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SOCIAL MEDIA:



ISMPB NEWSLETTER

Official Newsletter of the International Society for the Measurement of Physical Behavior

WEBSITE:
[HTTP://WWW.ISMPB.ORG/](http://www.ismpb.org/)

Message from the president

BY ALAN DONNELLY



Dear ISMPB Members and Colleagues,

Last year marked the successful conclusion of the 9th ICAMPAM meeting in Rennes, France. The three-day event was filled with keynotes, symposia, oral presentations, workshops, poster sessions, and ample networking opportunities. It was wonderful to reconnect with our members in person and witness the exceptional science, discussions, debates, and networking that ICAMPAM consistently fosters.

Choosing highlights is difficult, but the keynote presentations stood out. Fiona Bull, Guillaume Chevance, Kerstin Bach, Jasper Schipperijn, and Kim Meredith-Jones all delivered excellent talks. In her opening address, Fiona Bull from the World Health Organization challenged us to become a central hub of expertise and knowledge to support the WHO's upcoming launch of accelerometer-based physical activity guidelines.

Organizing an event of this scale is no small feat, and we extend our heartfelt thanks to the local host committee, led by Alexis le Faucheur from ENS Rennes, as well as the joint chairs of the Scientific Committee, Asa Tornberg and Tom Stewart.

At the Rennes conference, we also announced the venue for the 10th ICAMPAM conference. Continuing our tradition of alternating between Europe and North America, the next ICAMPAM will be held in Knoxville, Tennessee, from June 23-26, 2026. The conference will take place at the Hilton Hotel, with accommodations available at the hotel or in the downtown area of Knoxville. Knoxville is conveniently served by McGhee Tyson Airport, with connections through major hubs such as Atlanta.

We will keep you updated on abstract submission and registration details, as well as the exciting content planned for the event. We hope to see you in Knoxville in 2026!



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Contributors:

Valerio Antonio Arcobelli,
Martina Mancini, Bronwyn Clark,
Alexandra Clarke-Cornwell



In November 2024, we hosted a successful ISMPB Virtual Fall Symposium, which focused on the relationship between academia and industry. The symposium featured academic-industry collaborations and insights from ISMPB members who have transitioned from academic to industry-based careers. It proved to be an insightful and interesting symposium, with some great questions and discussion. For the first time, we offered the symposium free of charge to all members, thanks to generous sponsorship from ActiGraph and ActivPAL.

Looking ahead to 2025, we are excited for another active year, with planned events including a special symposium related to the WHO's accelerometer-based guidelines, as well as our annual Fall Symposium in preparation for the 2026 ICAMPAM conference.

We look forward to another year of collaboration and innovation!

Member profile

BY DR. JULIA KATHRIN BAUMGART

Everybody has a unique career path to their current destination. Can you share some of your stops along the way?

I studied physical therapy in the Netherlands and had a climbing accident at the beginning of my study during which I severely injured my knees. So, I knew that working as a physical therapist would likely be too physically demanding. I then continued with a master's degree in movement sciences, and moved to Norway for completing my master thesis working with Paralympic athletes. I got offered a PhD position and thereafter a researcher position to continue working with Paralympic athletes at the Centre for Elite Sports Research at the Norwegian University of Science and Technology (NTNU). The last two years and until recently, I combined working as a researcher with working as a sustainability coordinator at the Department of Neuromedicine and Movement Science, NTNU. I am now a Marie Curie Global Research Fellow at the Norwegian University of Science and Technology in Trondheim, Norway and the University of British Columbia - Okanagan in Kelowna, Canada.

Tell us about a current project you are working on.

I am currently working on the "Wheelchair Activity Monitoring project (WHAM)" and my research ambition is to improve accessibility and participation in people with mobility limitations by using wearable technology. This Marie Curie Global Postdoctoral fellowship aims to increase physical activity among wheelchair users. It also aims to contribute to the broader goals of diversity and inclusion for people with mobility limitations, by fostering greater accessibility and participation through innovative technology and research.

Our aim is to better understand how we can support individuals with mobility impairments, particularly wheelchair users, through innovative solutions for measuring physical activity



NTNU

Norwegian University of Science and Technology



What do you think are the most important research advancements in this area?

