

The Future of Musculoskeletal Biology at the MSK Workshop



The 50th Annual International Musculoskeletal Biology Workshop took place last week in Midway, UT. For half a century, the MSK Biology Workshop has influenced scientific thinking in the field of musculoskeletal biology research, and it is widely recognized for its emphasis on training early career investigators. This year, the workshop drew more than 100 attendees from around the world and surpassed attendance of 85 in 2022.

The workshop produced stimulating and spirited conversations over research findings and new discoveries. Seasoned and newer researchers had the opportunity to engage in presentations and informal discussions. Thank you to all attendees, presenters, award winners, event supporters, and sponsors.

We look forward to seeing you in 2025 as the workshop reverts to the pre-pandemic schedule of every two years. More information will be coming soon.

The workshop was brought to you with the support of the National Institutes of Health, the National Science Foundation, and the American Society of Bone and Mineral Research.

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Join Us in Celebrating 70 Years of Advancing Research to Keep the World Moving



Be a part of history when ORS celebrates **70 Years of Advancing Research to Keep the World Moving**, February 2-6 in Long Beach, CA. Mark your calendars and start preparing your abstract submissions, RIG proposals, and award applications. Some of these will be due in the next month. You can find more information in the following links.

Abstract submissions are open for the 2024 ORS Annual Meeting. For more information, guidelines on submission, and a list of topics, click the link below. Abstract submissions will be open until Monday, August 28.

[Submit Your Abstracts](#)

Applications are open for Research Interest Groups (RIGs) to take place at the Annual Meeting. RIGs foster the thoughtful exchange of ideas within the global multi-disciplinary community of the ORS by providing the opportunity to engage in informative, transformative, and live discussion with

colleagues in a specific area of musculoskeletal research, whether basic, applied, or clinical. To Open Door 2024 will take place February 2, 2024 as part of the Annual Meeting. The goal of Open Door is to get students excited about the possibility of future careers in the musculoskeletal sciences, to focus on unique approaches, methodologies, diseases, or connections that inspire brainstorming, introducing them to a wide variety of professional pathways and work performed by ORS members. If you are interested in supporting or assisting with ORS Open Door 2024, please contact Meghan McGee-Lawrence at mmcgee@augusta.edu by August 31.

[Apply to Have a RiG at the Annual Meeting](#)

[Get Involved with Open Door](#)

Awards and grant submissions are now being accepted for the 2024 Annual Meeting. [CLICK HERE](#) for a full list of awards, with descriptions and application submission information.

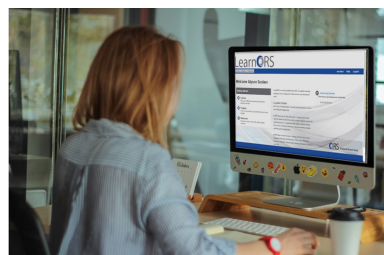
Featured Award: The Women's Leadership Forum Award

The Women's Leadership Forum Award is given every year to recognize a woman biologist, clinician, or engineer who, throughout her professional lifetime, has made significant contributions to the understanding of the musculoskeletal system and musculoskeletal diseases and injuries. She will have also demonstrated outstanding leadership through service to the professional community and mentorship of colleagues and trainees. Applications for this award must be received by August 14.

[Apply for the Women's Leadership Forum Award](#)

Online Education from LearnORS

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[LearnORS](#), the online education platform from the ORS, offers a complete learning experience in a format designed to meet learners' educational needs. Each LearnORS course delivers eLearning training materials from one online location. ORS Members receive a discounted rate for all courses.

Users can now purchase multiple licenses without immediately identifying courses. This is a great new option for lab purchases.

Residency programs and newly matched medical students are encouraged to take advantage of our special **LearnORS Residency Bundle**. This is a bulk option for a residency program to purchase discount access to all LearnORS courses for as many residents as they have in their program. Individuals can also purchase the courses offered in the Residency Bundle, or create a custom bundle to fit their specific educational needs at a discounted price.

