Preparing for the 2024 Annual Meeting

Be a part of history when ORS celebrates 70 Years of Advancing Research to Keep the World Moving at the 2024 ORS Annual Meeting, February 2-6 in Long Beach, CA. The meeting brings the orthopaedic community together for five days of workshops, learning sessions, networking, and advocacy. Attendees from many disciplines and career levels will network and learn about the latest innovations in orthopaedics. Registration for the 2024 Annual Meeting is open.

Attention post-graduate trainees and early career members: the deadline to submit specific aims pages or full grant proposals for the in-person portion of the LearnORS Art of Grant Writing II workshop has been extended until December 17. The workshop will take place on Friday February 2 at the Annual Meeting. Act now to secure your spot.

Hotel reservations are now being accepted. Reserve your room today to make sure you secure the right room for you. Each option is located near the event site. Be sure to book your room soon to take advantage of the discounted ORS room block rate. The deadline for hotel reservations is Friday, January 19, 2024, and rooms are subject to availability.

Please Note: Some members have reported receiving spam emails from sources unrelated to our hotel block or related partners. Please disregard these emails and make sure to only book your hotel using our preferred partners at Passkey via the link below. If there is any doubt about the hotel information you are receiving, please contact us at ors@ors.org before booking.
Looking for a Roommate for the Annual Meeting?
If you are looking for a roommate for the Annual Meeting, check out our Facebook group page to connect with others who might also be looking. (Note that members who choose to room together at the ORS Annual Meeting do so at their own discretion. Neither the ORS, the Annual Meeting hotels, Long Beach Convention Center, sponsors, exhibitors, nor any party associated with the event assumes any responsibility for any activity which may occur while residing at the event).

Award Spotlight

The following award submission deadline is coming up soon:

**ORS/ON Foundation Orthoregeneration Award** (Deadline for submissions: January 10)
The ON Foundation and the ORS are collaborating to advance orthopaedic tissue regeneration. [CLICK HERE](#) for more information or to submit a nomination.

Applications Due Friday for Candidates for ORS Fellows
ORS Fellows are individuals who have demonstrated exemplary service and leadership, substantial achievement, expert knowledge, and significant contributions to the Orthopaedic Research Society (ORS), its governance, and the field of musculoskeletal research. Fellows will represent ORS as the thought leaders and topic experts in their respective disciplines. Fellows will also serve as role models in the ORS community and in the field of musculoskeletal research.

**Roles of Fellows**
ORS Fellows will enhance the core values of the ORS and the field of musculoskeletal research by:

- Supporting and exhibiting the ORS mission to advance musculoskeletal research worldwide.
- Inspiring excellence and innovation in research by providing expert advice, mentoring, and cultivating knowledge.
- Demonstrating professionalism and the ORS leadership through the highest standards in scholarship, science, patient care, education, and research.
- Engaging and fostering the enhancement of the ORS community through leadership, education, scientific programming, and collaboration.

**Fellows Candidate Criteria**
To nominate yourself or other ORS members, please complete the online application by clicking the blue button below. **The deadline to complete the online application is this Friday, December 8.**

All new fellows will be recognized at the Annual Meeting in February.

Submit Application for ORS Fellow

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Learn About the Annual Meeting in Conversations with Kurt This Friday

Conversations with Kurt
This Friday, you are invited to learn more about the Annual Meeting at the next Conversations with Kurt. Each month, ORS Board President, Kurt Hankenson, DVM, MS, PhD presents an informal forum for members to engage directly on important topics, and to ask questions about the ORS and the field of orthopaedic research. Each Conversations with Kurt webinar will center on a specific topic and offer plenty of opportunity for members to bring up matters that are most important to them. Join us for the next conversation on December 8 at 9:00 am Central Time. The topic for this conversation will be the ORS 2024 Annual Meeting. Joining Kurt will be ORS Board Member and Research Council Chair, Hani Awad, PhD.

Conversations with Kurt

Topic: The Annual Meeting
This Friday, December 8
9:00 am Central

Join the Conversation

New Investigator Toolkit from LearnORS

LearnORS has just launched the New Investigator Toolkit. The toolkit addresses common gaps in training that surface during the launch of an independent laboratory. These online sessions bring together early and mid-career investigators for panel discussions on the development of critical "soft-skills" such as cultivating mentoring skills, building your lab brand, and strategic planning through different career stages. In addition, sessions of budgeting and peer-review provide tangible tips for these important aspects of managing your lab and building your career. This course is available now, online, on demand, on your own schedule.

Learn More

Tendon Conference 2024
Call for Abstracts is Now Open
The call for abstracts is now open for the ORS Tendon Conference 2024: Mechanism to Therapy - Emerging Technologies and Therapeutic Outcomes. The conference will take place May 30 - June 1 at the Mayo Clinic in Rochester, MN. The conference will provide a forum to present and discuss the latest research, important emerging technologies including multiomics, address the lack of robust understanding of pain in connective tissue disorders, and to highlight clinical unmet needs and the importance of clinical research. The conference will serve as a platform for mentoring trainees, fostering collaborations and driving the rigorous research to advance the field of tendon research. Abstracts submitted or presented at this meeting can also be submitted for the 2025 ORS Annual Meeting. For more information or to submit an abstract, please click the link below. Submissions must be received by March 1, 2024.

Learn More

Basic Science Tips

In 2022, the ORS lost a giant, Dr. Fred Nelson. Fred was a member of the ORS for almost 50 years. Through his clinical perspective, Fred’s myriad contributions to the society have advanced both basic and translational research. He was a longstanding member of the Scientific Communications Committee, and he pioneered the Basic Science Tips series.

