira Kakizuka. Single-cell dynamics of pannexin-1-facilitated programmed ATP loss during apoptosis. eLife 2020;9:e61960 DOI: 10.7554/eLife.61960

<https://elifesciences.org/articles/61960>

Nagpal TS, Mottola MF. 2020. Physical activity throughout pregnancy is key to preventing chronic disease. Reproduction (Invited review) Epub ahead of print.

<https://rep.bioscientifica.com/view/journals/rep/160/5/REP-20-0337.xml>

Wowdzia JB, McHugh TL, Thornton J, Sivak A, Mottola MF, Davenport MH. Elite athletes and pregnancy outcomes: A systematic review and meta-analysis. 2020 Med Sci Sports Exerc September 11th Epub ahead of print.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/32925496/>

Grenier LN, Atkinson SA, Mottola MF, Wahoush O, Thabane L, Xie F, Vickers-Manzin J, Moore C, Hutton EK, Murray-Davis B. 2020 Be Healthy In Pregnancy (BHIP): Exploring factors that impact pregnant women's nutrition and exercise behaviours, a qualitative study. Mat Child Nutr Epub ahead of print.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/32705811/>

Nagpal TS, Prapavessis H, Campbell CG, de Vrier B, Giroux I, Mottola MF. 2020. Are pre-pregnancy weight fluctuations and adherence to prenatal nutrition and exercise recommendations related to excessive gestational weight gain? Journal of Behavioral Medicine Epub ahead of print.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/32361794/>

Vargas-Terrones M, Nagpal TS, Perales M, Prapavessis P, Mottola MF, Barakat R. 2020 Physical activity and prenatal depression: going beyond statistical significance by assessing the impact of reliable and clinical significant change. Psychological Medicine, Epub ahead of Print

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/32102723/>

Nagpal TS, Prapavessis H, Campbell CG, de Vrijer B, Bgeginski R, Hosein K, Paplinski S, Manley M, Mottola MF. 2020. Sequential introduction of exercise first followed by nutrition improves program adherence during pregnancy: a randomized controlled trial. Inter J Behavioral Med. 27(1):108-118.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/31872340/>

NEW PUBLICATIONS CONT..

Perreault, M, Atkinson, SA, Meyre, D, Fusch, G, Mottola, MF and the BHIP Study team. 2020. Summer season and recommended Vitamin D intake support adequate Vitamin D status throughout pregnancy in healthy Canadian women and their newborns. J Nutrition. 150(4):739-746.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/31732740/>

Moore CJ, Perreault M, Mottola MF, Atkinson SA. 2020. Diet in early pregnancy: focus on folate, vitamin B12, vitamin D and choline. Canadian Journal of Dietetic Practice and Research. 81(2):58-65.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/31512510/>

Davenport MH, Horbachewsky T, Brown M, Graham N, Love J, Mottola MF, Ruchat SM. 2020 Infographic. Prenatal physical activity: baby steps for better health. Br J Sports Med. 54(6):360-361.

<https://pubmed-ncbi-nlm-nih-gov.proxy1.lib.uwo.ca/31377724/>

PRESENTATIONS & CONFERENCES

Dr. Silvia Penuela was invited as a platform speaker for the webinar entitled: Technological Advances that Herald a Renaissance in Peptide Drug Discovery, held on October 15, 2020 and organized by the Massachusetts Biotechnology Council. Dr. Penuela presented the talk entitled "Targeting Pannexin 1 channels in disease".

Dr. Nathalie Berube presented in the Montreal Epigenetics Seminar Series on September 29, 2020, where she gave her talk entitled "Tracking the impact of chromatin dysregulation on brain development and memory processes".

Congratulations and thank you to all the trainees who presented their research in Anatomy & Cell Biology's Research Day 2020

10 Minute Oral Presentations

Michelle Klausner - Dr. Stephen Renaud
Andrew Horne - Drs. Tyler Beveridge & Sarah McLean
Austyn Roseborough - Dr. Shawn Whitehead
Brent Wakefield - Dr. Silvia Penuela
Chidambra Halari - Dr. P.K Lala
Cory Lefebvre - Dr. Alison Allan
Katherine Quesnel - Dr. Nathalie Berube
Ornela Kljakic - Drs. Vania and Marco Prado

Poster Presentations

Adam Jaremek - Dr. Stephen Renaud
Ahmed Salem - Dr. Martin Duennwald
Dolly Dhaliwal - Dr. Trevor Shepherd
Jacob Haagsma - Dr. Trevor Shepherd
Marco Herrera - Drs. Lauren Flynn & Dr. Cheryle Seguin
Rhett Figliuzzi - Dr. Dale Laird
Sarah Myers - Dr. Shawn Whitehead
Courtney DeCarlo - Dr. Brian Allman
Emma Jayne - Dr. Tyler Beveridge
Gabriella Alagha - Drs. Michele Barbeau & Michelle Mottola
Hei Ching Kristy Cheung - Dr. Michele Barbeau
Shae Book - Dr. Katherine Willmore
Alycia Crooks - Dr. Vania & Marco Prado
Kyla Gaeul Lee - Dr. Rajakumar
Rajkamalpreet S Mann - Dr. Susanne Schmid
Mariyan Jeyarajah - Dr. Stephen Renaud

