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Happy Holidays and Thank You for a Great Year



As we approach the Holiday Season and the end of 2024, we would like to thank you for being a member of our community and for all that you do for orthopaedic research. Together, we are helping to make a difference in the lives of those affected by musculoskeletal diseases. We wish you and all of yours the very best this Season, and look forward to a very strong and engaging 2025. Please note that the ORS office will be closed between December 24 and January 1, and we will be returning January 2.

Register Today for the Annual Meeting



[END-OF-YEAR GIVING TO ORTHOPAEDIC RESEARCH](#)

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[RENEW YOUR ORS MEMBERSHIP TODAY](#)

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[THE CALL IS OPEN FOR BETHEL/ORS FELLOWSHIP APPLICATIONS](#)

The Annual Meeting will take place February 7-11, 2025 in Phoenix, AZ. The event will bring the orthopaedic community together for five days of workshops, learning sessions, networking, advocacy, and much more. The theme for the 2025 meeting is "Science is Our Core." Attendees of all career levels and from many disciplines will gather to network and learn about the latest innovations in orthopaedics.

Annual Meeting Registration is Open

[Register](#)

[View the Schedule-at-a-Glance](#)

The *Journal of Orthopaedic Research (JOR)* will host its **Editorial Recognition Dinner and Editorial Networking Reception** at the Annual Meeting. Be sure to sign up now and plan to bring your dancing shoes, business cards, and fun spirit and participate in one of the most anticipated social events of the ORS Annual Meeting. The event will take place Friday, February 7, 2025 at monOrchid, 214 E Roosevelt St., Phoenix, AZ (*this is a short, 10-minute walk from the Phoenix Convention Center*). The **Editorial Recognition Dinner** will take place 8:30 – 9:30 PM MST. The **Networking Reception** will take place 9:30 – Midnight MST (immediately following the Recognition Dinner).

[Register for the Dinner and/or Reception](#)

The LearnORS 2025 **Art of Grant Writing In-Person Workshop** will take place at the Annual Meeting on Friday, February 7. The proposal due date has been extended. For those interested in attending the full-day workshop, please submit your Specific Aims Page or Full Grant Proposal by Tuesday, January 7 at 11:59 PM Central.

[Read More or Apply](#)

The **ORS Open Door Program** is seeking volunteers to help 7th and 8th-grade students from underrepresented backgrounds explore and build futures in STEM research. As a volunteer, you will assist in empowering young minds with a series of hands-on workshops and

[CALL FOR ARTICLE
SUBMISSIONS FOR JOR
SPECIAL ISSUE ON
IMPLANT TECHNOLOGY](#)

[FIND YOUR NEXT
OPPORTUNITY AT THE ORS
CAREER CENTER](#)

[FIND OR POST EVENTS ON
THE ORTHOPAEDIC EVENTS
CALENDAR](#)

demonstrations. The event will take place on Friday, February 7, 2025, at the University of Arizona from 8:00 AM - 3:00 PM MST.

[Learn More or Apply to Volunteer](#)

The ORS is dedicated to delivering an outstanding Annual Meeting experience while also providing affordable hotel accommodations for all attendees. We are now accepting **reservations for hotel rooms** for the meeting. To ensure you receive the negotiated group room rate, please be sure to book your hotel by January 15. Rooms are selling quickly, so be sure to reserve your room today!

[Reserve Your Hotel Room](#)

Election for the 2025 ORS Board of Directors



BOARD OF DIRECTORS

The Election for 2025 ORS Board of Directors is now complete. Congratulations to all the newly elected board members. With an 11.2% response rate, which is the average level of participation on ORS surveys, we thank all members who voted in this election.

The New Members of the ORS Board of Directors are:



2nd Vice President
Roger Cornwall, MD
Cincinnati Children's Hospital



Member-at-Large, Established
Philipp Leucht, MD, PhD
New York University Grossman School of Medicine



Member-at-Large, Early Career
Chris Panebianco
University of Pennsylvania



Communications Council Chair
Megan Killian, PhD
University of Michigan



Education Council Chair
Martin Stoddart, PhD
AO Research Institute Davos



Collaborations Council Chair
Holger Jahr, PhD
University Hospital RWTH Aachen

The new board members will be ratified at the Annual Meeting in Phoenix, AZ during the Closing Ceremony on Tuesday, February 11, 2025. Please take a few minutes to reach out to the new board members and congratulate them on their new leadership roles with the ORS.

