



v. 02.27.26 Subject to Change

FRIDAY | March 27

7:00 AM	7:30 PM	Registration
8:00 AM	4:00 PM	The Art of Grant Writing Workshop
9:00 AM	3:00 PM	Open Door
8:00 AM	4:00 PM	Orthopaedic Trauma Association (OTA) Workshop - Separate Registration Required
12:00 PM	6:00 PM	Speaker Ready Room
2:00 PM	6:00 PM	Poster Session 1 Poster Pick-up/Set-up and Exhibitor Set-up
1:00 PM	3:45 PM	Spine Research Section Symposium - Looking Back, Looking Forward
2:00 PM	4:30 PM	Preclinical Models Research Section and International Section of Fracture Repair Workshop: Addressing Overlooked Variables in Preclinical Fracture Repair Research for Improved Translation
2:00 PM	6:00 PM	International Consensus Meeting on Preclinical Models of Osteoarthritis
2:30 PM	4:00 PM	Orthopaedic Implants Research Section Workshop: Advances and Remaining Challenges in Diagnosing, Treating and Mitigating Orthopaedic Implant Infection
4:00 PM	7:30 PM	Spine Research Section 10 Year Anniversary Celebration
7:00 PM	8:30 PM	Tendon Networking Event
7:00 PM	9:00 PM	ORS Annual Meeting Welcome Reception

SATURDAY | March 28

6:30 AM	5:30 PM	Registration
7:00 AM	9:30 AM	Poster Session 1 Pick-up/Set Up
7:00 AM	5:30 PM	Speaker Ready Room
8:00 AM	9:30 AM	Opening Plenary - Presidential Address and Keynote speaker Dr. Tynan
9:30 AM	8:00 PM	Exhibit and Poster Hall Open
9:30 AM	10:00 AM	AM Networking Break
10:00 AM	11:00 AM	Spotlight - Synovial Fibroblasts and Inflammatory Pathways in Osteoarthritis (featuring Tristan Maerz)
10:00 AM	11:00 AM	Spotlight - A Focus of Different Aspects of the Wrist (featuring Trey Crisco)
10:00 AM	11:00 AM	Osteocyte and Osteoblast Regulation of Bone Homeostasis
10:00 AM	11:00 AM	Rotator Cuff and Lambrum Pathology
10:00 AM	11:00 AM	Hip Fractures Across the Lifespan
11:15 AM	12:15 PM	Spotlight - From Molecules to Movement: Mechanobiology of the Skeleton (featuring Joel Boerckel)
11:15 AM	12:15 PM	Sex Differences in Knee Pathology
11:15 AM	12:15 PM	Skeletal Muscle - Disease, Growth and Aging
11:15 AM	12:15 PM	Functional Spine Biomechanics: Insights from Imaging and Motion Analysis
11:15 AM	12:15 PM	Structural Hip Deformity
11:45 AM	1:15 PM	Standing on the Shoulders of Giants: A Mentor-Mentee Luncheon
12:15 PM	1:00 PM	Networking Lunch
12:15 PM	1:30 PM	Industry Innovations in MSK Health Lunch and Learn
12:15 PM	1:30 PM	Interested in Advancing Pediatric Musculoskeletal Research?

