

# ANATOMY & CELL BIOLOGY

## NEWSLETTER

### FEBRUARY - APRIL 2023

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May 13th, 2023

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June 16th, 2023

##### Murray L. Barr Lecture

October 27th, 2023

##### ACB Research Day

October 27th, 2023

#### STAY IN THE LOOP

Tag us at [#westernuACB](#)



ACB Events  
Calendar



@westernuACB



ACB Graduate  
Council



### DEPARTMENT NEWS

#### WELCOME ANNOUNCEMENTS

Congratulations to [Dr. Tyler Beveridge](#) and family who welcomed their second child, Brooks Beveridge on February 24, 2023

In March we welcomed [Miranda Fullerton](#) to the ACB Administrative Team, as Academic Program Coordinator. Miranda joined us from the Faculty of Science where she was the Grad Program Coordinator for Stats and Actuarial Science. We are very excited to have her on our team! If you haven't had a chance to meet her, stop by the ACB Admin office to say Hi and introduce yourself.



#### ANATOMY LAB VISIT

The Anatomy Lab was visited by Vice Provost Dr. Florentine Strzelczyk, Provost & Vice-President of Academics, on February 8, 2023, where she took part in a tour of the lab facility and saw both medical and ANATCELL 9560 students at work, along with the addition of ultrasound teaching into the P1 anatomy labs.

## SCHOLARSHIPS, AWARDS & GRANTS

Congratulations to [Dr. Charys Martin](#) on her successful collaborative grant with the University of Manitoba and their University Collaborative Research Program for the project "An Evaluation of MSK Anatomy Teaching and Knowledge Retention Across Canadian Health Science Education Programs"

Congratulations to [Dr. Charys Martin](#) and [Dr. Sarah Mclean](#) on their successful Collaborative Research Seed Grant with Abbas Jessani, and Michael Silverman for the project "The experiences of accessing healthcare services by people living with HIV in Southwestern Ontario: from service user perspective to curricular changes".



Congratulations to [Dr. Michelle Mottola](#) and [Dr. Brian Allman](#) who were both awarded the Children's Health Research Institute 2022 Scientist Innovation Grant. <https://www.lawsonresearch.ca/chri/congratulations-chri-2022-scientist-innovation-grant-awardees>

Congratulations to the successful applicants of the Fall 2022 NSERC Discovery Grants:

[Dr. Stephen Renaud](#) - "Regulatory mechanisms of placental development and placental-fetal signaling"

[Dr. Charles Rice](#) - "Neuromuscular generation and control of force output in humans"

[Dr. Sarah Hayes](#) - "Cortical Gamma Oscillations in Auditory Processing and Perception: Role of Local and Long-range Connectivity"



Congratulations to the 2023 Award of Excellence recipients who will be honoured on May 31, 2023 at the annual awards celebration. [Read about all the 2023 recipients here.](#)



[Karyn Bailey](#)  
Schulich Awards of  
Excellence for Staff  
Newcomer Award



[Dr. Tyler Beveridge](#)  
Schulich Excellence in  
Education Awards for  
Graduate/Postgraduate  
Schulich Educator  
Award



[Dr. Alison Allan](#)  
Dean's Awards of  
Excellence for  
Faculty  
Preclinical &  
Translation  
Research



[Dr. Jibran Khokhar](#)  
Dean's Awards of  
Excellence for  
Faculty  
Research and  
Innovation  
Early Career  
(Basic)



[Dr. Sarah McLean](#)  
Dean's Awards of  
Excellence for  
Faculty  
Community  
Outreach

## SCHOLARSHIPS, AWARDS & GRANTS CONT...

Congratulations to the successful Canada Graduate Scholarships - Master's applicants:

Urvi Patel (Allan Lab) Canadian Institutes of Health Research (CIHR)

David Susman (Allan Lab) Canadian Institutes of Health Research (CIHR)

Supreet Singh (Clinical Anatomy) Social Sciences and Humanities Research Council of Canada (SSHRC)

Anastasios Catanzaro (Clinical Anatomy) Social Sciences and Humanities Research Council of Canada (SSHRC)

Charlotte Jones-Whitehead (Clinical Anatomy) Canadian Institutes of Health Research (CIHR)

Baasil Afzal (Flynn Lab) Natural Sciences and Engineering Research Council of Canada (NSERC)

Congratulations to **Kasha Mansour** (Berube Lab) who received the The C. Kingsley Allison Research Grant from the Developmental Disabilities Program in the Department of Psychiatry