I think, a very good first step was that there now is increased focus on doing research on human physical behavior in underrepresented groups including people with a disability. However, there is a lot of work that needs to be done with collecting bigger datasets that includes data from a more heterogeneous group of people with a disability. I would also love to see that participants with a disability are increasingly part of the larger population studies that measure human physical behaviour.

Have you participated in any ISMPB events? If so, can you please describe your experiences?

I have been to ICAMPAM in Keystone in 2022 and in Rennes in 2024, and am part of the organizing committee of ISMPB's virtual symposia. I really like the size of the ICAMPAM conference and the informal atmosphere that makes it easy to get to know fellow researchers from across the world. I also think that ISMPB's effort in giving part of the stage to early career researchers is absolutely fantastic!

In the future, what would you like to see from the ISMPB?

Support towards research in areas of the world that are currently underrepresented in the research field of the measurement of human physical behavior such as Africa and South-America. And of course, increased research focus on people with a disability preferably from those areas of the world.

Contact Information:

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LinkedIn: [Julia Baumgart](#)

Researchgate: [Julia Kathrin Baumgart](#)





THE ISMPB ICAMPAM WAS HELD LAST JUNE 18TH TO 21TH, 2024 IN RENNES, BRITTANY, FRANCE AT THE RENNES UNIVERSITY CAMPUS!

Some numbers for the last ICAMPAM 2024



of Attendees: 266



of Poster Presentations: 58



of Oral Presenters: 80



of Symposia: 16



Save the Date!
June 18 – 21, 2024
Rennes, Brittany, France
Rennes University Campus

JOIN NEWSLETTER FOR CONFERENCE UPDATES!



The ICAMPAM 2024 AWARD



Best Oral Talk

Chloe Hinchliffe - Newcastle University

Can measures of habitual activity intensity stratify primary sjogren's syndrome participants with persistent fatigue? Insights from the brc tools study



Best Oral Talk Runner Up

Elyse Letts - McMaster University

Machine learning models to detect physical activity and sedentary time from a hip-worn accelerometer in toddlers



Best Poster

Hannah Coyle-Asbil - University of Guelph

Unraveling the link between young children's and parent sleep using objective quantification

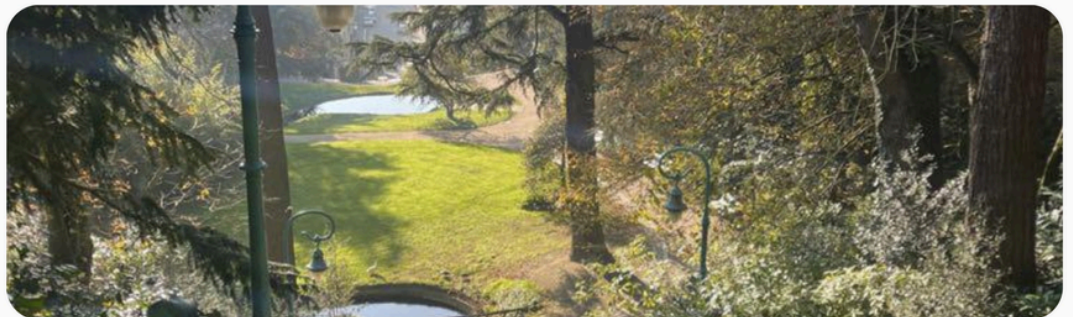
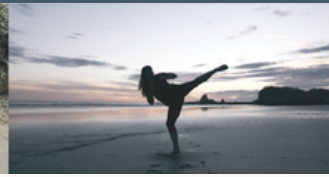


Best Poster Runner Up

Benjamin Maylor - University of Oxford

Improving wearable-based detection and classification of 24h physical behaviour

ICAMPAM 2024 HIGHLIGHTS AND PHOTOS



SAVE THE DATE FOR ICAMPAM 2026 IN KNOXVILLE, TENNESSEE, USA



**AT ICAMPAM 2024, WE WERE PROUD TO
ANNOUNCE THAT ICAMPAM WILL BE HOSTED
BY PROF. SCOTT E. CROUTER IN KNOXVILLE,
TENNESSEE, USA IN 2026.**