The ORS Scientific Communications Committee continues Basic Science Tips in hopes of honoring the legacy of Fred. Currently, ORS Basic Science Tips are written by ORS Scientific Communications Committee members Mia Huang and Hugo Giambini, PhD. Translations are available in Chinese, German, Italian, and Spanish. Thank you to the following members who provided translations: Ying Peng, Patrick Yeh, Sonja Häckel, Nicole Dvorak, Andreas Seitz, Luca Ambrosio, Claudia Siverino, Giulia Crosio, Maria Alvarado, Rodolfo De la Vega Amador, and Julia Andraca Harrer.

Hindlimb Unloading and Reambulation Differentially Affect Murine Fracture Healing

Patients with bone and muscle loss (Osteosarcopenia) from prolonged disuse have higher risk of falls and subsequent fragility fractures. Osteosarcopenia and impaired mobility prior and during fracture healing is associated with worse clinical outcomes. Hindlimb unloading (HLU) via tail suspension has been shown to increase cellular apoptosis, osteoclastogenesis, and disrupt vascularity in uninjured long bones, key processes implicated in bone repair. However, little to no data exists detailing how unloading and reambulation may affect these bone healing processes following disuse. Therefore, the goal of this study was to better inform post-fracture rehabilitation strategies by investigating how immediate physical reambulation affects fracture healing. The authors hypothesized that disuse by hindlimb unloading would decrease callus bone formation by decreasing angiogenesis and
increasing cellular apoptosis and osteoclastogenesis, processes which would be attenuated with reambulation.

Renew Your ORS Membership

ORS MEMBERSHIP
COME FOR THE SCIENCE, STAY FOR THE COMMUNITY

ORS members, you can now renew your membership for 2024 so you can continue to take advantage of all the benefits that come from being a part of the ORS. By renewing, you’ll stay connected with a dynamic network of orthopaedic professionals, gain access to cutting-edge research and industry insights, forge valuable connections through networking opportunities, enhance your personal and professional growth with tailored webinars, and unlock exclusive perks such as special discounts and offers available exclusively to ORS members. When renewing, please also consider joining an ORS Section. An ORS Section is a small, intimate community of like-minded peers that promote the common interest of ORS members in a specific area of research related to orthopaedics.

Note: Please do not share the access information for your membership account with anyone else, even others on staff at your organization (who might be charged with renewing your membership). Doing so might compromise, even if accidentally, your account history.

Find Your Next Opportunity at the ORS Career Center
Connect with ORS on Social Media

Check out the ORS Career Center to post jobs, post a resume, create a profile, find jobs, apply, or sign up for job alerts. The Career Center offers: Career Coaching, Resume Writing, Reference Testing, and a Career Learning Center. Check out this important resource today.

STAY UPDATED ON YOUR Global Orthopaedic Research Community

Keep up with the latest on the ORS and the orthopaedic community by connecting with us on social media. The ORS posts regularly on Facebook, Instagram, Twitter (X), LinkedIn, and TikTok. Please follow us, share our posts with your connections, invite others, and tag us when you have good information to share. Together we can help spread the word far and wide about the importance of orthopaedic research.

Follow Journal of Orthopaedic Research on Twitter (X) and LinkedIn, and Journal of Orthopaedic Research - Spine on Twitter (X) and LinkedIn.

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. This is an excellent opportunity to spread the word about your orthopaedic-related events, ensuring they reach a wider and engaged audience.

Orthopaedic disorders are life-changing ailments that touch each and every one of us, whether personally, or through the challenging experiences of family members or friends. According to the United States Bone and Joint Initiative, musculoskeletal disease affects over half of those in the United States who are 18 or older, and nearly three quarters of those who are 65 or older. The most common of these disorders are trauma, back pain, and arthritis. The cost of treating these conditions, which includes long-term pain and disability, is much greater than the costs associated with treating most other common health conditions. However, the dollars allotted to musculoskeletal research do not match the need – and in many cases the funding for this important research is lower than that for many other conditions. While this is currently an issue, it will become increasingly problematic as our population ages.

Musculoskeletal research seeks concrete ways to improve the lives those in this enormous group of people who live with debilitating disorders. ORS is committed to supporting our research community – currently, more than 3,800 researchers worldwide. The fundamental beliefs of our society are outlined in our core values: scientific excellence and integrity, partnership, collaboration, diversity, and advocacy. Our mission to advance musculoskeletal research worldwide is all about our commitment to move the field forward on a global scale. Please consider helping us to help others. Through your donation to ORS, you will be helping our society to do more, and to continue to provide the many successful programs and funding opportunities to our community.

Please Consider a Donation to Promote Research

Please Consider Making a Donation
Mark Your Calendar!

**Conversations with Kurt**
*Topic: The ORS 2024 Annual Meeting*
December 8, 2023
9:00 am Central Time

**Call for ORS Fellows Closes**
December 8, 2023

**ORS 2024 Annual Meeting**
*Deadline to Submit Specific Aims Pages or Full Grant Proposals for the LearnORS Art of Grant Writing II Workshop at the Annual Meeting*
December 17, 2023

**ORS/ON Foundation Orthoregeneration Award Submissions Due**
January 10, 2024

**ORS Annual Meeting Hotel Room Block Closes**
January 19, 2024

**ORS 2024 Annual Meeting**
February 2 - 6, 2024
Long Beach, California

**ORS Tendon Conference 2024: Mechanism to Therapy – Emerging Technologies and Therapeutic Outcomes**
*Call for Abstracts Closes*
March 1, 2024

**ORS Tendon Conference 2024: Mechanism to Therapy – Emerging Technologies and Therapeutic Outcomes**
May 30 - June 1, 2024
Mayo Clinic, Rochester, MN

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**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.