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# **Upcoming:**

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Journal Club: Mar 14<sup>th</sup>

LAEF Grant application

deadline: Mar 18th

Frontiers in Pain: Mar 20<sup>th</sup>

AEPMU: Interventional

Rounds: Mar 25th

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## (\*) Special Seminar - To attend this lecture via zoom, register <u>HERE</u>

For more information, contact: Ana Maria Alvarez – <u>ana.avarez@mcgill.ca</u> (514-398-8975)

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Sandip Bhangoo, MD

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presents:

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The theme for this year's Art Awards is "Shared Horizons: Beyond Awareness to Action". You can submit your art to one of four categories; *Scientific Visualizations* (e.g., MRI, Microscopy), *Classical Art Forms* (e.g., Illustrations, Paintings), *Photographic and Video Captures*, and *Al-Driven Innovations*.

The top 5 entries from each category, as determined by members' votes, will be showcased in printed format by the Awards Committee and prominently displayed during our Annual Scientific Meeting in Ottawa. For more information and to register, visit their website.

Deadline to apply is March 10<sup>th</sup>, 2024.

### **McGill Clinical Innovations Platform Competition**

This competition provides monetary awards to help develop medically related innovations and to help with business development/startups. Success rates are ~20% overall and 40% among the shortlisted innovation teams.

More information about this program is available <a href="here">here</a>. They will require a business plan to be submitted by April 2<sup>nd</sup>, with preliminary judging between Apr 2<sup>nd</sup> and 19<sup>th</sup>, and with a live "pitch" event on May 16<sup>th</sup>. Training sessions to teach you how to write a business plan will be offered every Friday from Feb 02 to March 1 starting at noon. Details are <a href="here">here</a>. You can register for these workshops <a href="here">here</a>. And for an event time, check out this <a href="hire">link</a>.

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Exploring the Impact of TLR-2 Signaling on miRNA Dysregulation in Intervertebral Disc Degeneration.

Cazzanelli P, Lamoca M, Hausmann ON, Mesfin A, Puvanesarajah V, Hitzl W, **Haglund L**, Wuertz-Kozak K.Adv Biol (Weinh). 2024 Feb 28:e2300581.

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at sec.paincentre@mcgill.ca from the subscribed email account with the subject line "remove".

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#### **AEPMU Melzack Lecture Series**

"De Novo Implementation of Psychedelic-Assisted Therapy in Clinical Practice: A Montreal Story"

By Houman Farzin MD



Dr. Houman Farzin is a physician focusing on the applied sciences of psychedelic-assisted therapies, nutrition, and lifestyle modification for trauma, existential distress, and overall well-being. His practice deals with combining emerging treatments and digital health technologies with mindfulness, music, and psychedelic medicine to improve quality of life, promote healing, and alleviate human suffering at all stages of life. He is an attending physician in the Division of Palliative Care of the Jewish General Hospital in Montreal. He is a lecturer at McGill University Medical School, where he earned his medical degree and completed his residency training in Family Medicine. His involvement with McGill Programs in Whole Person Care includes teaching resilience and Mindful Medical Practice to medical students.

When: **March 13<sup>th</sup>, 2024** 

Attend In person: Montreal General Hospital A5.131

Attend Online: Register HERE

You will receive a confirmation email containing information about joining the meeting.

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### Ribeiro-da-Silva Lab - PDF opportunity

The lab of Dr. Alfredo Ribeiro-da-Silva is looking for a postdoctoral fellow to work on a project regarding the role of microglia and complement factors in chronic pain models, recently funded for 5 years by CIHR. The interested candidates should send a comprehensive CV and the name of two referees to <a href="mailto:alfredo.ribeirodasilva@McGill.Ca">alfredo.ribeirodasilva@McGill.Ca</a>

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If you have any job vacancies, please send it in! <a href="mailto:sec.paincentre@mcgill.ca">sec.paincentre@mcgill.ca</a>

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## 9) Recent Publications

Advances in pediatric perioperative care using artificial intelligence. Dundaru-Bandi D, Antel R, **Ingelmo P.** Curr Opin Anaesthesiol. 2024 Feb 27.

Our understanding of microglia involvement in neuropathic pain has expanded. Sanz-Gonzalez M, **Zhang J.**Brain Behav Immun. 2024 Mar 3;118:190-191.

<u>Doctor</u>, can napping help relieve my pain? Research path to assess the potential benefits/harms of napping for individuals with chronic pain.

**Lavigne GJ**, Pires GN, Dal Fabbro C, Herrero Babiloni A, **Martel MO**, Morin CM, Andersen ML, Tufik S, Palombini L. Sleep. 2024 Mar 8:zsae043.