## CONGRATULATIONS



Congratulations to **Dr. Charys Martin** who was named the 2023 recipient of the American Association for Anatomists Basmajian Award. This award recognizes health science faculty who are in the formative stages of their career that teach human or veterinary gross anatomy, documented excellence in their contribution to the teaching of gross anatomy, and have outstanding accomplishments in biomedical research or scholarship in education. <https://www.anatomy.org/AAA/AAA/Awards/Congrats-Award-Winners.aspx?hkey=5746a43b-6af8-4eb2-bf46-cdf95e089af7>

Congratulations to **Dr. Peeyush Lala** on being appointed as an honorary advisor to the Graduate Program of the Institute of Regenerative Medicine at Loma Linda University, California

# We want to feature your new publications here!

submit them to [anatomy@uwo.ca](mailto:anatomy@uwo.ca)

## NEW PUBLICATIONS

O'Donnell BL, Sanchez-Pupo RE, Sayedyahosseini S, Karimi M, Bahmani M, Zhang C, Johnston D, Kelly JJ, Wakefield CB, Barr K, Dagnino L, Penuela S. Pannexin 3 channels regulate architecture, adhesion, barrier function and inflammation in the skin. J Invest Dermatol 2023 Feb 20;S0022-202X(23)00103-3. <https://doi.org/10.1016/j.jid.2023.01.030>

Lucaci SA, Figliuzzi R, Neumann R, Nazarali S, Del Sordo L, Leighton SE, Hauser A, Shao Q, Johnston D, Bai D and Laird DW. GJB4 variants linked to skin disease exhibit a trafficking deficiency en route to gap junction formation that can be restored by co-expression of select connexins. Front. Cell Dev. Biol. 11:1073805. <https://doi.org/10.3389/fcell.2023.1073805>

Möhrle D, Yuen PMM, Zheng A, Haddad FL, Allman BL, Schmid S. Characterizing maternal isolation-induced ultrasonic vocalizations in a gene-environment interaction rat model for autism. Genes, Brains, Behavior, e12841, <https://doi.org/10.1111/gbb.12841>

Zheng A, Scott, K, Schormans AL, Mann RS, Allman BL, Schmid S. Differences in start and prepulse inhibition in contactin-associated protein-like 2 knock-out rats are associated with sex-specific alterations in brainstem neural activity. Neuroscience, 513:96-110, <https://doi.org/10.1016/j.neuroscience.2023.01.020>



## PRESENTATIONS & CONFERENCES

Dr. Nathalie Berube presented the talk “Tracking the impact of chromatin dysregulation on brain development and memory processes” on March 3, 2023 in the Department of Cells and Systems Biology Seminar Series, University of Toronto.



Thank you to Drs. Michele Barbeau and Charys Martin who presented the talk entitled “Anatomia Italiana: Connecting Anatomy and Art in Italy” in as part of the ACB Seminar Series on March 31, 2023. Here they are pictured alongside the original table from Bologna's 15th century dissection theatre which was featured in their talk.

Anatomy & Cell Biology was largely represented by faculty, and trainees at the American Association for Anatomists (AAA) annual meeting, Anatomy Connected 2023, held during the March 24th weekend in Washington, DC. A huge congratulations to all the Graduate Students who showcased their tremendous work and to those who received awards:

### Poster Presentations

Amy Pietrantonio (Willmore/Hardy Lab)  
Erinn Brown (Clinical Anatomy)  
Vivienne Hang (Clinical Anatomy)  
Sarah Myers (Allman Lab)  
Angela Pecyna (Clinical Anatomy)  
Kayla Vieno (Rogers/Campbell Lab)  
Hannah Martin (Clinical Anatomy)  
Alyssa Moore (Willmore Lab)

### Oral Talks

Hannah Martin (Clinical Anatomy)  
Alyssa Moore (Willmore Lab)  
Liviana Gallone (Clinical Anatomy)  
Ethan McQueen (Clinical Anatomy)  
Leah Killing (Clinical Anatomy)  
Erinn Biggar (Clinical Anatomy)

### Awardees

Erin Biggar – Langman Graduate Platform Award – First place  
Leah Killing – Langman Graduate Platform Award – Second place  
Liviana Gallone – Educational Research Platform Award – First place  
Erinn Brown – Graduate Student Poster Presentation Award – First place  
Hannah Martin – Graduate Student Poster Presentation Award – Second place



