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.

For those that submitted content for the Call for Late Breaking Abstracts, please note that acceptance emails will be sent this Wednesday, November 29.

The 4th Annual ORS Future Faculty Poster Session will take place at the Annual Meeting on February 3, from 7:00 - 8:30 pm. This program is open to residents and fellows that are planning to apply for their first independent research faculty position in the upcoming year. Candidates will present their proposed independent research laboratory's goals and showcase their past, present, and future research to department chairs, search committee chairs/members, and senior faculty. To apply to participate in the program, please submit your application by this Thursday, November 30.

The new Future Post-Doc Poster Session will also take place on February 3. This program is open to ORS trainee members (senior graduate/medical students, residents) who are ready to apply for a postdoctoral research position. This session will provide the opportunity to highlight your experience and goals for a postdoctoral training period and career to faculty, T32 directors, and mentors. To apply to participate in the program, please submit your application by this Thursday, November 30.
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. 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.

Awards Spotlight

The following award submission deadlines are coming up soon:

**ORS Meniscus Section Impact Award** *(Deadline for submissions: This Friday, December 1)*
The Meniscus Section presents the inaugural "Impact Award" to honor an established meniscus researcher in the ORS who demonstrates impactful meniscus research and impactful collaborations, mentorship, and innovation. [CLICK HERE](#) for more information or to submit a nomination.

**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.

Learn About All Awards

Call 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 December 8**.

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

Submit Application for ORS Fellow

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**This Wednesday - Join us for a Webinar to Help You Manage Your Lab Environment**
Join us this Wednesday for a LearnORS Virtual Scientific Session which will discuss the key aspects of developing and maintaining a high-quality lab environment. Topics will include: development of standard operating procedures and critical process parameters, training, and documentation. Lara Silverman, PhD, of L.I.S. BioConsulting, LLC will be our speaker. Sign up today to attend this valuable session.

Managing Your Lab Environment: Implementing and Sustaining Best Practices
This Wednesday, November 29, 2023
12:00 pm – 1:00 pm Central Time
The Cy Pres Grant
Organized by:
Alayna Loiselle, PhD, University of Rochester Medical Center

The Orthopaedic Research Society (ORS) was recently awarded a significant cy pres grant. Cy pres is a legal doctrine that permits a court to allocate unclaimed or undeliverable funds from a class action settlement to nonprofit organizations that advance the interests of the class and the subject matter of the lawsuit. The ORS has received this substantial cy pres grant as a result of the lawsuit Yamagata v. Reckitt Benckiser LLC, which involved alleged false advertising for a product claiming to relieve joint pain and symptoms of osteoarthritis. This grant will play a pivotal role in advancing orthopaedic research and improving musculoskeletal health.

The ORS will use the grant to activate three key strategic initiatives related to research advocacy, diversity, equity, and inclusion (DEI), and the creation of a new digital platform for resources,
education, and networking. Task forces have been assembled to kickstart these initiatives, and we anticipate significant progress in the coming months.

Results from the First Annual ORS Turkey Trot

Thank you to everyone who participated in the inaugural ORS Turkey Trot Virtual 5K Race to Research. Participants gathered to be part of the 5K walk, run, or roll to raise money for orthopaedic research. Congratulations to Zac Seidel who completed the 5K run in 20:57, and to Andrew Queen who completed the walk in 53:00. Both were members of the Granata Gobblers Team from Granata Biomechanics in Blacksburg, VA. The team was the largest to participate in the event, with 32 members who moved a total of 99.2 miles. Thank you all for helping raise $1,900 to go towards research to help those affected by musculoskeletal issues.

Editor's Pick

Tendon Microstructural Disruption Promotes Tendon-Derived Stem Cells to Express Chondrogenic Genes by Activating Endoplasmic Reticulum Stress


The erroneous differentiation of tendon-derived stem cells (TDSCs) into adipocytes, chondrocytes, and osteoblasts is believed to play an important role in the development of tendinopathy. However, the regulatory mechanisms of TDCS differentiation remain unclear. The aim of this study is to investigate the contribution and mechanism of the tendon microstructural disruption to the differentiation of TDSCs. The study indicated that tendon microdamage could induce the chondrogenic differentiation of TDSCs through triggering ER stress to activate ATF-4 and SOX9 subsequently.
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.
ORS will soon issue its new newsletter, *Hot Topics in Orthopaedics*. This newsletter will offer the latest news and information in orthopaedics and will include content that will be of interest to ORS members as well as the general public. It will be distributed by a third party to ORS members and prospective members, or to those in the general public who wish to subscribe. You will receive the issues automatically via email, but you can opt out at any time through the unsubscribe link at the bottom of the email.

Find Your Next Opportunity at the ORS Career Center

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.

Visit the ORS Career Center

Connect with ORS on Social Media

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.

Find or Post Events

Russell Main

The ORS would like to offer its condolences to the family, friends, and colleagues of Russell Main who passed away on November 14. Russell was an associate professor at Purdue University and a biomedical engineer working in tibial loading, in vivo strain gauge measures, and animal models. He was a longtime, active ORS member and a part of the Preclinical Models Section. Our condolences to all those who had the opportunity to work with Russell.

Mark Your Calendar!

LearnORS Presents a Virtual Scientific Session:
Managing Your Lab Environment: Implementing and Sustaining Best Practices
This Wednesday, November 29, 2023, 12:00 pm - 1:00 pm Central Time

ORS 2024 Annual Meeting
Notifications Sent for Acceptance of Late Breaking Abstracts
This Wednesday, November 29, 2023
ORS 2024 Annual Meeting
The 4th Annual ORS Future Faculty Poster Session Applications Due
November 30, 2023

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

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

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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Connect with ORS on Social Media: