Recognizing Our Volunteers

April is National Volunteer Month in the US and Canada. Please help us to recognize the efforts of ORS volunteers by submitting their (or your) information through the form linked below. We would like to feature the important work done by our great volunteers in future issues of the newsletter, and in other ORS outreach. We welcome photos, quotes, or other information about the volunteer, or your own personal experience in volunteering. We will randomly select one entry in every 50 responses to receive an ORS t-shirt, one entry in every 200 to win a complimentary registration for the ORS 2025 Annual Meeting, and one entry in every 500 to receive a complimentary one year ORS membership. The submission form also provides an early opportunity to suggest volunteers for awards to be given at the ORS Annual Meeting, February 2025 in Phoenix, AZ.

Submit Volunteer Information

Applications Due Today for Early Career Scientist Fellowship
The Orthopaedic Research Society (ORS) and the Orland Bethel Family Musculoskeletal Research Center (BMRC) have joined together to offer a fellowship to early career scientists. The ORS/BMRC Fellowship prioritizes support of early career scientists to produce breakthrough treatments for musculoskeletal ailments. The program will support the generation of critical preliminary data for larger grant applications, leading to breakthrough treatments for musculoskeletal diseases. Two levels of fellowship support are currently available to support translational basic science and clinical musculoskeletal research: $20,000 awards for postdoctoral scholars or medical residents, and $30,000 awards for junior faculty members.

Applications, Including Letters of Intent, are Due Today.

The Young Investigators Initiative Workshop

The Young Investigator Initiative (YII) Workshop took place last weekend in Rosemont, IL. This year, 17 participants worked with 8 faculty members who provided guidance on how to write and submit successful research grants for funding their musculoskeletal science. In addition to didactic presentations, the young investigators received one-on-one mentorship from 3 or more faculty who have been awarded numerous grants during their careers. These pearls of wisdom included how to
respond to reviewer comments to make their grant resubmission more competitive for funding. The YII is a grant mentoring and career development program, from the U.S. Bone and Joint Initiative (USBJI), that increases the pipeline of clinician and basic scientists undertaking musculoskeletal research studies. The purpose of the YII program is to provide experienced and supportive mentoring in how to construct a well-founded research proposal and secure funding for basic, translational, or clinical research

Here are some comments from this year's participants:

"This program was an amazing opportunity to gain insight into the grant writing and review process. The faculty and peer feedback were extremely helpful. This is a worthwhile use of your time!"

"This was one of the most useful things I have done ever. I feel this program alone will help me significantly improve my chances of getting funding. There are always people that will say that a grant doesn't read well or it needs more clarity but couldn't clearly express what that meant. I finally understood."

"It gave me more confidence to submit my grants - the feedback was very positive."

Read More About the YII and the USBJI

Open Calls for the ORS 2025 Annual Meeting

The ORS Scientific Program Committee is now seeking workshop applications for the ORS 2025 Annual Meeting which will be held February 7-11, 2025 in Phoenix, Arizona. Workshops will cover a wide variety of topics representing basic, translational, and clinical research, as well as innovative technologies.

Workshops will include:
• **Scientific Workshop** – cutting-edge musculoskeletal research (i.e. refined juvenile animal models for pediatric musculoskeletal research to improve lifelong health)

• **Science and Technology Workshop** – in collaboration with an industry partner (i.e. additively manufactured implants - how far have we advanced on material safety and characterization?)

• **Crosstalk Workshop** – highlighting interactions between clinical and basic approaches to musculoskeletal problems (i.e. understanding pain in musculoskeletal disease: molecular and clinical insights)

**The goals of the workshops:**

1. To educate our attendees about exciting research and novel skills.
2. To promote collaborative effect approaches to address orthopaedic/musculoskeletal diseases and treatment challenges.

Workshops focusing on aging, multi-organ/tissue crosstalk (i.e. bone-cartilage), AI/big data, and circular translational research to improve models are encouraged.

**Please Submit Your Applications by Monday, April 22.**

Submit Workshop Applications

The ORS Research Council is seeking **ideas for Symposia, Back to Basics, and Bench to Bedside sessions** for the ORS 2025 Annual Meeting.

**Symposia** will engage the audience in a dialogue about a hot topic and/or emerging paradigm in orthopaedic science. These forward-looking topics should bridge basic and clinical research, and integrate academic, health, regulatory, and industry perspectives.