You Can Still Access All of This Year's Webinars (and More)



This year, the ORS hosted 1063 registered participants for 21 different webinars which included: scientific and career development sessions, virtual social hours, three-minute research pitches, new member orientations, town halls, and more. We are already planning another year of programming, filled with great educational value and scientific insights from expert speakers. If you missed any of our webinars, you can still view the recordings which are available to you on demand. Webinars and recordings are free to ORS members.

2024 Scientific Session Webinar Recordings

- Advancements in Technologies for Histopathology of Hard Tissue and Implanted Tissue Technology
- The Deadly Rise of Anti-Science: A Scientist's Warning
- Multiomics Approaches 101
- Lessons from Other Fibrocartilages: Impact on Meniscus Research
- Intravital Imaging 101: Exploring the Dynamics of Musculoskeletal Health - Intravital Multiphoton Microscopy Innovations at Cornell University

- ORS ISFR 3-Minute Research Pitch Competition
- ORS Spine Virtual Poster Session
- What You “Kneed” to Know: A Beginner’s Guide to Total Knee Anthroplasty
- Pain 101: Comprehensive approaches to Musculoskeletal Pain Assessment and Animal Welfare Monitoring in Preclinical Research
- Harnessing Biomechanics for Meniscus Replacement Solutions
- Pathology 101: Look Before You Leap! Histopathology Tips and Tricks for Preclinical Orthopaedic Models

2024 Career Development Webinar Recordings

- Industry Research Collaborations
- Ready, Set, Pitch: Learn How to Effectively Communicate a Great Idea
- Leading a Laboratory: Parallels Between Industry and Academia
- Transgender Colleagues in Research: Sharing Stories, Overcoming Obstacles, and Celebrating Progress
- Department of Defense Funding Opportunities
- Microaggressions and Unconscious Bias: Improving Your Relationships and Impact
- Incorporating Undergraduates in Your Research Program
- Strategies for Mentoring and Teaching Scientific Communication

2024 Members Only Webinars

- New Member Orientation
- ORS Diversity, Equity, Inclusion, and Accessibility (DEIA) Town Hall

[View the Recordings](#)

Award Opportunity



Applications are being accepted for the [ORS/ON Foundation Orthoregeneration Award](#). This is \$1,000 for a young investigator based on outstanding tissue regeneration research. The award will be presented at the ORS 2025 Annual Meeting. Those who have abstracts accepted for the meeting are eligible to apply. **(Submissions Due January 10.)**

[Learn About All Awards](#)

End-of-Year Giving to Orthopaedic Research



Thanks to everyone who participated in the Turkey Trot or donated on Giving Tuesday, all of which helped raise funds for orthopaedic research. If you were not able to participate, but would still like to

contribute to the cause that is so important to us all, our End-of-Year Giving campaign will run through 2024.

[Donate to Orthopaedic Research](#)

The Call for Applications is Now Open for CSCDP 2025



The call for applications is now open for the 2025 Clinician Scholar Career Development Program (CSCDP). CSCDP will take place October 2-4 in Rosemont, IL. This annual training workshop is designed for orthopaedic residents in their PGY2-PGY5 years, surgeons in fellowships, and junior faculty (through year three) who have the potential and desire to become orthopaedic clinician scholars. CSCDP seeks the best and the brightest, and participants are selected through a highly competitive application process. Program participants will enhance their competencies needed for success as both a surgeon and a scientist: scientific knowledge, professionalism, responsible conduct of research, research skill development, management and leadership skills, and communication skills. Applications must be received by March 31, 2025, 11:59 PM Central.

[Learn More or Apply](#)

A Great Program for Junior Faculty, Fellows, Post-Doctoral Researchers, and Residents

YII Young Investigator Initiative

A Grant Mentoring and Career Development Program



The ORS Young Investigator Initiative (YII) is a grant mentoring and career development program that provides young investigators with guidance on constructing well-founded research proposals and securing funding for basic, translational, or clinical research. This program is open to all Junior Faculty, Fellows, Post-Doctoral Researchers, and Residents. Previous YII attendees are also invited to return to review their Summary Statements, discuss next steps, and obtain further guidance from our experienced and supportive faculty mentors. There will be two YII Sessions in 2025 - the Spring Session May 2-4, and the Fall Session November 1-2. Both will take place at the Orthopaedic Learning and Education Center in Rosemont, IL.

Registration is now open for both Spring and Fall 2025 sessions.

[Learn More or Register](#)

**Online Education Opportunities
for ORS Members Only with LearnORSflex**



LearnORS, the online education platform from the ORS, has an exciting educational opportunity that is available only to ORS members. LearnORS*flex* offers two unique, discounted, flexible package options that will provide you with a customized online, on demand learning experience.