## UPCOMING SEMINARS

# ANATOMY & CELL BIOLOGY Seminar Series

## ACB SEMINAR SERIES- UPCOMING PRESENTATIONS



**Friday, May 12th, 2023**

**Speaker:** Alyssa Moore, PhD Candidate

Anatomy & Cell Biology, Western University

**Title:** "Tissue Interactions Inform Skull Phenotype throughout Development"

**Host:** Dr. Katherine Willmore

Join us in MSB 282 or on Zoom  
<https://westernuniversity.zoom.us/j/92319062457>

## 2023 SUZANNE M. BERNIER MEMORIAL LECTURE

*Please mark your calendars for **Wednesday, May 10<sup>th</sup>** for the  
**2023 Suzanne M. Bernier Memorial Lecture in Skeletal Biology***



**Dr. Anne-Marie Malfait**

### **Mechanisms of Musculoskeletal Pain: Neurons and the Neighbourhood**

**2:00 PM, DSB1002**

Anne-Marie Malfait, MD, PhD, is Professor of Medicine and the George W. Stuppy, MD, Chair of Arthritis at Rush University. Her group studies the relationship between joint damage and the neurobiological processes that underlie pain associated with rheumatic diseases. Dr. Malfait has co-authored more than 100 peer reviewed papers. She is the Director of the P30-funded Chicago Center for Musculoskeletal Pain (NIAMS), and co-director of a T32 that provides postdoctoral training in Joint Health. She is PI of RE-JOIN, an NIH-funded consortium aimed at mapping the joint-nerve interactome of the knee. She is strongly committed to motivating young researchers to join the efforts to study osteoarthritis and joint pain.

*The lecture series and graduate student award was established to highlight outstanding contributions to the field of musculoskeletal research in honor of Dr. Suzanne Bernier, a wonderful colleague, collaborator, and mentor, who passed away in 2007.*



## UPCOMING ACB EVENTS

### HOT YOGA CLASS

The Graduate Student Council is hosting another private beginner Hot Yoga Class with Modo London on Sunday, May 7th from 1pm-2pm. This class is open to everyone, and you are invited to bring a friend or partner. Come with your own Yoga Mat or rent on onsite for \$2

**Free for ACB Trainees**

**\$5 for Non-Trainees/Non-department Members**

**Please RSVP by Monday, May 1st to:**

**Emily Tomas** (etomas3@uwo.ca) by email or in person at Victoria Hospital with cash/etransfer or  
**Karyn Bailey** in MSB 443 with cash only



### ANNUAL BODY BEQUEATHAL MEMORIAL SERVICE

Please save the date for the annual Memorial Service to honour the donors of our body bequeathal program on Saturday, May 13th from 11:00am to 12:30pm at the Student Life Building at King's University College. This service is a moving event, that gives us an opportunity to thank the families who have given us all this invaluable gift.

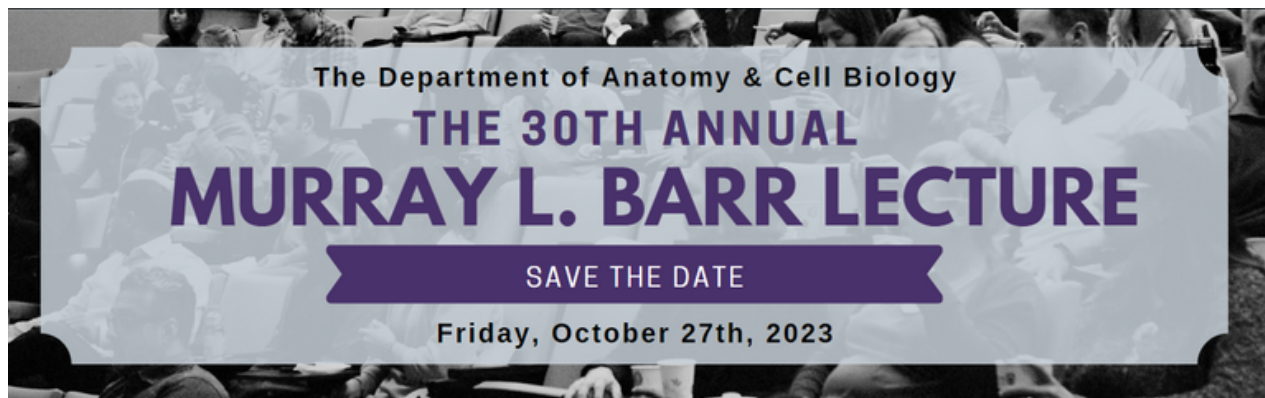
### AWARDS DAY 2023

Save the Date for our annual Awards Day on Friday, June 16th, 3:00pm, at The Wave, where we will celebrate the 2022-2023 award winners and graduating class. An RSVP will be shared shortly