3- Minute Thesis Presentations

Dylan Tinney-Dickinson - Dr. Douglas Hamilton
James Faul - Dr. Michele Battié
Brooke O'Donnell - Dr. Silvia Penuela
Gargi Jaju - Stephen Renaud
Jenna Kitz - Dr. Alison Allan

Matthew Borrelli - Dr. Trevor Shepherd
Rafael Sanchez-Pupo - Dr. Silvia Penuela
Salonee Patel - Dr. Allman & Dr. Whitehead
Adrian Buensuceso - Dr. Trevor Shepherd
Vasudeva Bhat - Dr. Alison Allan
Rober Abodo - Dr. Silvia Penuela

UPCOMING SEMINARS

ANATOMY & CELL BIOLOGY Seminar Series



Friday, October 30th

Speaker: Casey M. Holliday, PhD, Associate Professor,
University of Missouri School of Medicine, U.S
Title: *"Sensational skulls: biomechanics and evolution of feeding in reptiles"*
Host: Elizabeth Jewlal



Friday, November 13th

Speaker: Lisa Cameron, PhD, Associate Professor,
Pathology, Western University
Title: TBA
Host: Dr. Silvia Penuela



Friday, November 20th

Speaker: Janice Roberston, PhD, Professor
University of Toronto
Title: TBA
Host: Dr. Martin Duenwald



Friday, November 27th

Speaker: Shanna Kelley, PhD, Professor, Biochemistry,
University of Toronto
Title: TBA
Host: Dr. Alison Allan



Friday, December 11th

Speaker: Chidambra Halari, PhD Candidate, Anatomy & Cell Biology,
Western University
Title: TBA
Host: Dr. P.K Lala

Join us via Zoom
<https://westernuniversity.zoom.us/j/96347122632#success>
Password: ACBSEM

ACB EVENTS

This year we're taking to Twitter to hold a Halloween Photo Contest and for double the fun we'll be taking costume and pumpkin decorating submissions, with multiple prizes awarded in both.

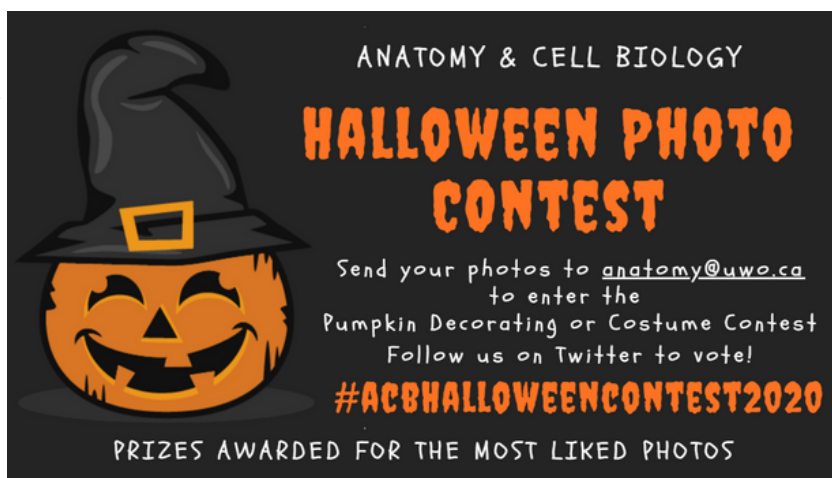
Photo submissions are open until Wednesday, October 28th @ noon. Voting will be live on Twitter from Thursday, October 29th – Friday, October 31st @ noon when our winners will be announced.

Costume Contest

- Dress up, snap a pic and submit it to anatomy@uwo.ca
- Grad Club gift certificates awarded to the individual and "group" photo with the most likes!

Pumpkin Decorating Contest

- Let your inner Picasso out and decorate/carve some gourds, snap a pic and submit it to anatomy@uwo.ca
- Grad Club gift certificates awarded to 1st, 2nd and 3rd place photos



Follow us [@westernuACB](https://twitter.com/westernuACB) and check out [#ACBHALLOWEENCONTEST2020](https://twitter.com/ACBHALLOWEENCONTEST2020) to vote

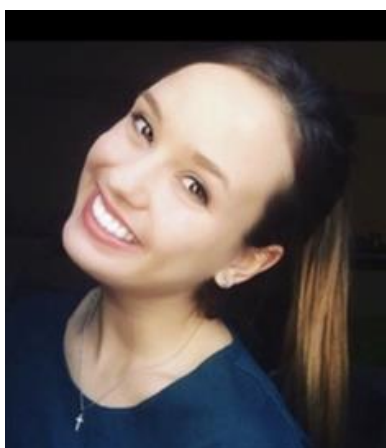
ACB GIVES BACK



ST. JOHN'S HOSPITALITY DINNER

St. John's is continuing to serve those in need during the Covid-19 pandemic, and requires the ongoing support of Volunteers to help prepare and serve food at the community dinners. Social distancing measures and precautions are in place to ensure the safety of volunteers and patrons. To register, please add your name to the volunteer sign up sheet by [clicking here](#)

FUNDRAISER FOR JOCELYN MCGLYNN.



Friends of Jocelyn McGlynn, an Undergraduate Student with the Renaud Lab who passed earlier this year, are putting together a fundraiser for "Light the Night". The event "Take Back The Light" took place on October 24th, 2020 but donations to help in the fight against blood cancers are still being accepted.

[Click here](#) if you'd like to support this cause.



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