



2022 ANNUAL MEETING

ACCELERATING MUSCULOSKELETAL DISCOVERY

February 4–8, 2022 • Tampa, Florida



ORS Orthopaedic Implants Research Section Symposium*

Computational Modeling to Support Implant Design and Evaluation and Clinical Decision Making – Practical Considerations on Model Credibility

Friday, February 4, 2022

1:00 PM – 6:00 PM

Tampa Convention Center, Rooms 11-13

Powered by:



Researchers who are active in translational applications of computational modeling and simulation (CM&S), or who collaborate with and use models from such researchers, are encouraged to attend.

Culminating from 3 [virtual scientific sessions](#) held in 2021, this program will include:

- High level review of key points from the virtual scientific sessions, including model risk, verification, and validation. [Check out the recordings.](#)
- Presentation of specific case studies by participants that highlight aspects of risk-informed model credibility
- Keynote presentation on a state-of-the-art application of modeling in support of implant design
- Rapid-fire talks focusing on modeling to support translational research

Agenda

1:00 PM – 2:20 PM	Welcome and Introduction Regulatory/Clinical Perspectives on the Importance of Modeling
2:20 PM – 3:05 PM	Case Studies
3:05 PM – 3:20 PM	Symposium Break
3:20 PM – 4:20 PM	Keynote Speaker: Richie Gill, PhD , University of Bath
4:20 PM – 4:50 PM	Case Studies
4:50 PM – 5:05 PM	Symposium Break
5:05 PM – 6:00 PM	Rapid Fire Talks Featuring invited presentations focused on modeling to support translational research
	Experimental Considerations
	Symposium Wrap Up

With support provided by:



*Pre-registration for this program is required.

Please use this space for symposium notes below.

Names in bold are ORS Orthopaedic Implants Research Section members.

***Interested in learning more about the ORS Orthopaedic Implants Research Section?
Stop by the ORS Lounge in the poster/exhibit hall or visit <https://www.ors.org/ors-orthopaedic-implants-section/>.***