### MURRAY L. BARR LECTURE & ACB RESEARCH DAY 2023

We are pleased to announce Nobel Prize winner Dr. Susumu Tonegawa as our guest speaker for the 30th Annual Murray L. Barr Lecture. The event will be held in person on Friday, October 27th 2023, followed by Anatomy and Cell Biology's annual Research Day, stay tuned for more details.





## CAMPUS NEWS & EVENTS

### SUPPORT OUR SCIENCE: NATION-WIDE WALK OUT



At 1:00pm on May 1st, 2023 Graduate students, postdocs, and all who support them will perform a Nationwide walk-out across Canadian post-secondary institutions, to demand increased federal investments for graduate students and postdoctoral students.

This protest is organized by Support Our Science (SOS); a grass-roots organization representing graduate students, postdoctoral scholars and faculty across the nation. SOS advocates for increased and livable wages for trainees who drive innovation and transformative research in our institutions.

Show your support for Western trainees by RSVPing and joining the protest in front of the UCC on concrete beach at 1:00pm, May 1st, 2023.

### WESTERN EMPLOYEE HEALTH FAIR

As part of Mental Health Awareness Week, on May 2, 2023, Employee Well-being and Living Well at Western will be hosting the Western Employee Health Fair from 10 a.m. - 2 p.m. in the Thames Hall atrium. This event will feature over 40 vendors and booths showcasing resources and information to help improve your overall health and wellness! There will be giveaways and prizes for participants, [find more information here!](#)



### SCIENCE RENDEZVOUS WESTERN 2023

Save the date for Western University's sixth Science Rendezvous event on Saturday, May 13th, 2023 from 2-9 p.m. at Alumni Stadium, and look for the ACB Booth run by departmental volunteers!

Science Rendezvous is an all-ages, fun-filled, and free-of-cost event where you and your family can engage in S.T.E.A.M. activities led by Western University's budding scientists.

## CAMPUS SERVICES



### FOOD TRUCK ALLEY RETURNS TO CAMPUS

A yummy assortment of eats are returning to campus every Wednesday and Thursday from 11 a.m. to 3 p.m. at Food Truck Alley on Oxford Drive!

### POSTER PRINTING SERVICES

The Department of Pathology and Laboratory Medicine offers photo-quality, large-format poster printing services. This service is available primarily to students, faculty and staff of the Schulich School of Medicine & Dentistry.

[Check out their website for more details!](#)



### THE WELDON FAMILY ROOM

Western has opened The Weldon Family Room, a private and accessible space for parents to work alongside their young children. This room is equipped with adult and child-sized furniture, tv and much more. Students, faculty, and researchers can book this room for themselves and their children through [Western Libraries](https://calendar.lib.uwo.ca/reserve/weldonfamilyroom). <https://calendar.lib.uwo.ca/reserve/weldonfamilyroom>

## ACB GIVES BACK



WE RUN FOR CAMPFIRE CIRCLE

Help Us Reach Our Fundraising Goal



**ACB CRUSH CANCER**

### SL10 FOR CAMPFIRE CIRCLE

Please help us in supporting our ACB graduate students: [Kasha Mansour](#), [Tiffany Johnston](#), and [Stephanie Leighton](#) (Team Crush Cancer) as they participate in this year's sporting life 10K in support of Campfire Circle. Campfire Circle is a not-for-profit organization that provides one-on-one hospital bedside programs, community and virtual programs, and summer overnight camp for kids and families affected by childhood cancer. For more information about this cause please visit <https://campfirecircle.org/>.

With just under a month away from race day, our graduate students are halfway to their fundraising goal! [Donate here to help them reach it!](#)



### ST. JOHN'S HOSPITALITY DINNER

Join fellow students, staff and faculty in preparing and serving dinner to those in need at the St. John's community dinner. [To register, please add your name to the volunteer sign up sheet.](#)



The ACB

# Snack Shack

**LOCATED IN THE MSB 447 KITCHENETTE  
OPEN TO ALL!**

**This Initiative is Run  
on a Donation Basis**



**You can contribute by adding items to the shelf & fridge or  
by leaving cash in the ACB Snack Fund in MSB 443**