



Dr. Giovanni F. Solitro is an Associate Professor and the Director of Biomechanics Research and Education in the Department of Orthopaedic Surgery. He also serves as the Co-Director of the Research Distinction Track at the School of Medicine at Louisiana State University Health in Shreveport. He earned his first PhD in Mechanical Engineering from the University of Salerno (Italy) in 2010, with a dissertation focused on patient-specific modeling of the human spine. Subsequently, he completed his postdoctoral training at the University of Illinois at Chicago (UIC) in 2015. Dr. Solitro continued his research at the UIC Department of Orthopedics, holding the position of Senior Research Specialist, while also pursuing a second PhD in Mechanical Engineering at the same institution. His research efforts are dedicated to the development of orthopedic implants, innovative surgical

techniques, and training methods. He has authored more than fifty peer-reviewed manuscripts in the fields of orthopedics and biomedical engineering. His work has gained recognition, including being featured on the covers of the Journal of Orthopaedic Research and Arthroscopy. Dr. Solitro's contributions have earned him prestigious awards, notably the 2015 Hand and Wrist Biomechanics International Triennial Symposium Award. In addition to his research and accolades, Dr. Solitro serves as an Associate Editor for Medical & Biological Engineering & Computing and Pathophysiology. He also chairs the Southern Biomedical Engineering Conference and is a board member of the Journal of Arthroplasty and Frontiers in Mechanical Engineering. To date, he has contributed to the invention of 17 patent applications.

Recent information and contacts are available on his LinkedIn and ResearchGate profiles:

<https://www.linkedin.com/in/gianfrancosolitro/>

<https://www.researchgate.net/profile/Giovanni-Solitro>

Media coverage:

<https://www.lsu.edu/research/news/2022/0406-lsuhs-biomechanics.php>

<https://www.shreveporttimes.com/story/news/local/2022/04/29/14-researchers-recognized-achievements-lsu-health-shreveport/9583827002/>