By partnering with ORS your organization will:

- advance musculoskeletal research worldwide
- promote, award, and inspire musculoskeletal research
- support any of your employees, who are members of the society
- facilitate innovation and inspire new ideas
- support diversity, inclusion, and outreach

**Why ORS?**

The ORS is the home to a global community of engineers, clinicians and biologists who are dedicated to the advancement of musculoskeletal research. The research of our members, along with the contributions of our corporate partners, plays a vital role in the future of the orthopaedics.

The ORS Annual Meeting has long been recognized as the forum to present the most innovative and cutting-edge research in the field. In addition, the Annual Meeting provides opportunities to develop crucial research skills, learn the latest industry developments, establish collaborations, and provides professional growth and advancement for researchers at any stage of their careers.

### 2016/2017 ORS CORPORATE PARTNERS PROGRAM

**How can ORS help you reach your organization’s goals and mission?**

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### Areas of Research Interest Include

- **Biomaterials**: Bone, Cartilage, Fibrocartilage, Tendon and Ligament, Other Cartilage, Synovium & Osteoarthritis, Aging, Cell and Molecular Imaging, Cytokines, Inflammation, Gene Therapy, Genetics, Genomics, Proteomics, Growth Plate and Endochondral Ossification, Matrix Degradation, Matrix Proteins, Collagen, and Proteoglycans, Mechanics, Mechanobiology, Osteoarthritis (Clinical and Therapies), Post Traumatic OA, Progenitors and Stem Cells, Tissue Engineering and Repair, Focal Defect Repair
- **Meniscus** Biology, Mechanics, Tissue Engineering and Repair, Tendon/Ligament Cell Biology, Mechanics, Progenitors and Stem Cells, Repair and Tissue Engineering
- **Muscle** Biology, Mechanics, Bone Aging, Osteoblasts, Osteoclasts, Genomics and Proteomics, Matrix Proteins, Bone Mechanics, Computational Modeling, Bone Osteocytes and Mechanobiology, Osteoporosis, Metabolic Bone Disease, Biomarkers, Progenitors, and Stem Cells, Skeletal Development, Bone Tissue Engineering and Repair
- **Bone Fracture** Biology, Biomechanics/Clinical, Mechanics and Computational Modeling, Repair, Therapeutics

### Clinical/Anatomical Topics

- **Hip and Knee Arthroplasty**: Clinical Outcomes Research, Computational Modeling, Finite Element Analysis, Implant Fixation, Implant Wear, Infection, Kinematics, Osteoarthritis and Adverse Soft Tissue Reaction, Polyethylene and Biomaterials, Surgical Navigation Outcomes and Robotics
- **Knee** Computational Modeling, Kinematics and Gait, Knee Ligament, Mechanics, Surgical Repair and Rehabilitation, Hip Disease Process, FAI and Morphology, Mechanics, Kinematics, Spine, Biology, Mechanics, Computational Modeling, Disc Biology, Disc Mechanics, Disc, Tissue Engineering and Repair, Peripheral Nerve and Spinal Cord Injury, Scoliosis, Spine Therapeutics
- **Hand, Wrist and Elbow**: Bone, Infection and Trauma, Mechanics, Reconstruction, Soft Tissue and Nerve
- **Foot and Ankle**: Adult Infection and Trauma, Mechanics, Pediatric, Reconstruction and Arthroplasty, Infection, Trauma, Clinical Outcome, Methodologies, Pathophysiology
- **Trauma**: Clinical Outcome, Methodologies, Pathophysiology
- **Cancer, Tumors**: Bone Tumors, Soft Tissue, Osteosarcoma
- **Diagnostic Imaging**: Biomarkers, Bone, Cartilage, Articular and Meniscal, Muscle, Nerve, Vascularization, Novel and Functional Imaging, Artifacts

### Support Education

- **Scientific Workshops**: Seeking a total support of $150,000
  - ORS scientific workshops are the highest attended educational programs offered at the Annual Meeting, and cover a wide variety of topics of interest to our diverse research community.
- **ORS Clinical Research Forum**: Seeking a total support of $7,500
  - The 2017 ORS Clinical Research Forum brings together key clinical research leaders to focus on two areas of research. The first session on Biomedical Research includes talks on barriers to translation to clinical practice, the commercialization process, funding sources, and conflicts of interest in clinical research. The second session on Clinical Research Training in Orthopaedics includes talks on key principles in orthopaedic research, measurements in clinical research, mitigation bias in clinical studies, and knowledge translation.
- **ORS Online Education/Webinar**: Seeking a total support of $6,000
  - ORS online education/webinars offer members and non-members the opportunity to learn from experts in the field with just a few clicks of the mouse. On average, the ORS hosts 6 webinars each year which are marketed to over 6,000 musculoskeletal researchers. Previous scientific online education topics have focused on research related to spine, meniscus, and gait analysis. ORS also offers a professional development series focusing on funding, FDA related topics, abstract writing skills, and empowering women. Your company logo will be linked to your website. It will be displayed in promotions, registration, during the live event, and post event evaluation.
ORS MUSCULOSKELETAL BIOLOGY WORKSHOP
AT SUN VALLEY
Seeking a total support of $60,000
This workshop improves understanding across the many disciplines that study musculoskeletal biology and the prevention/treatment of disease. The goals of this workshop are:
1) To work toward a multidisciplinary basic and clinical synthesis of molecular, tissue and biomechanical processes in bone that help us to understand the pathogenesis of bone disease as well as its prevention and treatment.
2) To apply basic science concepts to clinical problems, and develop a dialogue between basic and clinical investigators.
3) To provide a forum for student training and the opportunity for junior scientists to talk with more senior scientists in a small group setting.