KEY DATES ABSTRACTS

Submissions Open For All
Submission Types: October
2025

Submissions Close for
Symposia & Workshops:
December 2025

Submission Close for
Orals/Posters: January 2026

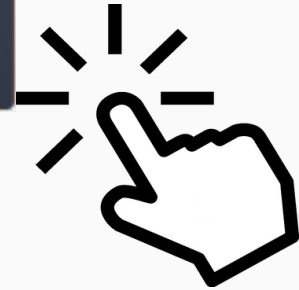
Notice of Acceptance: January
and February 2026



VIRTUAL FALL SYMPOSIUM



WATCH THE RECORDING >



VIRTUAL FALL SYMPOSIUM
SESSION 1

**PROF. BEATRIX VEREIJKEN,**
NORWEGIAN UNIVERSITY OF
SCIENCE AND TECHNOLOGY

**"ACADEMIC AND
MULTI-INDUSTRY
COLLABORATION:
LEARNINGS FROM THE
IMI MOBILISE-D
PROJECT"**

**DR. DAN ROOKS,**
EXECUTIVE DIRECTOR,
TRANSLATIONAL MEDICINE,
NOVARTIS BIOMEDICAL RESEARCH

MORE INFO:
WWW.ISMPB.ORG/WEBINARS

 **DATE**
NOV 12TH
EASTERN
15:00 - 17:30

 **ISMPB**
International Society for the
Measurement of Physical Behavior

We would first like to thank all our wonderful speakers and society sponsors who helped put on an informative Virtual Fall Symposium in November.

VIRTUAL FALL SYMPOSIUM
SESSION 2

**DR. MIRIAM CABRITA, CHIEF
CUSTOMER OFFICER**
@FIBION INC.

**"BRIDGING ACADEMIA AND
INDUSTRY: EXPERIENCES FROM A
HYBRID RESEARCH JOURNEY"**

**DR. KATE LYDEN,**
CHIEF SCIENCE OFFICER
@VIVOSENSE

**"DIGITAL MEASURES IN DRUG
DEVELOPMENT: A JOURNEY TOWARDS
FIT-FOR-PURPOSE, INCLUSIVE, AND
PATIENT-CENTERED SOLUTIONS"**

MORE INFO:
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 **ISMPB**
International Society for the
Measurement of Physical Behavior

You can catch up on the talks from this at <https://ismpb.org/webinars/>

Keep following for more information from each of these talks...

Social Media

You can find us on X (formerly Twitter) and we have a new page on LinkedIn



and Facebook,



We post information about research on the measurement of physical behaviour and information about upcoming events such as the ICAMPAM2026 and our Symposium!



Stay tuned for a Spring Symposium with the participation of Fiona Bull from World Health Organization WHO.



We are looking for new members who could help us post items, including looking at how we can disseminate scientific research via TikTok!

If you are interested, please contact: a.m.clarke-cornwell@salford.ac.uk

News from JMPB



2024 was a busy year for JMPB. We reviewed and updated the journal scope and author guidelines, we revised timelines for peer review to speed up the time from submission to publication, we joined LinkedIn to update everyone on the latest publications from JMPB, and we opened the journal's second special issue. The special issue on 'Movement-related digital biomarkers, endpoints and clinical outcome assessment' is being guest edited by Dr Pedro Saint-Maurice, Dr Kate Lyden and Dr Dana Wolff-Hughes and closes on August 31 2025.

Authors considering topics for this special issue or seeking feedback are highly encouraged to contact one of the guest editors.

In the coming months we will be looking to expand the Editorial Board again so if you are interested in joining the board please keep a look out for the open call or feel free to drop me an email at any time to express your interest.

We are busy preparing another special issue titled 'From heterogeneity to harmonisation and/or standardisation: Addressing inconsistency in accelerometer-assessed physical activity methods and outcomes' which will be opened in the next few months.

Also, keep your eye out for the announcement of our first impact factor, which we expect to receive in early summer.

And remember - as ISMPB members you get a 50% discount if you opt to publish free access in JMPB.

DON'T FORGET

Editor in Chief, Professor Charlotte Edwardson: ce95@le.ac.uk

Journal for the Measurement of Physical Behaviour

Volume 8, Issue 1 (January 2025)

Original Research

John R. Sirard, Tanusree Kumar, Robert T. Marcotte, John Chase, Melanna F. Cox, Marcos Amalbert-Birriel, and John W. Staudenmayer. Independent Validation of Sedentary Time and Physical Activity Intensity Accelerometer Algorithms in Adolescents.
<https://doi.org/10.1123/jmpb.2024-0031>

Jimmy Duhamahoro, Nicholas R. Lamoureux, Paul R. Hibbing, Matthew A. Taylor, and Gregory J. Welk. Comparative Validity of Two Thigh-Worn Activity Monitors in Free-Living Conditions.
<https://doi.org/10.1123/jmpb.2024-0034>

See more articles on our journal page!!




