

# THE THOMPSON LABORATORY FOR REGENERATIVE ORTHOPAEDICS AND THE MISSOURI ORTHOPAEDIC INSTITUTE

PROUDLY PRESENT



## THE 21<sup>ST</sup> ANNUAL Comparative Orthopaedics Day

**FRIDAY, APRIL 16, 2021**

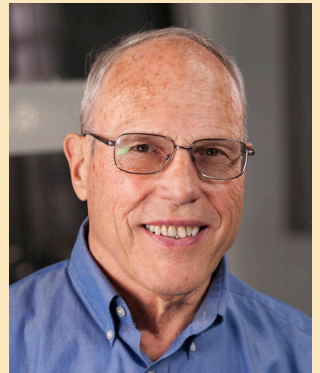
Missouri Orthopaedic Institute  
Thompson Laboratory Conference Center  
1100 Virginia Avenue, Columbia, Missouri

*Comparative Orthopaedics Day was developed in 2001 by the University of Missouri School of Medicine's Department of Orthopaedic Surgery to provide scientists and clinicians a forum to present and discuss orthopaedic research.*

### ABOUT OUR SPEAKER

We're honored and excited to welcome Dr. Lewis Zirkle to deliver the Littlejohn Family keynote address for the 21st Annual Comparative Orthopaedics Day.

After graduating from medical school and beginning his orthopaedic residency at Duke, Dr. Zirkle was drafted and served in the U.S. Army as a commanding officer in Vietnam, during which he was awarded the Bronze Star. The Vietnam War had a profound impact on Dr. Zirkle, and after establishing a thriving orthopaedic practice, Zirkle was drawn back to Vietnam and Southeast Asia, donating his time to teach orthopaedics to local surgeons. In 1986, at the bedside of a patient in Indonesia, he had an epiphany and made a promise to find a way to properly treat fractures in the developing world. Since that day, Dr. Zirkle has dedicated his life to this promise and has impacted more than 300,000 patients around the world by creating the SIGN Fracture Care International program, which developed innovative implants that can be used effectively by orthopaedic surgeons in very remote areas of the world. The program helps train doctors how to use the implants and provides them at no charge to patients in need. The SIGN program has had an incredible impact around the globe, and deservedly, Dr. Zirkle has received the highest praise and recognition in our field, and beyond, including the Kiwanis World Service Medal, Duke Humanitarian Award, American Red Cross Real Heroes Award, Jefferson Award and the Department of Defense Medal for Distinguished Public Service. He believes patients around the world deserve equal care and the chance to live productive, healthy lives, and he has dedicated his life to making this happen for as many as possible.



LEWIS ZIRKLE, MD

**SPONSORED BY THE LITTLEJOHN FAMILY ENDOWMENT SINCE 2009**

**REGISTRATION IS FREE.** Register to attend by emailing [reevesks@health.missouri.edu](mailto:reevesks@health.missouri.edu).  
Parking is available in Parking Structure 7, located on the corner of Virginia Avenue and Monk Drive.



THE 21<sup>ST</sup> ANNUAL

# Comparative Orthopaedics Day

MISSOURI ORTHOPAEDIC INSTITUTE

Thompson Laboratory Conference Center

## SCHEDULE OF EVENTS

**FRIDAY**

APRIL 16, 2021

The Office of Continuing Education, School of Medicine, University of Missouri is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Office of Continuing Education, School of Medicine, University of Missouri designates this live educational activity for a maximum of 4.67 AMA PRA Category 1 Credits™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

<b>9 A.M.</b>	<b>OPEN</b>	<b>COOK</b>
<b>9:05 A.M.</b>	<b>KEYNOTE LECTURE VIDEO:</b> <i>Creating Equality of Fracture Care Throughout the World</i>	<b>ZIRKLE</b>
<b>9:45 A.M.</b>	<b>BREAK</b>	
<b>10 A.M.</b>	<i>Mizzou BioJoint® – Where We Are and Where We’re Going</i>	<b>STANNARD</b>
<b>10:20 A.M.</b>	<i>MU Joint Health Program – What, Why and Initial Results</i>	<b>RUCINSKI</b>
<b>10:40 A.M.</b>	<i>Functional Weight Bearing Assessment of Knee Motion With the Mizzou Knee Arthrometer Testing System</i>	<b>GUESS</b>
<b>11 A.M.</b>	<i>Clinical Evaluation of the Mizzou BioJoint® Flex Device</i>	<b>COOK</b>
<b>11:20 A.M.</b>	<i>Hyperosmolar Saline: Making Arthroscopy Safer</i>	<b>OLADEJI</b>
<b>12-2 P.M.</b>	<b>LUNCH/CATCH-UP BREAK</b>	
<b>2 P.M.</b>	<i>Serum and Urine Protein Biomarkers for Early Diagnosis of Hip Dysplasia</i>	<b>BOZYNSKI</b>
<b>2:20 P.M.</b>	<i>Evaluation of Serum and Urine Protein Biomarkers for Developmental Dysplasia of the Hip</i>	<b>WOLFE</b>
<b>2:40 P.M.</b>	<i>Does the Upper Thoracic Curve Correct When Instrumenting Only the Main Thoracic Curve in Lenke 2A Patients Treated with Vertebral Body Tethering</i>	<b>BOEYER</b>
<b>3 P.M.</b>	<i>Intervertebral Disc Health and Patboanatomy Changes Observed Two Years Following Anterior Vertebral Body Tethering</i>	<b>WORLEY</b>
<b>3:20 P.M.</b>	<i>Telehealth Reduces Non-Attendance in Orthopaedic Clinics</i>	<b>SPENCE</b>
<b>3:40 P.M.</b>	<i>Physical Therapy on Postoperative Day Zero After Lumbar Spine Surgery Decreases Length of Stay</i>	<b>MANNING</b>
<b>4 P.M.</b>	<b>CLOSE</b>	<b>COOK</b>



Health Care