ORS ANNUAL MEETING ONLINE ABSTRACT SEARCH
$15,000 for a 12-month ad
Each year, over 2,000 abstracts are presented at the ORS Annual Meeting. The abstracts are accessed by ORS members throughout the year. Your logo will be prominently displayed on the main online abstract search main page

ORS ANNUAL MEETING MOBILE APPLICATION
$10,000
This smart-phone friendly tool provides quick, all-access information to meeting attendees including session schedules and listings, speakers’ information, the ability to connect with others, and so much more. As the sponsoring organization, your company name will appear on the main screen of the mobile app.

ORS/OREF GRANT WRITING COURSE
Seeking a total support of $8,000
This full-day course is designed for new basic and clinical investigators who are in the process of writing their first grant proposal. We all know that there is a lot of competition for a limited amount of funds. Your support can help ensure those grants go to those in the orthopaedic community. The course will include a mock study section which is always the highlight of the day and provides insight to what is involved in the grant review process.

ORS/OREF TRAVEL GRANTS IN ORTHOPAEDIC RESEARCH TRANSLATION
Seeking a total support of $15,000
Five (5) travel grants recognize clinician scientists and clinical investigators in the early stages of their career who have played a key or leading role in an original research project in clinical or translational medicine, and who have demonstrated excellence in training and a commitment to orthopaedic research.

ORS/OREF COLLABORATIVE EXCHANGE GRANT
Seeking a total support of $10,000
This grant provides investigators an opportunity to visit a research lab for the purpose of collaboration, knowledge exchange, and facilitate the exchange of new research methodologies and techniques. The grant can be used towards travel, accommodations, and living costs.

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ORSA can help you achieve your goals for diversity, inclusion, and outreach by supporting the following five (5) activities. Seeking a total support of $15,000

1. ORS VIDEO OUTREACH INITIATIVE
The ORS Video Outreach Competition encourages orthopaedic researchers to educate the public and media about significant musculoskeletal research topics in innovative, accessible, understandable and fun ways. The theme of this year’s competition is Explain Orthopaedic Research to the General Public.

2. PERRY INITIATIVE
The Women’s Leadership Forum (WLF) hosts the Perry Initiative during the ORS Annual Meeting. 30 high school students will join members of the ORS community for a hands-on day of exploring orthopedic surgery and engineering. The students attending this event have the opportunity to learn how to casts, perform a spinal fusion and place IM nails among other activities. Through this activity, members of the WLF along with the Perry Initiative hope to inspire girls to enter the fields of orthopaedics and engineering and to change the future of clinical care.

3. WOMEN’S LEADERSHIP FORUM COLLABORATION RECEPTION
Celebrate women in science! Members of the ORS Women’s Leadership Forum (WLF) and ORS Annual Meeting attendees celebrate women in science. This reception is an excellent opportunity to discuss the challenges facing today’s female scientists. The Women’s Leadership Forum Award recipient will be honored for her role as an outstanding mentor to fellow female scientists.

4. CONNECTING FOR COLLABORATION: A NETWORKING EVENT FOR EARLY CAREER INVESTIGATORS
This event for early career investigators provides the opportunity to meet colleagues, engage in conversation, and learn more about the ORS research community. This program encourages new collaborations which will open the door to new discoveries and opportunities in a career as a musculoskeletal investigator.

5. NETWORKING ACROSS GLOBAL BOUNDARIES
This program provides an opportunity to increase creativity in global research thinking and collaboration. This is a great way for the early career investigator who is forming their research questions, seeking connections with mentors, and strong collaborations. Designed to generate engaging and exciting conversation and interactions!

ORS KEYNOTE SPEAKER - RESERVED
The ORS is proud to welcome Jennifer Doudna, PhD, as this year’s keynote speaker. Prof. Doudna is the Li Ka Shing Chancellor’s Chair in Biomedical and Health Sciences at UC Berkeley and an Investigator of the Howard Hughes Medical Institute. Her research seeks to understand how RNA molecules control the expression of genetic information. This research led to insights about CRISPRCas9-mediated bacterial immunity that enabled this system to be harnessed for efficient genome engineering in animals and plants, creating a transformative technology that is revolutionizing the fields of genetics, molecular biology and medicine.

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