**Back to Basics** sessions will bring foundational knowledge and historical perspective to meeting attendees, highlighting important discoveries made 30+ years ago and how they have influenced the field.

**Bench to Bedside** will be innovative sessions that bring together clinicians, basic scientists, and clinical trial experts.

**Please Submit Your Ideas by Monday, April 22.**

Submit Symposia or Session Ideas
We are currently looking for suggestions for potential Spotlight Speakers at the 2025 ORS Annual Meeting. If interested, you are welcome to submit any speaker ideas (who can be ORS members or non-members), and topics/talk titles.

Please Share Your Suggestions by Monday, April 22.

New Members, Join Us for an ORS Orientation

If you are a new ORS member, please join us for an orientation where we will provide information on the structure of ORS, the benefits of membership, the opportunities for networking and career development, and much more. Bring any questions you have. We are here to help make your ORS membership all that it can be.

New ORS Member Orientation
Wednesday, April 24
12:00 PM Central

Zoom Meeting
https://us02web.zoom.us/j/3868069548?omn=81345762040
Meeting ID: 386 806 9548

One Tap Mobile
+13092053325, 3868069548# US
+13126266799, 3868069548# US (Chicago)
Join Us for a Webinar on Histopathologic Outcomes

Join us for the next webinar, **Pathology 101: Considerations for Implementing Histopathologic Outcomes in Orthopaedic Research**. The webinar, presented by LearnORS, will take place Wednesday, May 1, 2024, at 12:00 PM Central. Julie Engiles, VMD, Professor of Pathology at the University of Pennsylvania, School of Veterinary Medicine (PennVet), will address how to prepare grant proposals to successfully include histopathologic outcomes, considerations when using large animal preclinical orthopedic models, and utility of different histochemical stains within these models. Click the link below to register.

Organized by:
**ORS Preclinical Models Section**

Register
Join ORS member Devina Purmessur, PhD for a webinar on the topic of Women in Science Mentorship. The event will be an informal, interactive conversation, and will take place on **Thursday, May 2, 11:00 AM - 12:00 PM Central**. Dr. Purmessur is Associate Professor and Associate Chair of Graduate studies in the Department of Biomedical Engineering, Ohio State University. Her research training and diverse scientific background in musculoskeletal pathophysiology has provided her with a unique experimental skill set – combining cell, molecular, and immune biology with biomedical engineering. This enables her to investigate highly translational questions and mechanisms while grounded in fundamental basic science. Her current interests lie in developing novel non-addictive biological strategies that directly target the underlying mechanism of discogenic back pain, including suitable in vitro and in vivo animal models for clinical translation. In addition to research, she is deeply committed to teaching and mentoring; this involves providing biomedical engineering students with the necessary knowledge and transferable skill sets to help them identify and solve complex real-world problems that exist at the intersection of engineering and medicine. About the webinar, Dr. Purmessur states, "I have been very fortunate during my career to have incredible female mentors and it is important to me to pay this forward, to provide my junior peers and mentees with the support they need to be successful."

---

**Call for Fracture Repair Abstracts is Now Open for the ISFR/BSFF Joint Meeting**

The ORS International Section of Fracture Repair (ISFR) and the Orthopaedic Trauma Association (OTA) Basic Science Focus Forum (BSFF) will collaborate for a joint session that will take place...
October 21-23, just prior to the OTA Annual Meeting, October 23-26 in Montréal, Canada. The call for abstracts is now open and all submissions must be received by May 20.

The ISFR event is intended to foster growth and innovation in the field of fracture repair, bone regeneration, and orthopaedic trauma. This cross-disciplinary meeting aims to bring together scientists, clinicians, engineers, and trainees with the goal of presenting pre-publication work and exchanging ideas that will drive advancement in the field.

The OTA is an international organization of orthopaedic surgeons and medical professionals dedicated to the care and treatment of patients with injuries to the musculoskeletal system, especially fractures and dislocations.

Registration for the event will open June 3.

Abstracts Must be Submitted by May 20.