[Learn More](#)

This Wednesday:

Join Us for the Next LearnORS Career Development Virtual Scientific Session:

International Experience and Collaboration – How Transnational Mobility Impacts Your Career; Challenges and Opportunities Faced by International Scholars

August 2, 2023

Time: 3:00 - 4:30 pm Hong Kong Time, 9:00 - 10:30 am Berlin Time, 5:00 - 6:30 pm Australia Time,
3:00 - 4:30 am US Eastern Time

International mobility and transnational collaborations are key elements of a successful research career in a globalized world. This workshop will provide insights, information, and ideas on how to succeed as an international scholar. Firsthand experiences and opinions will be provided by mid-career experts in the field.

Speakers:

- **Elizabeth R. Balmayor, PhD**, Professor for Experimental Trauma Surgery and Mechanobiology, University Hospital RWTH Aachen, Germany
- **Kelvin Yeung, PhD**, Professor for Orthopaedic, Director of Research Laboratory of Orthopaedic Centre, Chief of Research Division, and Departmental Research and Postgraduate Advisor, University of Hong Kong
- **Christopher Little, DVM, PhD**, Director of the Raymond Purves Bone and Joint Research Lab Surgery, Faculty of Medicine and Health, Northern Clinical School, Kolling Institute, Institute of Bone and Joint Research

Organized by:

ORS Career Development Committee

[Register Now](#)

ORS Member Spotlight



Christopher H. Contag, PhD is founding Director of the Institute for Quantitative Health Science and Engineering, and inaugural Chair of Biomedical Engineering at Michigan State University. He originally got involved in orthopaedic research years ago as a professor at Stanford University where he developed new imaging technologies. He applied his imaging tools to the study of bone regeneration and advanced materials that could interact with the immune system to enhance regenerative processes. A memorable moment in his research career was when he and his team were the first to image biological sources of light through mammalian tissue to reveal the location and action of cells in living animals. They extended this approach to stem cell and tissue engineering, and are now working to create synthetic organelles to put inside cells to control cellular fates and function. Beyond just watching biology in living animals and humans, they have begun to control cells and tissues in vivo. Learn more about Chris and his research at the link below.

[Meet Chris](#)

Find or Post Events on the Orthopaedic Events Calendar



An orthopaedic events calendar has been added to the ORS website. The events listed are of potential interest to those in the orthopaedic community. ORS Members are welcome to submit applicable events at no charge through the Submit Event button at the top of the calendar on the site. Institutions or sponsors interested in posting an event are welcome to do so in exchange for a donation to ORS. For information, please email ors@ors.org.

[Find or Post Events](#)

Mark Your Calendar!

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[Last Day to Submit Ideas to the NIH Request for Information](#)

August 11, 2023

ORS 2024 Annual Meeting

[Hotel Information and Booking Opens](#)

August 14, 2023

ORS 2024 Annual Meeting

[Abstract Submissions, Awards, and Grants Close](#)

August 28, 2023

[Submissions for the William H. Harris, MD Award are Due](#)

August 31, 2023

[2023 Clinician Scholar Career Development Program \(CSCDP\)](#)

September 21 - 23, 2023

Rosemont, Illinois

The Association of Bone and Joint Surgeons

[Nominations Due for the Nicolas Andry Lifetime Achievement Award](#)

September 30, 2023

ORS 2024 Annual Meeting

[Registration Opens](#)

October 2, 2023

[NASS 2023 Annual Spine Meeting](#)

October 18-21, 2023

Los Angeles, CA

[ORS 2024 Annual Meeting](#)

February 2 - 6, 2024

Long Beach, California

Information and Registration Coming Soon

ORS Tendon Conference 2024:

Mechanism to Therapy – Emerging Technologies and Therapeutic Outcomes

May 30 - June 1, 2024

Mayo Clinic, Rochester, MN

More Information Coming Soon

[Dates, Events, and People in Orthopaedic History](#)

We would like to continue to note important people, dates, and accomplishments in the history of orthopaedics in *ORS Connect*. If you have something or someone that should be recognized, particularly around days, weeks, or months of a specific dedication, **please [click here](#) to submit your information.**



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