1:00 PM	3:00 PM	Tendon Research Section Scientific Meeting: Can We Grow Tendons on a Chip? New Approach Methods (NAMs) in the Tendon Field
1:00 PM	3:00 PM	ORS International Section of Fracture Repair Scientific Meeting: Innovations in Minimally Invasive Assessment of Bone Repair: From Mechanisms to Medicine
1:00 PM	2:30 PM	Workshop: 6 Degree-of-Freedom Robotic In Vitro Joint Testing: Novel Techniques for Answering Clinical Questions
1:30 PM	3:30 PM	Meniscus Research Section Scientific Meeting: Knee Deep in Debate: Meniscus vs. Articular Cartilage: Which is Tougher to Regenerate?
1:45 PM	3:45 PM	Orthopaedic Implants Research Section Scientific Meeting: Do We Need New Materials for Orthopaedic Implants?
2:00 PM	3:30 PM	Symposium: Guest Nation Italy - Towards Future Orthopaedics
2:15 PM	3:15 PM	Workshop: Next generation of Biomedical Devices and Wearables in Orthopedic
2:45 PM	3:45 PM	From Bench to Bedside: The Journey of an Idea
4:00 PM	5:00 PM	Spotlight - Species Models of Tendon Disease (featuring Heidi Reesink)
4:00 PM	5:00 PM	NIRA - Models and Imaging
4:00 PM	5:00 PM	Meniscus Mechanobiology and Repair
4:00 PM	5:00 PM	Education - From Patients and Physicians to Training the Next Generation of Researchers
4:00 PM	5:00 PM	Clinical Research - Health Equity
5:15 PM	6:15 PM	Spotlight - Artificial Intelligence In Arthroplasty Surgery (featuring Nicolas Piuze)
5:15 PM	6:15 PM	Ion Channel and Steroid Pathways in Chondrocytes and Joint Degeneration
5:15 PM	6:15 PM	NIRA - Therapeutics
5:15 PM	6:15 PM	Arthroplasty Outcomes in Clinical Research
5:15 PM	6:15 PM	Imaging Techniques for Bone and Cartilage
6:30 PM	7:30 PM	Business Innovation Poster Session
6:30 PM	8:00 PM	Poster Session 1 Poster Viewing and Reception
7:00 PM	8:30 PM	Meniscus Research Section 10 Year Anniversary Celebration
7:30 PM	8:30 PM	ISFR Networking Event
7:30 PM	9:00 PM	Pride@ORS Social
7:30 PM	9:00 PM	Skeletal Muscle Section Reception
7:30 PM	10:30 PM	Council of Presidents Dinner - Invitation Only
SUNDAY March 29		
7:00 AM	6:00 PM	Registration Open
7:00 AM	9:00 AM	Asian Leadership Forum (ALF) Breakfast
7:00 AM	5:30 PM	Speaker Ready Room Open
8:00 AM	9:00 AM	Spotlight -Tendon Structure and Function (featuring Stephanie Cone)
8:00 AM	9:00 AM	Spotlight How Next-Generation Implants Can Shift Orthopaedic Practice (featuring Valentin Antoci)
8:00 AM	9:00 AM	Molecular and Cellular Mechanisms Regulating Bone Remodeling, Disease and Repair
8:00 AM	9:00 AM	Clinical Research Methods
8:00 AM	9:00 AM	Injury and Healing Studies in Clinical Research
9:15 AM	10:15 AM	Spotlight - Biomechanics and Predictive Modeling of Skeletal Tissue Health (featuring Stefaan Verburggen)
9:15 AM	10:15 AM	A Focus on Translational Research
9:15 AM	10:15 AM	NIRA - Arthritis and Sequelae
9:15 AM	10:25 AM	Scoliosis and Degenerative Spine Conditions: Predicting and Improving Outcomes
9:15 AM	10:25 AM	Hip and Knee Arthroplasty - Kinematics and Computational Modeling
10:00 AM	5:00 PM	Exhibit and Poster Hall Open
10:15 AM	11:15 AM	AM Break and Networking

