

November 2023

CURRICULUM VITAE  
**ALYSSA JONES, DPT, PT**  
**Board- Certified Neurologic Clinical Specialist**

Business Address: Department Of Physical Therapy  
College of Applied Health Sciences  
University of Illinois at Chicago  
1919 West Taylor Street  
Rm 441, MC 898  
Chicago, IL 60612

Business Phone (312) 996-6142  
Email: [aaajones7@uic.edu](mailto:aaajones7@uic.edu)

**EDUCATION**

<b>Degree</b>	<b>Award Date</b>	<b>Institution</b>	<b>Discipline</b>
BS	2012	University of Illinois at Urbana Champaign	Kinesiology
DPT	2016	University of Illinois at Chicago	Physical Therapy

**TRAINING**

2016-2017 Boston University Neurologic Physical Therapy Post Graduate Residency Program  
2017 Neurologic Physical Therapy Professional Education Consortium  
2019 Allied Team Training for Parkinson's- Parkinson's Foundation  
2023 Ekso Bionics Level I and II Certification

**LICENSURE/ CERTIFICATION**

2016-2017 Commonwealth of Massachusetts Physical Therapy License 22594 (Inactive)  
2017-Present Illinois Physical Therapy License #070 023361  
2018- Present Board Certified Specialist in Neurology by the American Board of Physical Therapy Specialist  
2020- 2024 Ventilator Competency at the Shirley Ryan AbilityLab  
2020- 2024 Ventricular Assist Device Competency at the Shirley Ryan AbilityLab

**ACADEMIC APPOINTMENTS**

2018- 2024 **Clinical Instructor;** Shirley Ryan AbilityLab Physical Therapy Department  
2023- Present **Clinical Assistant Professor;** Department of Physical Therapy, University of Illinois at Chicago

**HOSPITAL APPOINTMENTS**

2016-2017 **Staff Physical Therapist;** Spaulding Rehabilitation Outpatient Center (Medford, MA)

- 2017 **Staff Physical Therapist;** Beth Israel Deaconess Medical Center (Boston, MA)  
Inpatient Acute Care: Neurology Unit and Neurology Intensive Care Unit
- 2016-2017 **Research Physical Therapist;** Center for Neurorehabilitation at Boston  
University (Boston, MA)
- 2017- 2023 **Master Physical Therapist,** Legs + Walking Gait Lab; Shirley Ryan AbilityLab  
(Chicago, IL)
- 2020- Present **Research Physical Therapist,** Neurorehabilitation and Neural Engineering  
Laboratory; Shirley Ryan AbilityLab
- 2021- 2023 **Mentor;** Northwestern University & Shirley Ryan AbilityLab Neurologic Physical  
Therapy Residency Program

#### **OTHER EMPLOYMENT**

- 2010-2013 **Research Assistant, Exercise Specialist (NASM Certified), Project Coordinator;**  
Exercise Psychology Laboratory at the University of Illinois, Urbana- Champaign,  
IL
- 2014-2015 **Undergraduate Volunteer Coordinator;** University of Illinois at Chicago Physical  
Therapy Faculty Practice

#### **HONORS AND AWARDS**

- 2021 **Academy of Neurologic Physical Therapy: Early Career Professional Award in  
Neurologic Physical Therapy-** Awarded to those who show potential to make  
lasting contributions to the Academy

#### **INSTITUTIONAL SERVICE**

##### **A. Hospital**

- 2018- 2023 **Specialist, Stroke Group Leader** Shirley Ryan Ability Lab **Battery of  
Rehabilitation Assessments and Intervention (BRAIN) Committee**
- 2019 **Founder, Director** – Brain Innovation Center Interdisciplinary Roundtable
- 2020- 2023 **International Special Project-** Served as team member treating Private Client  
(veteran in military related incident) in special project in Abu Dhabi, UAE. Served  
for 8, 3-5 week trips.
- 2021- 2023 **Stroke Clinical Mentor-** Northwestern University and Shirley Ryan AbilityLab  
Neurologic Physical Therapy Residency
- 2021-2023 **Mentor,** REFLECT and Comprehensive Mentoring Program for High-Intensity  
Gait Training