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- 1. Special Updates
- 2. Journal Club
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# **Upcoming:**

LAEF Grant application

deadline: Mar 18th

Frontiers in Pain: Mar 20<sup>th</sup>

AEPMU: Interventional

Rounds: Mar 25<sup>th</sup>

Journal Club: Mar 28<sup>th</sup>

PI Think Tank: Apr 11<sup>th</sup>

# 1) Special Update

## LAEF 2024 Grant program launched.

The Louise & Alan Edwards Foundation has launched its 2024 application program. **Deadlines to apply to all three programs is March 18**<sup>th</sup>, **2024.** More information about the following programs may be found on our website:

- PhD studentships start <u>here</u>
- Postdoctoral fellowships start here
- PI-led research grants start here

Applications must be submitted online via the <u>Fourwaves platform</u>. This is the first year we are trying this system, so apologies in advance for any glitches that you may encounter.

#### Volunteers need for Education studies.

Tim Wideman is seeking volunteers to assist in conducting two new educational activities for physiotherapy students, aiming to improve their understanding of the lived experience of pain.

### **Activity #1: Critical Reasoning Workshop**

- Seeking graduate students who would be willing to help operate different stations of a workshop for physiotherapy students about the experience of pain. The in-person workshop will be held on McGill Campus on March 14th from 11:00 – 15:00.
- Volunteers will also be asked to attend a training session on either March 12<sup>th</sup> from 15:30 16:30 OR March 13<sup>th</sup> from 11:00 12:00.

## Activity #2: Educational activity in collaboration with people living with pain.

- Seeking people living with pain who are interested in participating in a discussion with a physiotherapy student about how pain impacts their life. This online educational activity will be conducted on Zoom on March 21st from 11:00 15:00.
- People living with pain will also be asked to attend an orientation session on either
   March 13<sup>th</sup> from 13:00 16:00 OR March 15<sup>th</sup> from 12:00 14:00.

Please contact Fatima Amari (fatima.amari@mcgill.ca) for further information.

### YouTube Video program

We are constantly striving to raise our public profile, and one spoke of this effort is our YouTube channel. This is an open call to all trainees in the Centre. Science communication is an important skill, one that will only become increasingly important in the years to come. We would like to "host" short (5-6 minute) videos describing your research findings. Not only does this add to your "CV-able" skills, but also, we will pay you \$100 for the video.

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Occasional Labs: Labs who do not wish to or cannot participate on a regular basis are still welcome to attend a particular session. As the papers are only announced the Monday before a Journal Club event, and only on the Journal Club listserv, it is advisable for those who might be so interested to subscribe to that channel to keep themselves informed. If you want to participate in this event, send a request to <a href="mailto:sec.paincenter@mcgill.ca">sec.paincenter@mcgill.ca</a>. indicating the level of participation, you are interested in.

## 3) Frontiers in Pain Research

	2024				
DATE	SPEAKER	TITLE	HOST	LOCATION	
Mar 20	Marco Loggia Associate Professor Harvard Medical School Co-Director, Center for Integrative Pain Neuroimaging (CIPNI)	"Neuroinflammatory signatures of human chronic pain"	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm	
Apr 24	Thiago Mattar Cunha Medical School University of Sao Paulo	"Decoding Meningeal Immune Cells' Role in Neuropathic Pain"	Arkady Khoutorsky	Duff Building Rm 208 4:00 – 5:15 pm	

For more information, contact: Ana Maria Alvarez – ana.avarez @mcgill.ca (514-398-8975)

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Sandip Bhangoo, MD

Pain Medicine Fellow

presents:

"Radiofrequency"

When: March 25<sup>th</sup>, 2024

Attend In person: Montreal General Hospital A5.131

Attend Online: Register HERE

You will receive a confirmation email containing information about joining the meeting.

Contact: Rebecca Binik

Organization: The Alan Edwards Pain Management Unit

Email: rebecca.binik@mcgill.ca

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1. <u>Student/Trainee "Work in Progress" Seminar Presentations</u>: Details in the Google Form, this would be one Friday during lunch once per month, and food would be provided by the pain center! Sign up to present <u>here</u>

2. A trainee <u>Peer Mentorship/Support Initiative</u>: Sign up (for both mentor and mentee) here

Don't forget to join the <u>pain center slack workspace</u> and/or the <u>WhatsApp group</u> to facilitate the communication of announcements relevant to all trainees in the AECRP.

Please invite the other students in your lab to join if they have not done so already!