10:15 AM	11:15 AM	Future Faculty Poster Presentations
10:15 AM	11:15 AM	Postdoctoral Fellow Poster Presentations
10:35 AM	10:45 AM	Innovation Theater Presentation - Scintica
11:00 AM	12:30 PM	Sunday Plenary - ORS Achievement and Collaboration Award and Fireside Chat with Dr. Frederick
12:30 PM	1:15 PM	Lunch and Networking
12:30 PM	1:30 PM	Black Orthopaedic Research Network (BORN) Luncheon
12:45 PM	1:45 PM	NIH-NIAMS Forum
1:15 PM	2:15 PM	Diversifying Funding Streams to Build Your Research Portfolio
1:15 PM	2:15 PM	Industrial Career Roundtable
1:15 PM	3:15 PM	Preclinical Models Research Section Scientific Meeting: Animal Models of Orthopedic Infection: Design, Relevance and Translational Value
1:15 PM	3:15 PM	Strategies of Clinical Research Section Scientific Meeting: Current Applications and Challenges of Artificial Intelligence Technologies in Musculoskeletal Clinical Research
2:30 PM	3:30 PM	Advocating for Impact: Shaping Public Policy and Funding the Future of Orthopaedic Research
2:30 PM	4:00 PM	Workshop: Advanced Concepts of Non-union Treatment – Strengthening Transatlantic Exchange
2:30 PM	4:00 PM	Symposium: Bridging the Gaps - Unmet Clinical Needs in Military Orthopaedic Care-Society of Military Orthopaedic Surgeons (SOMOS - Guest Clinical Society)
2:30 PM	4:00 PM	Workshop: Aligning the Future: The Role of Osteotomies for Knee Preservation
2:30 PM	4:00 PM	Tools for Managing Stressors in a World of Uncertainty
4:15 PM	5:15 PM	Spotlight - CRISPR Driven Strategies in Biomaterials and Regenerative Tissue Repair (featuring Tomas Gonzalez-Fernandez)
4:15 PM	5:15 PM	The Role of Synovium in the Development of Osteoarthritis
4:15 PM	5:15 PM	Advances in Knee Mechanics: Modeling, Morphology, and Joint Loading
4:15 PM	5:15 PM	NIRA - Development and Repair
4:15 PM	5:15 PM	Resident and Fellow Research
5:00 PM	7:00 PM	Poster Session 1 Dismantle
5:30 PM	7:00 PM	Undergraduate Poster Reception
5:30 PM	6:30 PM	RIG: Skeletal Muscle - Breakthrough Biomaterials for Functional Skeletal Muscle Regeneration Following Trauma
5:30 PM	7:00 PM	RIG: Bone Quality - Accurate Assessment of a Patient's Fracture Risk
5:30 PM	7:00 PM	RIG: Peripheral Nervous System - Peripheral Nerve Injury, Disease, and Repair
5:30 PM	7:00 PM	RIG: Foot and Ankle
5:30 PM	7:00 PM	RIG: Musculoskeletal Infection-What Will it Take to Defeat Biofilms? Translating Scientific Insight to Clinical Impact
6:30 PM	8:00 PM	Women's Leadership Forum (WLF) Reception
7:00 PM	9:30 PM	ORS Awards Celebration
MONDAY March 30		
7:00 AM	10:00 AM	ICORS Meeting
7:00 AM	10:00 AM	Poster Session 2 Poster Pick-up/Set up
7:00 AM	5:30 PM	Registration
7:00 AM	5:30 PM	Speaker Ready Room
8:00 AM	9:00 AM	Spotlight - Multidisciplinary Approaches for Complex Bone Defect Repair (featuring Katherine Hixon)
8:00 AM	9:00 AM	NIRA - Disc, Meniscus and Tendon
8:00 AM	9:00 AM	Mechanisms and Novel Interventions in Knee Osteoarthritis
8:00 AM	9:00 AM	Shoulder Arthroplasty
8:00 AM	9:00 AM	Ankle Pathology and Mechanics
9:15 AM	10:15 AM	Monday Plenary - AAOS Orthopaedic Research Excellence Awards (OREA) and OREF Awards

