



COLUMBIA UNIVERSITY  
IRVING MEDICAL CENTER

PROGRAMS IN  
PHYSICAL THERAPY

## PROGRAMS IN PHYSICAL THERAPY ANNUAL RESEARCH COLLOQUIUM



Thursday, November 20, 2025  
Roy & Diana Vagelos Education Center  
104 Haven Avenue, Room 201, New York, NY 10032

*Keynote Speaker*  
**Allison Brown, PT, PhD**  
Cervical Spine Biomechanics in Sport:  
Implications for Concussion Risk and Prevention

4:00 PM - 4:10 PM	<b>Welcome Remarks</b> <i>Dr. Ashwini K. Rao</i>	5:55 PM - 6:10 PM	<b>Joint mobilization to improve hip passive range of motion, gait and posture in Parkinson's Disease: An N-of-1 study</b> Presenters: <i>Jasmine Ahmed, Roy Ayash, Ella Krauss, Joanna Samuel</i> Advisors: <i>Drs. Kevin Wong and Ashwini K. Rao</i>
4:10 PM - 4:40 PM	<b>Keynote Address</b> <b>Cervical Spine Biomechanics in Sport: Implications for Concussion Risk and Prevention</b> <i>Allison Brown, PT, PhD</i> <i>Assistant Professor</i> <i>Physical Therapy &amp; Movement Science,</i> <i>Rutgers University</i>	6:10 PM - 6:25 PM	<b>Get Out of Town: Investigating Differences in Life Space Scores Between Men and Women</b> <b>75 Years Old or Older Living in Manhattan</b> Presenters: <i>Anna George, Allie Peiliker, Sydney Takeda, Annina Zelkin</i> Advisor: <i>Dr. Mahlon Stewart</i>
4:40 PM - 4:55 PM	<b>A Novel Method to Measure Ankle Proprioception in Dancers</b> Presenters: <i>Angelica Coleman, Mackenzie Gaynor, Natalie Laryea, Avery Lincoln, Anna Link, Michaela Magpile, Delaney McNamar, Meghan Schiffer, Elise Walker</i> Advisor: <i>Dr. Laurel Daniels Abbruzzese</i>	6:25 PM - 6:40 PM	<b>Turn to Perform: Rotational Hip Strength and Mobility Predict Ball Speed in Collegiate Golfers</b> Presenters: <i>Tae Chung, Dorothy Dong, Yiheng Sun, Claire Tang, Eric Velazquez</i> Advisors: <i>Drs. Rami Said and Michael Johnson</i>
4:55 PM - 5:10 PM	<b>Dance Intervention for People with Huntington's Disease</b> Presenters: <i>Ella Bergman, Marjorie Gross, Jason Tao</i> Advisor: <i>Dr. Ashwini K. Rao</i>	6:40 PM - 6:55 PM	<b>Understanding the Healthcare Transition to Adulthood for People with Pediatric Conditions: A Mapping Review</b> Presenters: <i>Andrea Boe, Michelle Krug, Kimberly Ng, Athena Politis, Rachel Stromberg</i> Advisor: <i>Dr. Samantha Sawade</i>
5:10 PM - 5:25 PM	<b>Injury Data Across One Season of Women's Intercollegiate Lacrosse</b> Presenters: <i>Gabby Gilgorri, Madison Isaak, Kayla Kaussner, Ashley Mulhare</i> Advisors: <i>Drs. Michael Johnson and Rami Said</i>	6:55 PM - 7:10 PM	<b>The Secret Weapon: Reactive Strength and Inter-Limb Power Boosts Directional Speed in Collegiate Fencers</b> Presenters: <i>Lauren Cleary, Katelyn Gonzalez, Alana Greenspan, Josephine Martinez, Adelyn O'Dell, Olivia Simms, Carrie Sun</i> Advisors: <i>Drs. Rami Said and Michael Johnson</i>
5:25 PM - 5:40 PM	<b>Understanding Upper Extremity Sleeve Tattoo Aftercare Instructions in High Movement Areas: A Mixed Methods Approach</b> Presenter: <i>Austin Davis</i> Advisor: <i>Dr. Danielle Struble-Fitzsimmons</i>	7:10 PM	<b>Closing Remarks</b> <i>Dr. Jean Fitzpatrick</i>
5:40 PM - 5:55 PM	<b>Break</b>	7:15 PM - 8:00 PM	<b>Reception</b> Roy & Diana Vagelos Education Center (VEC) Lobby