

# WACBE WEBINARS

WEBINAR SERIES HOSTED BY

WORLD ASSOCIATION FOR  
CHINESE BIOMEDICAL ENGINEERS

## SATURDAY: DECEMBER 19, 2020

NOTE NEW TIME! 9:00 AM (New York) | 2:00 PM (London) | 3:00 PM (Europe) | 10:00 PM (Beijing)

REGISTER @ [BME.COLUMBIA.EDU](http://BME.COLUMBIA.EDU)

### DISTINGUISHED BIOMEDICAL ENGINEERING WEBINAR



#### “Hand Biomechanics and Clinical Translation”

Zong-Ming Li, PhD  
University of Arizona

#### ABOUT THE WEBINAR

The human hand is an engineering marvel with intricate anatomy and extraordinary function. It is also susceptible to a plethora of musculoskeletal and neuromuscular conditions such as fracture, arthritis, tendon injury, ligament tear, neuropathy, stiffness, muscle imbalance, joint instability, and functional deficit. Biomechanics has great translational capabilities for musculoskeletal problems in diagnosis, evaluation and treatment. This lecture will cover hand and wrist biomechanics research with clinical applications to carpal tunnel syndrome and arthritis.

#### ABOUT THE SPEAKER

##### Zong-Ming Li, PhD

*William and Sylvia Rubin Chair of Orthopaedic Research; Professor of Orthopaedic Surgery and Biomedical Engineering; Vice Chair for Research, Department of Orthopaedic Surgery; Associate Director, University of Arizona Arthritis Center; Director, Robert G. Volz, MD, Orthopaedic Research Laboratories; Director, Hand Research Laboratory  
Department of Orthopaedic Surgery, University of Arizona*

Zong-Ming Li, PhD, is currently the William and Sylvia Rubin Endowed Chair of Orthopedic Research at the University of Arizona, and a Professor of Orthopedic Surgery and Biomedical Engineering. Dr. Li is the Vice Chair for Research in Department of Orthopedic Surgery, Director of Robert G. Volz, MD Orthopedic Research Laboratories, Associate Director of University of Arizona Arthritis Center, and Director of the Hand Research Laboratory. Dr. Li has more than two decades of experience in the musculoskeletal field with a particular research focus on hand and upper extremity. Dr. Li was elected to the College of Fellows of the American Institute for Medical and Biological Engineering (AIMBE) in recognition of his “seminal contributions to hand and wrist biomechanics that impact better outcomes for patients with carpal tunnel syndrome”. Dr. Li has been an enthusiastic supporter of WACBE since its formation and served as the President from 2013-2015.