



March is Women's History Month

March is Women's History Month and we would like to honor some of the many achievements of women in orthopaedic research. The following women were nominated by their peers to be featured in *ORS Connect* for their important contributions to orthopaedics:

Vicki Rosen, PhD at Harvard, is an ORS member who has identified BMP genes, cloning, and purification of BMPs, and has provided much research in molecular cell biology and developmental biology.

Karen Lyons, PhD at UCLA, works with growth factors and signaling, BMPs, BMP-3 and rhBMPs in molecular cell biology and developmental musculoskeletal biology.

We will continue to note important accomplishments of women in orthopaedics in the *ORS Connect Newsletter* throughout March. [Please click here to share information about a woman in orthopaedics you would like to highlight in the newsletter.](#)

Join us for Conversations with Kurt

New ORS President, Kurt Hankenson, DVM, MS, PhD, has scheduled the first in an ongoing series of virtual sessions called *Conversations with Kurt*. The first iteration of this monthly series will focus on how to get more involved with the ORS. Each month Kurt will cover



different topics of interest to ORS members. This is an excellent opportunity for members to engage with leadership on important topics and ask questions about the ORS and the field of orthopaedic research.

The first *Conversations with Kurt* session will take place twice on March 30. Join either session by clicking the link in the time you would like to attend.

March 30, 2023

10:00 am Eastern Time

Or via Phone with One Tap Mobile - US:
+13092053325,,87815334796# or
+13126266799,,87815334796#

8:00 pm Eastern Time

Or via Phone with One Tap Mobile - US:
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Passcode: Kurt-Chat

Call for Session Ideas for the 2024 Annual Meeting



The call is now open seeking ideas for *Symposia*, *Back to Basics*, and *Bench to Bedside* sessions for the 2024 Annual Meeting, February 2-6 in Long Beach, California.

ORS Symposia advance translational musculoskeletal science by connecting scientists within and across various disciplines. Panels of experts representing basic, translational, clinical, and regulatory perspectives will engage the audience in a dialogue about a hot topic, and/or emerging, forward-thinking paradigm in orthopaedic science.

Back to the Basics Sessions bring foundational knowledge and historical perspective to participants, highlighting important discoveries made 30+ years ago and how they have influenced the field.

Bench to Bedside Sessions bring together clinicians, scientists, and clinical trial experts to discuss innovations and advances.

Please submit your session ideas by Monday, April 24.

[Submit Session Ideas](#)

Call for ORS 2024 Annual Meeting Workshops



The ORS Scientific Program Committee is seeking workshop applications for the ORS 2024 Annual Meeting in a wide variety of topics which represent basic, translational, and clinical research, as well as innovative technologies.

Workshop categories for these 90-minute sessions include the following:

- Scientific Workshop – cutting-edge musculoskeletal research (i.e. the role of the immune system in tendon disease).
- Science and Technology Workshop – in collaboration with an industry partner (i.e. additively manufactured implants - cool parts, but how far have we advanced on material safety and characterization?).
- Crosstalk Workshop – highlighting interactions between clinical and basic approaches to musculoskeletal problems (i.e. leveraging multidisciplinary expertise to identify patients at risk for OA after meniscal surgery).

The goals of the workshops are:

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

Workshops focusing on aging, multi-organ/tissue crosstalk, artificial intelligence/big data, tissue regenerative medicine, stem cell biology, and translational research are encouraged.

The deadline for submission is Monday, April 24.

For more information and details please see the workshop application. Decisions will be announced in May after a completion of external review and final selection by the ORS Scientific Program Committee.

[Apply for the Workshops Today](#)

You are Invited to the ORS Annual Membership Business Meeting



Please join us for the annual **ORS Membership Business Meeting** on April 17 at 7:00 am Central Time to hear about the financial performance of the ORS over the last year. You will gather virtually with fellow members to learn about, and vote on, the latest changes to ORS bylaws. Register at the link below. After registering, you will receive a confirmation email containing information about joining the webinar.

[Register Today](#)

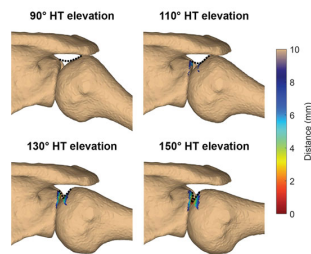
Recent Journal Articles

Secreted Phosphoprotein 24 kD (Spp24) Inhibits the Growth of Human Osteosarcoma Through the BMP-2/Smad Signaling Pathway

A study published in the *Journal of Orthopaedic Research* has identified a bone matrix protein called Secreted phosphoprotein 24 kD (Spp24) that may help to treat osteosarcoma, the most common type of bone cancer.



Rotator cuff internal impingement



From the article by Lawrence et al., page 724

WILEY
DISCOVER

In experiments conducted in cells and mice, investigators found that Spp24 inhibits the proliferation and invasiveness of osteosarcoma tumor cells and promotes their apoptosis, or death. Mechanistically, Spp24 binds to and neutralizes a protein called bone morphogenetic protein 2, which has tumor enhancing properties.

[Read the Article](#)

The Leading Scholars of Tomorrow to Gather at CSCDP 2023

2023

September 21-23, 2023
Illinois

CLINICIAN SCHOLAR CAREER DEVELOPMENT PROGRAM

CSCDP



The [Clinician Scholar Career Development Program](#) (CSCDP) will take place September 21-23 in Rosemont, IL. The CSCDP is a prestigious program that seeks the best and the brightest participants who are selected through a highly competitive application process. The annual training workshop is 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.

Applications to participate in the program are open now until March 31.

[Apply for the CSCDP](#)

Call for Sponsors: Leading senior faculty and decision makers will participate in the CSCDP event as well as the application review process. If your company would like to sponsor the event and get your name in front of the leading orthopaedic scholars of today and tomorrow, please contact smithterry@ors.org.

FNIH Trailblazer Prize for Clinician-Scientists



Nominations are open for the Foundation for the National Institutes of Health (FNIH) Trailblazer Prize for Clinician-Scientists. Now in its sixth year, this annual prize recognizes the outstanding contributions of early-career clinician-scientists whose work has led, or has the potential to lead to, innovations in patient care. You are invited to nominate an outstanding candidate for the award. The award comes with a \$10,000 honorarium.

Nominations are due April 14 by 5:00 pm Eastern Time.

[Nominate a Trailblazer Today](#)

Virtual Scientific Sessions from LearnORS

LearnORS



[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.

LearnORS is about to launch its 2023 series of Virtual Scientific Sessions. Weekly sessions will resume April 5 and will be available through November 15.

Register today to join us for:

Novel Turkey Model for Musculoskeletal Research

Wednesday, April 5, 2023

12:00 pm – 1:00 pm Central Time

Chunfeng Zhao, MD, Director, Mayo Biomechanics Core Facility, will discuss a novel turkey model for musculoskeletal research. The turkey, as a bipedal animal, will be introduced for consideration for use in several areas of research including flexor tendon injury, compartment syndrome, rotator cuff tear, digit/limb transplantation, and spine related research.

Organized by the ORS Preclinical Models Section

[Register Today](#)

Those who have an idea for a future Virtual Scientific Session should speak with their section or committee leaders about eligibility and the application process.

Mark Your Calendar!

Conversations with Kurt

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Novel Turkey Model for Musculoskeletal Research

Virtual Scientific Session Presented by LearnORS

April 5, 2023

12:00 pm - 1:00 pm Central Time

ORS Membership Business Meeting

April 17, 2023

7:00 am Central Time

Virtual Meeting

50th International Musculoskeletal Biology Workshop

July 22 - 26, 2023 Zermatt Utah Resort & Spa
Midway, Utah

2023 Clinician Scholar Career Development Program (CSCDP)

September 21 - 23, 2023

Rosemont, Illinois

ORS 2024 Annual Meeting

February 2 - 6, 2024

Long Beach, California

Information and Registration Coming this Summer



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