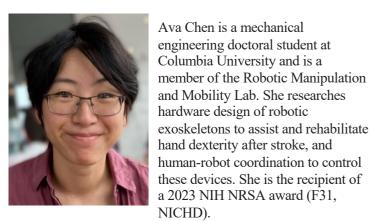
## Global Perspectives on Medicine, Rehabilitation and Robotics Webinar Series

Co-sponsored by
TC-Rehabilitation and
Assistive Robotics

September 20<sup>th</sup>, 2023, 5pm-6:00pm CAT, 10am-11:00am EST

## Robotic hand orthoses for assistance and rehabilitation after stroke

**<u>Ava Chen</u>**, MS, PhD student, Department of Mechanical Engineering, Columbia University.



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Jingxi Xu is a third-year PhD student in Computer Science at Columbia University. He works at the intersection of machine learning and robotics, with various applications in assistive robots, navigation, manipulation, etc. He has published in many top robotics conferences such as ICRA, IROS, and CoRL.

<u>Lauren Winterbottom</u>, MS, OTR/L, Research Occupational Therapist and Instructor, Department of Rehabilitation and Regenerative Medicine, Columbia University.



Lauren Winterbottom is a licensed and registered occupational therapist and Certified Stroke Rehabilitation Specialist. She collaborates on a multidisciplinary research team to develop wearable robotic hand orthoses for individuals with stroke and spinal cord injury. She is an EdD candidate in Movement Science/ Occupational Therapy at Teachers College, Columbia University.

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