2022- 2023                    **Specialist, Parkinson’s Disease Group Leader** Shirley Ryan Ability Lab **Battery of Rehabilitation Assessments and Intervention (BRAIN) Committee**

2022- 2023                    **Inpatient Labs Representative-** PT Practice Council

## **COMMUNITY/ PUBLIC SERVICE**

2010-2012                    **Executive Board President,** Foundation of International Medical Relief od Children (FIMRC) U of I Chapter

2014-2016                    **Founder and Co-Chair,** UIC-Marquette Challenge Committee

2015-2016                    **Founder and Chair,** UIC Adaptive Endeavors

2016                            Spaulding Rehabilitation Adaptive Sports Return to Running Program (SPRINT)

2016-2017                    American Parkinson’s disease Association (APDA) National Rehabilitation Resource Center

2017                            Parkinson Disease Community Wellness Group at the Center for Neurorehabilitation at Boston University

2017                            Empower Spinal Cord Injury Residential Camp at Stony Brook University

## **PARTICIPATION IN PROFESSIONAL SOCIETIES**

### **A. Professional Society Memberships**

2013- Present                    American Physical Therapy Association (APTA)

2013- Present                    Illinois Physical Therapy Association (IPTA)

2014- Present                    Neurology Section of the APTA

2016- Present                    Neurology Section of APTA, Stroke special interest group

2016- Present                    Neurology Section of APTA, Degenerative diseases special interest group

2016-2017                    APTA of Massachusetts Neurology special interest group

### **B. Leadership and Service**

2020- Present                    **Item Writer,** Specialization Academy of Content Experts for Neurologic Clinical Specialists in the American Board of Physical Therapy Specialties (ABPTS)

2020                            **Member,** Standard Setting Committee for the 2020 Neurology Specialty Exam

2021- 2022                    **Chair,** Illinois Physical Therapy Association- Inspire, Mentor, and Participate (IMAP)

2024- Present                    **Chair,** Illinois Physical Therapy Association Easter District

## **Editorial and Manuscript Review**

2023- 2024

**Peer Reviewer**, Topics in Stroke Rehabilitation

## **GRANT AWARDS AND CLINICAL TRIALS**

### **A. Past**

- i. Agency: Illinois Foundation of Physical Therapy Research Grant  
Title: *Comparison of two high-intensity gait training interventions on contraversive pushing behaviors in individuals poststroke*  
Principle Investigator: Arun Jayaraman  
Role on Project: Co-Investigator  
Total Cost for project period: \$1,000  
Project Period: 12 months- 2021
- ii. Title: *Tracking neural synergies during gait rehabilitation after stroke*  
Principle Investigator: Jose Pons  
Role on Project: Co-Investigator  
Total Cost for project period: Currently non-funded

## **INVITED LECTURES**

### **A. Local**

- |      |  |
|------|--|
| 2017 | <b>Combined sections meeting recap: Rehabilitation of individuals with dementia.</b> APTA of Massachusetts Neurology SIG   |
| 2017 | <b>Use of outcome measures to screen &amp; measure change in PD.</b> Parkinson's Disease Community Wellness Group Training at Boston University                            |
| 2017 | <b>Living well with Parkinson's disease: the role of exercise.</b> APDA Parkinson's Roadmap for Education and Support Services (PRESS)                                     |
| 2017 | <b>SMART Goal Setting.</b> Empower Spinal Cord Injury Residential Camp   |
| 2019 | <b>Outcome measures and their implications to the interdisciplinary team.</b> Shirley Ryan AbilityLab Brain Innovation Center Interdisciplinary Roundtable                 |
| 2019 | <b>An interdisciplinary approach to managing individuals with Parkinson's disease in the inpatient setting.</b> Shirley Ryan AbilityLab Brain Innovation Center Roundtable |
| 2020 | <b>High intensity Gait training across the continuum of care.</b> AMITA Health Alexian Brother's Medical Center Physical Therapy Department                                |
| 2020 | <b>Physical Therapy Management of Individuals Post COVID-19.</b> Shirley Ryan AbilityLab Internal and Alliance site webinar. September 1 <sup>st</sup> , 2020              |