LearnORS*flex* Option 1 provides a choice of one of the following three courses:

- Art of Grant Writing
- Orthopaedic Basic Science
- Principles of Clinical Research

This option will also include the following two career development courses:

- Enhanced Writing and Publication Skills
- New Investigator Toolkit

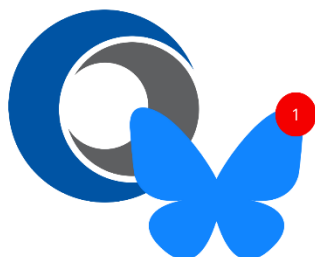
LearnORS*flex* Option 2 provides all of the following five courses:

- Art of Grant Writing
- Orthopaedic Basic Science
- Principles of Clinical Research
- Enhanced Writing and Publication Skills
- New Investigator Toolkit

Act now to take advantage of this great opportunity to learn online, on demand, on your own schedule.

[Learn More](#)

Introducing the ORS BlueSky Social Media Account



The ORS is now on BlueSky. As we continue to expand our presence across social platforms, BlueSky offers another opportunity to connect, share, and engage with the orthopaedic research community. Follow us to stay informed, be part of the conversation, and showcase your research activities by tagging us.

[Follow ORS on BlueSky](#)

Connect with Others by Joining an ORS Community Network



The ORS offers a variety of Community Networks that are designed to provide ORS members of different backgrounds, career levels, and areas of interest with a chance to connect, share experiences, and form life-long friendships and collaborations. Community Networks are available for:

- **The ORS Asian Leadership Forum (ALF)** gathers new generations of researchers, including Asians, Pacific Islanders, and their allies, to promote research and leadership excellence.
- **The Black Orthopaedic Research Network (BORN)** promotes the careers of Black Orthopaedic Researchers, builds collaboration and community, and provides mentors for early career scientists.

- **The Foot and Ankle Community Network** fosters communication and collaboration amongst ORS foot and ankle researchers.
- **The ORS Junior Faculty Network** is a community network for senior-level post-docs and junior faculty making the transition from trainee to PI.
- **Pride @ ORS** is a community network for LGBTQIA+-identifying individuals and allies with a primary goal of promoting acceptance, inclusivity, and visibility for individuals in the ORS.
- **The Temporomandibular Joint (TMJ) Community Network** advances understanding and treatment of temporomandibular joint disorders through collaborative research, education, and advocacy.
- **The Emerging Orthopaedic Surgeons Community Network (EOS)** aims to connect young and future clinicians, including medical students pursuing a career in orthopedic surgery and current resident physicians.

If you are interested in joining any of these ORS Community Networks, please contact Nikita Halapeti, ORS Data and Program Specialist, at halapeti@ors.org.

[Join a Community Network](#)

Renew Your ORS Membership Today



ORS members, you can now renew your membership for 2025 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 Research Section. An ORS Research Section is a small, intimate community of like-minded peers that promotes the common interest of ORS members in a specific area of research related to orthopaedics. The ORS has Research Sections for: Fracture Repair, Meniscus, Orthopaedic Implants, Preclinical Models, Spine, Strategies in Clinical Research, and Tendon.

You can also renew your membership during the [registration process for the ORS 2025 Annual Meeting](#).

[Renew Your Membership](#)

Please Provide Your Feedback on Protocols in Animal Research



A note from Edward Schwarz, PhD, Editor-in-Chief of the *Journal of Orthopaedic Research (JOR)*:

Dear ORS Members,

As your Editor-in-Chief of our *Journal of Orthopaedic Research*, conflicts between ORS members over ethical use of animals for research have come to my attention and need to be addressed. In general, these conflicts are about cultural, regional, and national differences of opinion and laws pertaining to animal species, injury models, pain managements, and pain assessments, in Institutional Animal

Care and Use Committee (IACUC) approved protocols. As we are an international community, these differences are to be expected. However, to adequately respect large differences, I believe the time has come to go beyond mere IACUC approval for peer reviewed publication in the *JOR*. Therefore, I have tasked the ORS Preclinical Models Section to produce new guidance regarding expectations of animal care, pain control, and experimental design for submissions to the *JOR* which involve preclinical animal models. [Please review the first draft of this new guidance](#) and post your thoughts and recommendations on this subject in the form linked below. This information will be collated in January to derive a final draft of guidance that will be voted on for approval at the Preclinical Models Section meeting at the 2025 ORS Annual Meeting in February. As my intention is to incorporate the approved guidance into the *JOR* submission process for peer reviewed research articles, your participation in this process is critical.

I thank you in advance.