Learn More or Submit an Abstract

Register for the Tendon Conference 2024

Join us for the ORS Tendon Conference 2024: Mechanism to Therapy - Emerging Technologies and Therapeutic Outcomes. The conference will take place Thursday, May 30 - Saturday, 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. Registration is open now, but registration costs will increase on April 30. For those who submitted abstracts, please note that the notification letters will be sent the week of April 22.
Learn About Back Pain from the Experts

Check out the third installment of the ORS Ask the Experts video series, as experts address the issue of back pain. Lower back pain is the leading cause of disability globally. Many of our friends, family, and colleagues will often ask why their backs hurt and if there is more that can be done to alleviate the pain (e.g., surgery, stem cell therapies, etc.). The goal of this video is to shed light on current procedures and research trends for new treatments for back pain. The content is presented in a manner that is accessible to the general public, so please share with any contacts you have outside of the field who might be interested.

Organized by:
The ORS Public Outreach Committee and the ORS Spine Section

Advance Your Career with Online, On-Demand Education from LearnORS
LearnORS is the online education platform from the ORS and it offers a variety of courses to help with career development training for individuals and for those in residencies. Courses are available separately or in a bundle, with discounts available to ORS members.

**Courses Include:**
- Enhanced Writing and Publication Skills
- The Art of Grant Writing
- Principles of Clinical Research
- New Investigator Toolkit
- Orthopaedic Basic Science Course

The LearnORS platform offers countless benefits to residency programs, including a Residency Bundle option, and online access to manager’s reports that monitor learners' progress and performance data. Upon finalization of the courses, learners will receive a certificate of completion. Enrollment is simple and discounted rates are available for multi-learner and multi-course enrollment.

Learn online, on demand, on your own schedule with LearnORS.

Learn More About LearnORS

View Photos of the ORS 2024 Annual Meeting
Photos of the ORS 2024 Annual Meeting have been posted. Be sure to take a look at the online photo gallery to relive the "greatest hits" of the event and to see if you and your colleagues, your presentations, or your favorite sessions might be in there. We already feel nostalgic about the 2024 Annual Meeting, but we are looking forward to the 2025 meeting in Phoenix, AZ. Check out the 2024 event photos through the link below.

Order Your ORS 70th Anniversary T-Shirt

Get your own special, limited edition, commemorative ORS - 70 Years Advancing Research to Keep the World Moving T-Shirt. This is a great way to share your support for the organization and your enthusiasm for musculoskeletal research. Order them for your team and let the world see how fashionable orthopaedic research can be! Just click the link below, and with a $20 donation to ORS and shipping, we will send you a shirt.

Hot Topics in Orthopaedics Newsletter
You might have seen the ORS *Hot Topics in Orthopaedics* newsletter. This newsletter is sent out via email every Friday and highlights key news, information, and research in the musculoskeletal field. We hope that the information provided in the newsletter is of value to you. Distribution for the email is provided through a third party partner, so if you are not seeing these emails, you might want to check your junk folder and approve the email accordingly.

About the newsletter, ORS member Rahul Gawri states, "I believe the newsletter will be beneficial to clinicians and others who might receive it and who will be encouraged to join the ORS. It has key highlights of relevant papers and it postures the ORS as both a basic and a clinical sciences society, which is great. People often think of us as pure basic science, but almost half of the members work on translational and clinical studies. I think the newsletter is a great initiative and is a benefit for members and potential members."

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 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

Find or Post Events on the Orthopaedic Events Calendar
The Orthopaedic Events Calendar on the ORS website lists events that 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.

Mark Your Calendar!

**Applications Due for the ORS/BMRC Fellowship**
*Today, April 15, 2024*

**Workshop Applications Due for the ORS 2025 Annual Meeting**
*April 22, 2024*

**Symposia and Session Ideas Due for the ORS 2025 Annual Meeting**
*April 22, 2024*

**New ORS Member Orientation**
*April 24, 2024, 12:00 PM Central*

**Webinar: Pathology 101 - Considerations for Implementing Histopathologic Outcomes in Orthopaedic Research**
*May 1, 2024, 12:00 PM Central*

**Webinar on Women in Science Mentorship**

Find or Post Events
May 2, 2024, 11:00 AM Central

**Abstracts Due for the ORS ISFR/OTA BSFF Joint Meeting**
May 20, 2024

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

**2024 Clinician Scholar Career Development Program**
October 3 - 5, 2024
Rosemont, IL

**ORS ISFR/OTA BSFF Joint Meeting**
October 21 - 23, 2024
Montréal, Canada

**2024 Philadelphia Spine Research Symposium**
November 10 -14, 2024
Skytop, PA

---

**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](mailto:ors@ors.org) to submit your information.