MEMBERSHIP

Membership renewals are now open. The current ISMPB membership term expires April 30, 2025.

Membership fees support the mission of ISMPB in creating a vibrant community bringing together people from a wide variety of backgrounds and expertise, including researchers, clinicians, therapists, signal analysts, computational scientists and commercial companies.

Member benefits:

- Reduced registration rates at official meetings organized by ISMPB, including the biannual ICAMPAM
- Access to online subscription to the Journal for the Measurement of Physical Behaviour, the official journal of ISMPB, published quarterly by Human Kinetics
- Receive 50% discount in publishing Open Access at the Society's official journal – JMPB
- Join one of the ISMPB Committees and get directly involved in the activities of the society
- Vote on Society matters and elections
- Join colleagues from all over the world at the ISMPB meetings and create a global network
- Receive a quarterly e-newsletter with most important information from the Society



ISMPB MEMBERSHIP

open to everyone from around the world involved in the measurement of free-living physical behaviour.

[JOIN TODAY](#)

FEES:

Regular-Academic members: \$175

Post-doc members: \$175

Student members: \$95



PREMIUM SPONSOR

ActiGraph™

ACTIGRAPH'S EXPANDED WEARABLE SOLUTION FOR POPULATION HEALTH STUDIES

At [ActiGraph](#), the leading provider of wearable digital health solutions, we're proud to have supported academic and population health research for over 20 years. Large-scale population studies, such as National Health and Nutrition Examination Survey (NHANES), National Health and Aging Trends Study (NHATS), and Canadian Longitudinal Study on Aging (CLSA) to name a few, provide valuable insights to inform public health policy, clinical care, and important guidelines to enhance health and well-being. These population studies also provide researchers with a rich and diverse data set that otherwise they would not have the means to collect, expanding the analyses researchers can perform to address key health-related questions.

Population and epidemiological studies often include wearable digital data collection for ecologically valid and real-world measures of physical activity and sleep, which complement data from additional methods such as questionnaires, surveys, health data, and examinations. With the advancement of wearable technology, it's now also possible to collect vital sign data with a single multisensor wearable device, such as the ActiGraph LEAP, in addition to digital measures based on accelerometry alone. This expanded set of data can provide unique insights into human behavior and wellbeing.

There are several, fit-for-purpose features of the multisensor ActiGraph LEAP that support participant adherence, high-quality data capture, and ease of use. The ActiGraph LEAP device has a modern, comfortable, and stylish design to support long-term wear. In terms of firmware, we've introduced duty cycles on the ActiGraph LEAP, which allow researchers to program specific sensors to activate data collection for a designated period each day. This allows for multisensor data collection across multiple days (~3-7 days depending on the configuration) while also preserving battery life, reducing the burden on the participant to frequently charge the device.



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ActiGraph™

***ACTIGRAPH'S EXPANDED WEARABLE SOLUTION
FOR POPULATION HEALTH STUDIES***

Providing researchers with access to raw data and transparent algorithms is a priority for ActiGraph, as it gives researchers the flexibility to effectively process and analyze their data and identify unique, meaningful insights. Our cloud-based CentrePoint platform supports multi-site deployments for large scale studies, and researchers can access near real-time information about wear adherence. Our dedicated team for operational and logistical support helps researchers make the most of their wearable digital health investment.

We're excited to continue to support population studies with a wearable digital health solution that helps to generate important health-related insights. For example, wearable data collected during the National Health and Nutrition Examination Survey (NHANES) has included physical activity and sleep behavior data captured by wearable DHTs since the early 2000s, which has been used in thousands of epidemiological and health sciences research studies. ActiGraph has been selected by NHANES to support wearable data collection for the upcoming 2027-2030 cohort. Real-world physical activity, sleep, and vital sign measures will be captured using the accelerometer, gyroscope, PPG Green (25hz) and temperature sensors in the medical-grade wearable ActiGraph LEAP®.

To learn more, visit our website: <https://theactigraph.com/academic-research>



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