

## CURRICULUM VITAE

# GREGORY A. YODAN JR.

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### EDUCATION

- PhD 2021 (Anticipated) Movement Science  
Columbia University, New York, NY
- M.S. 2019 (Anticipated) Applied Statistics  
Teachers College, Columbia University, New York, NY
- M.A. 2017 Motor Learning and Control  
Teachers College, Columbia University, New York, NY
- B.A. 2007 Dance (Minor: Sports Sciences)  
Hofstra University, Hempstead, NY

### RESEARCH EXPERIENCE

- 2018 – Present Research Assistant, Department of Rehabilitation and Regenerative Medicine, Columbia University Medical Center, New York, NY (Principal Investigator: Dr. Kevin Wong)
- 2016 – Present Lab Manager/Lab Coordinator, Neurorehabilitation Research Lab, Teachers College, Columbia University, New York, NY (Principal Investigator: Dr. Lori Quinn)  
Research Topic: Neurological rehabilitation optimizing motor performance
- 2016 – 2017 Research Assistant, Center for Cerebral Palsy Research, Teachers College, Columbia University, New York, NY (Principal Investigator: Dr. Andy Gordon)  
Research Topic: Using kinematic analysis to examine inter-limb coordination in children with Cerebral Palsy
- 2016 Interventionist, Motor learning camp for children with CP, Teachers College, Columbia University, New York, NY  
Research Topic: Administered a motor learning-based protocol using Constraint-Induced Movement Therapy (CIMT) and Hand-Arm Bimanual Intensive Therapy (HABIT)

### GRANTS & FUNDING

1. National Center for Advancing Translational Sciences, National Institutes of Health, Grant Number UL1 TR001873. 2018, Co – Investigator. Implementing a health screening app to match people with lower limb loss at high risk for low function to personalized physiotherapy and injury prevention education. \$100,000.

**PUBLICATIONS (PEER-REVIEWED JOURNALS)**

1. Miller, A., Duff, S. V., Quinn, L., Bishop, B., **Youdan, G.**, Ruthrauff, H., & Wade, E. (2018). Development of Sensor-Based Measures of Upper Extremity Interlimb Coordination. 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. (In Press)

**POSTER PRESENTATIONS**

1. Sidiropoulos, A., Santamaria-Gonzalez, V., **Youdan, G.**, Gordon AM. Inter-limb Coordination During a Continuous Marching Task After Intensive Therapy in Children with Hemiplegic Cerebral Palsy. Poster presented at Ann Gentile Memorial Conference. New York, NY: 2016.
2. Miller, A., Duff, S. V., Quinn, L., Bishop, L., **Youdan, G.**, Ruthrauff, H & Wade, E. Quantitative Assessment of Interlimb Coordination in Persons with Hemiparesis. Poster presented at Progress in Clinical Motor Control I: Neurorehabilitation. State College, PA: 2018.
3. Poile, V., **Youdan, G.**, Sheeran, L., Quinn, L., Busse, M. & iWEAR study management group. Wearable Technologies for Assessment of Physical Activity in HD: Preliminary Analysis of Movement Variability and Wear Time. Poster present at European Huntington's Disease Network Plenary Meeting. Vienna, Austria: 2018. (Accepted)

**INVITED PRESENTATIONS**

April 2017	Speaker at conference. Academic Festival, Teachers College, Columbia University, New York, NY
November 2016	Speaker at conference. International Society for Posture and Gait Research, University of North Texas, Fort Worth, TX
March 2013	Speaker on panel. American College Dance Festival Association, Hofstra University, Hempstead, NY
October 2007	Speaker and choreography presented at conference. Queer Exoticism, Hofstra University, Hempstead, NY

**WORKSHOP & CONTINUING EDUCATION TRAINING**

2018	Science and Storytelling: Visual Narratives Workshop, Columbia University, New York, NY
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**AWARDS**

2018	Provost's Grant for Professional Development
2016 – 2017	Ann Gentile Memorial Scholarship Recipient
2016	Travel Fellow: International Society for Posture and Gait Research
2015 – 2016	Teachers College Application Scholarship Recipient
2004 – 2007	Mildred Elizabeth McGinnis Endowed Scholarship Recipient
2003 – 2007	Hofstra Presidential Scholarship Recipient
2007	American College Dance Festival Association Gala (Choreography)
2003 – 2004	Hofstra Dance Grant Recipient
2003	Ibero-American Action League Scholarship Recipient

**MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS**

2018 – Present Member, Society for Neuroscience  
 2018 – Present Member, European Huntington's Disease Network  
 2016 – Present Member, International Society of Motor Control  
 2015 – Present Member, International Society of Posture & Gait Research  
 2011 – Present Member, Pilates Method Alliance (PMA)

**TEACHING EXPERIENCE**

2017 – Present Instructor/Lecturer, Motor Learning Laboratory  
 Teachers College, Columbia University, New York, NY  
 2016 Teaching Assistant, Motor Learning Laboratory  
 Teachers College, Columbia University, New York, NY  
 (Instructor/Lecturer: Pamela Bernstein)

**GUEST TEACHING & LECTURES**

May 2018 Guest Lecturer, Columbia University Medical Center, Using Dance  
 as a Rehab Strategy in Patient Populations  
 March 2018 Guest Lecturer, NYU, Quantitative and Qualitative Approaches to  
 Dance Research in Impaired Populations  
 March 2013 Pilates Master Class at American College Dance Festival  
 Association at Hofstra University  
 May 2012 Master Class at Mark Morris Dance Group for NY Baroque Dance  
 Company  
 April 2011 Guest Artist and Residency with Lifedance/ Gloria McLean &  
 Dancers at Keimyung University (Daegu, South Korea)  
 August 2010 Residency at CW Post with NY Baroque Dance Company

**TEACHING CONTINUING EDUCATION COURSES**

June 2018 Lecturer, Teaching Pilates to Learn – an evidence-based approach  
 to optimizing skill learning, BodyTonic Gymnasium, Brooklyn, NY

**PROFESSIONAL EXPERIENCE**

2014 – 2016 Certified Pilates Teacher, Real Pilates, New York, NY  
 2013 – 2015 Certified Pilates Teacher, Sixth Street Pilates, New York, NY  
 2013 – 2014 Dancer, David Parker & the Bang Group, New York, NY  
 2013 Dancer, Flexicurve, New York, NY  
 2012 Dancer, Marjorie Folkman, Annadale on the Hudson, NY  
 2011 Dancer, International Handel Festival, Göttingen, Germany  
 2010 – Present Owner, Certified Pilates Teacher, Pilates By Greg, New York, NY  
 2010 – 2014 Certified Pilates Teacher, Groundfloor Exercise, New York, NY  
 2010 – 2013 Certified Pilates Teacher, Complete Body, New York, NY  
 2009 – 2016 Dancer, Rehearsal Assistant, Heidi Latsky Dance, New York, NY  
 2009 – 2012 Dancer (Soloist), Gallant Dance, New York NY  
 2009 – 2010 Dancer (Soloist), HT Chen & Dancers, New York, NY  
 2008 – 2015 Dancer (Soloist), Sokolow Theatre/Dance Ensemble, New York, NY  
 2008 – 2009 Dancer, Kelley Donovan & Dancers, Boston, MA

2006 – 2015 Dancer, Teacher, New York Baroque Dance Company, New York NY  
2005, 2011 Dancer, Lifedance/ Gloria McLean & Dancers, New York, NY

**CHOREOGRAPHY**

2012 92<sup>nd</sup> St YMCA, Baroque Reconstruction from Beauchamp-Feuillet Notation, New York, NY  
2010 Faith Project (Commission), New York, NY  
2009 Dance New Amsterdam, Works in Progress, New York, NY  
2009 Movement Research, Open Performance, New York, NY  
2007 Hofstra University, Queer Exoticism, New York, NY  
2006 Rochester Academy of Performing Arts, Rochester, NY

**PROFESSIONAL LICENSES**

2011 PMA®CPT

**CONSULTATIVE & ADVISORY POSITIONS**

2018 – Present Board of Directors, Latsky Dance Inc.

**COMMUNITY ACTIVITY**

2018 Society for Neuroscience, City of Science Volunteer  
2009 New York City Pride March, Heritage of Pride Volunteer

**PROFESSIONAL PROFICIENCIES**

Fluent in Spanish, Grant writing,  
Experience with SPSS, MATLAB, R, LabView, Nexus, Vicon Workstation, Mobility Lab,  
Motion Studio, Geneactiv, REDCap, Datavyu, StepWatch, iMovie, Microsoft  
Office Suite