Sincerely,

Edward Schwarz, PhD
Fellow of the Orthopaedic Research Society
Editor-in-Chief, *Journal of Orthopaedic Research*

[Provide Your Feedback](#)

The Call is Open for Bethel/ORS Fellowship Applications



Support for Early Career Scientists

LETTERS OF INTENT DUE APRIL 1, 2025



The ORS and the Orland Bethel Family Musculoskeletal Research Center (BMRC) have joined together to offer a fellowship to new-in-career scientists. The BMRC/ORS Fellowship will support early career

scientists to produce breakthrough treatments for musculoskeletal ailments. The goal of the program is to support the generation of critical preliminary data for larger grant applications, leading to breakthrough treatments for musculoskeletal disease. Two levels of BMRC/ORS Fellowship support are currently available: a \$20,000 award for postdoctoral scholars or medical residents, and a \$30,000 award for junior faculty members. The award is available for 4-6 ORS members in 2025.

[Read More or Apply](#)

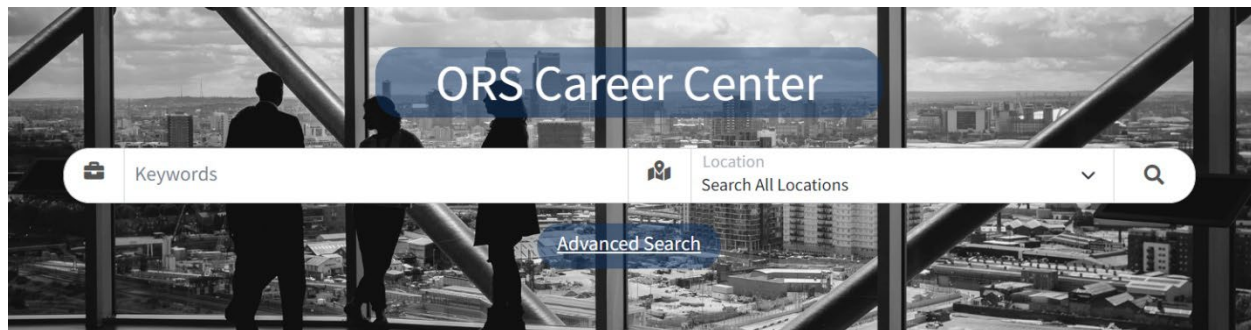
Call for Article Submissions for JOR Special Issue on Implant Technology



The *Journal of Orthopaedic Research (JOR)* has announced a call for articles for a special issue on **Current Topics in Orthopaedic Implant Technology**. In this special issue of *JOR*, we will highlight a series of review articles on key topics of clinical needs and/or technologies in orthopaedic implants. These topics are expected to include: infection, additive manufacturing, intra-operative technologies, remote patient monitoring, AI/ML, and retrieval analysis. Additionally, we aim to provide review articles on each of the four primary types of evidence used to support advancements in arthroplasty: computational modeling and simulation, benchtop testing, animal studies, and clinical investigations. We are also soliciting original research articles in specific application areas including spine, hip, knee, shoulder, elbow, hand, ankle, foot, and trauma. The guest editors for this issue will be: Jeff Bischoff (Zimmer Biomet), Joshua Roth (University of Wisconsin), and Alex Christ (University of California). You can submit to the special issue via the link below. Be sure to answer “yes” to the question in Step 1 - “Is this submission for a special issue?” Then select “Current Topics in Orthopaedic Implant Technology” from the drop-down menu.

[Submit Your Article](#)

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.

[Find or Post Events](#)

Mark Your Calendar!

[Proposals Due for the Art of Grant Writing In-Person Workshop at the Annual Meeting](#)

January 7, 2025, 11:59 PM Central.

[Applications Due for the ORS/ON Foundation Orthoregeneration Award](#)

January 10, 2025

[ORS 2025 Annual Meeting](#)

February 7 - 11, 2025

Phoenix, AZ

[Applications Due for the 2025 Clinician Scholar Career Development Program \(CSCDP\)](#)

March 31, 2025

[BMRC/ORS Fellowship Letters of Intent Due](#)

April 1, 2025

[Spring ORS 2025 Young Investigator Initiative \(YII\)](#)

May 2 - 4, 2025

Rosemont, IL

[51st International Musculoskeletal Biology Workshop](#)

July 19 - 24, 2025
Midway, UT

[ORS 2025 Clinician Scholar Career Development Program](#)

October 2 - 4, 2025

[International Combined Orthopaedic Research Societies \(ICORS\) Congress 2025](#)

October 8 - 11, 2025
Adelaide, Australia

[Fall ORS 2025 Young Investigator Initiative \(YII\)](#)

November 1 - 2, 2025
Rosemont, IL

[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**.



Advancing
Research to
Keep the
World Moving

Orthopaedic Research Society

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