10:00 AM	6:30 PM	Exhibit and Poster Hall Open
10:15 AM	10:45 AM	AM Break and Networking
10:45 AM	11:45 AM	Spotlight - Spine Pathobiology: From Signaling Pathways to Cell-Based Therapies (featuring Gianluca Vadala)
10:45 AM	11:45 AM	Mechanistic Insights into Bone Healing
10:45 AM	11:45 AM	New Perspectives in OA Treatment
10:45 AM	11:45 AM	Complications in Arthroplasty
10:45 AM	11:45 AM	Surgical Intervention Studies
11:45 AM	1:00 PM	Lunch & Networking (on your own)
11:45 AM	1:00 PM	Discover, Connect, Engage with ISFR
1:00 PM	2:00 PM	Meet the Program Officers
1:00 PM	2:30 PM	Symposium: New Approaches for Reducing the Use of Animals for Developing Musculoskeletal Technologies
1:00 PM	2:30 PM	Workshop: Osteoarthritis Doesn't Kill You, But...
1:00 PM	3:30 PM	Business Innovation Competition
1:45 PM	3:15 PM	Meniscus Research Section Workshop: Advancing Standardization in Meniscus Research
2:00 PM	3:30 PM	Workshop: Decoding Musculoskeletal Pain: Advances in Imaging and Translational Tools for the IVD, TMJ, and Knee
2:15 PM	3:15 PM	Innovating Beyond the Battlefield-Rehabilitation, Technology Integration, and the VA Patient
2:15 PM	3:15 PM	A Fork in the Road: Mid-career Decisions that Shape your Career Trajectory
3:30 PM	4:30 PM	Multi-Organ Crosstalk Across the Musculoskeletal System
3:30 PM	4:30 PM	Hip and Knee Arthroplasty - Implant Fixation and Materials
3:30 PM	4:30 PM	Muscle Injury and Regeneration
3:30 PM	4:30 PM	Three-Dimensional Analysis and Achilles Tendon Rupture
3:30 PM	4:30 PM	Business Innovation Competition - Networking
3:30 PM	4:40 PM	Late Breaking Podium
4:45 PM	6:15 PM	Poster Session 2 Poster Viewing and Reception
6:30 PM	8:00 PM	RIG: Bridging Disciplines to Find Solutions for Osteoarthritis
6:30 PM	8:00 PM	RIG: Stem Cell s- MSC Reality Check: What's Working, What's Not, and What's Next?
6:30 PM	8:00 PM	RIG: Education and Outreach-Developing Educational Programs in Orthopaedics: From Inception to Publication
6:30 PM	8:00 PM	RIG: Digital Twins: Accelerating Innovation in Orthopaedic Research
6:30 PM	8:00 PM	Exhibitor Dismantle
7:30 PM	12:00 AM	JOR Celebration
9:00 PM	11:00 PM	ORS Annual Meeting Closing Celebration
TUESDAY March 31		
7:00 AM	8:00 AM	Incoming Board of Directors Breakfast (Invitation Only)
7:00 AM	10:00 AM	Speaker Ready Room
7:30 AM	1:00 PM	Registration Open
8:00 AM	1:00 PM	Poster Hall Open
8:00 AM	9:00 AM	Tendon Development and Injury
8:00 AM	9:00 AM	Sexual Dimorphisms and Hormones in OA and Joint Tissues
8:00 AM	9:00 AM	Clinical Outcomes in Arthroplasty
8:00 AM	9:00 AM	Intervertebral Disc - Degeneration and Pain
8:00 AM	9:00 AM	Infection - Biomarkers and Outcomes/Treatment and Therapeutics
9:15 AM	10:15 AM	Therapeutic Approaches to Osteoarthritis
9:15 AM	10:15 AM	Novel Biomaterials for Hard and Soft Tissue Repair and Clinical Applications
9:15 AM	10:15 AM	Clinical Research in Spine
9:15 AM	10:15 AM	Tumors - Crosstalk in Cancer
9:15 AM	10:15 AM	Intervertebral Disc - Regenerative Strategies and Mechanics

10:15 AM	10:45 AM	Break and Networking
11:00 AM	12:30 PM	Closing Plenary - ORS Incoming Presidential Address; Debate and NIRA/Section Awards
1:00 PM	2:00 PM	Poster Session 2 Dismantle