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This five-day programme will allow students to explore the physiological and pathological aspects of pain, employing cutting-edge technologies. Renowned scientists will train participants for advancements in pain treatment. Course content includes advanced courses, workshops on techniques as well as hands-on training.

A joint initiative of the University of Bordeaux, the CERVO research centre at Université Laval (Québec City, Canada), and the Institute of Cellular and Integrative Neuroscience in Strasbourg (France), the first edition will take place in Bordeaux (France).

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The McGill Imitative in Computational Medicine (MiCM) holds regular workshops on a variety of topics including coding in various languages and on using high-end systems for data analysis in research. They have a list of such offerings on this <u>website</u>, which includes registration dates. Or check out their <u>website</u>!

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- Projects related to disease or dysfunction of the nervous system leading to new insights into fundamental biological mechanisms.
- Projects that experimentally test novel hypotheses addressing therapeutic or interventional approaches for brain disorders.
- Projects aimed at developing novel methods, if these methods allow new neuroscience questions to be answered.
- Projects, such as those using epidemiological, "-omics", or other approaches, that will generate large datasets, if hypotheses are clearly stated

They expect to award 3 grants of up to \$500,00CAD each over two years. For more information or to apply, consult this <u>weblink</u>. Registration (required) has a deadline of Feb 8<sup>th</sup>, with a full application (by invitation only) due on April 11<sup>th</sup>.

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### Ribeiro-da-Silva Lab - PDF opportunity

The lab of Dr. Alfredo Ribeiro-da-Silva is looking for a postdoctoral fellow to work on a project regarding the role of microglia and complement factors in chronic pain models, recently funded for 5 years by CIHR. The interested candidates should send a comprehensive CV and the name of two referees to <a href="mailto:alfredo.ribeirodasilva@McGill.Ca">alfredo.ribeirodasilva@McGill.Ca</a>

## **Velly Lab Openings**

Dr Ana Velly (Jewish General) is looking for a research coordinator for human clinical research. Duties will include coordinating with site Pls, managing documentary needs

(ethics, Health Canada, etc.) and assisting with manuscripts and presentations. If this sounds like you, email <a href="mailto:ana.velly@mcgill.ca">ana.velly@mcgill.ca</a>. For more information, see the full notice on our <a href="mailto:website">website</a>.

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## 8) AECRP in the News

Two years later, the paper by Parisien et al in <u>Science Translational Medicine</u> is still making the news.

<u>Epoch Times</u>, Cara Michelle Miller, 07 Mar 2024, "Medicamento antiinflamatorio podría provocar dolor crónico, mientras que la inflamación podría sanar"

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Prehabilitation in patients awaiting liver transplantation.

Benmassaoud A, Martel M, **Carli F**, Geraci O, Daskalopoulou SS, Sebastiani G, Bessissow A.

Transplant Rev (Orlando). 2024 Feb 15;38(2):100835.

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Bottom Line Inc. Derek Burnett, 20 March 2024, "Is There a Low-Inflammation Diet?"

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## 9) Recent Publications

Effect of video-based self-reflection on intraoperative skills: A pilot randomized controlled trial.

Balvardi S, Kaneva P, Semsar-Kazerooni K, Vassiliou M, Al Mahroos M, Mueller C, **Fiore JF Jr**, Schwartzman K, Feldman LS.

Surgery. 2024 Apr;175(4):1021-1028.

<u>International consensus is needed on a core outcome set to advance the evidence of best practice in cancer prehabilitation services and research.</u>

Myers AM, Barlow RC, Baldini G, Campbell AM, **Carli F**, Carr EJ, Collyer T, Danjoux G, Davis JF, Denehy L, Durrand J, Gillis C, Greenfield DM, Griffiths SP, Grocott M, Humphreys L, Jack S, Keen C, Levett DZH, Merchant Z, Moore J, Moug S, Ricketts W, Santa Mina D, Saxton JM, Shaw CE, Tew GA, Thelwell M, West MA, Copeland RJ. Br J Anaesth. 2024 Mar 23:S0007-0912(24)00100-4.

<u>Multimodal prehabilitation in elective oncological colorectal surgery enhances postoperative</u> functional recovery: A secondary analysis of the PREHAB randomized clinical trial.

Ten Cate DWG, Molenaar CJL, Garcia RS, Bojesen RD, Tahasildar BLR, Jansen L, López-Baamonde M, Feo CV, Martínez-Palli G, Gögenur I, **Carli F**, Slooter GD; PREHAB study group.

Eur J Surg Oncol. 2024 Mar 20;50(6):108270.

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