- 2021 **High Intensity Gait Training: Current Evidence, Decision Making, & Strategies for Implementation.** Shirley Ryan AbilityLab Internal and Alliance site webinar. September 1<sup>st</sup>, 2021
- 2022 **Expanding our IDEAS for Parkinson’s Disease Mental Wellbeing: Interactive Demos, Education, Activities, & Support. Impact of Physical Activity and Exercise on Mental Health.** Shirley Ryan AbilityLab. Webinar and Live Q&A session. February 5<sup>th</sup>, 2022
- 2022 **Assessment and Prescription of Lower Extremity Orthotics for Physical Therapists.** Shirley Ryan AbilityLab. September 10<sup>th</sup>, 2022
- 2023 **Clinical Management of Individuals with Contraversive Pushing Behaviors Post Stroke.** Shirley Ryan AbilityLab. November 9<sup>th</sup>, 2023

## **B. Regional**

- 2021 **27<sup>th</sup> Annual Interdisciplinary Stroke Course – New & Changing Practices. High-Intensity Gait: Workshop.** Shirley Ryan AbilityLab. May 6<sup>th</sup>-7<sup>th</sup>, 2021
- 2022 **Illinois Physical Therapy Association Spotlight on Research- *Comparison of two high-intensity gait training interventions on contraversive pushing behaviors in individuals poststroke.*** Online Webinar. September 8<sup>th</sup>, 2022
- 2023 **29<sup>th</sup> Annual Interdisciplinary Stroke Course – Sensing the Gap of Stroke Rehabilitation. Clinical Management of Individuals with Contraversive Pushing Behaviors Post Stroke: Workshop.** Shirley Ryan AbilityLab. May 11<sup>th</sup>-12<sup>th</sup>, 2023
- 2024 (accepted) **Novel Technologies to Address Patients with Complex Neurological Diagnoses: Pushers, Paralysis, Pain, and Parkinson’s.** American Physical Therapy Association Combined Sections Meeting 2024. Boston, Massachusetts. February 15-17<sup>th</sup>, 2024.

## **B. International**

- 2022 **2022 Summer School On Neurorehabilitation: Clinical Perspectives on Adoption of Technology for Assessment and Intervention in Neurorehabilitation.** Baiona, Spain: June 12<sup>th</sup>-June 17<sup>th</sup>, 2022
- 2023 **2023 Summer School On Neurorehabilitation: Clinical Perspectives on Robotic Interventions in Stroke.** Baiona, Spain: June 11<sup>th</sup>-June 16<sup>th</sup>, 2023

## **PUBLICATIONS AND SCHOLARY WORK**

### **A. Peer-reviewed Publications**

Short MR, Hernandez-Pavon JC, Jones A, Pons JL. EEG hyperscanning in motor rehabilitation: a position paper. *J Neuroeng Rehabil.* 2021;18(1):98. Published 2021 Jun 10. doi:10.1186/s12984-021-00892-6

## B. Abstracts (\*denotes presenting author)

### a. Poster Presentations

\*Jones (Andreasik), Alyssa A., \*Williams, Alexis A. Colon-Semenz, Cristina., DeAngelis, Tamara R., Hendron, Kathryn., Ellis, Terry. Benefits of physical activity in improving function in persons with Parkinson's disease, Poster presentation in APTA Combined Sections Meeting 2018, February 21-24, New Orleans, LA.

\*Jones, Alyssa A., \*Crandall, Sara., \*Christoforou, Andrea. Physical therapy management of an individual with anti-NMDAR encephalitis across the continuum of care, Poster presentation in APTA Combined Sections Meeting 2021, February

\*Jones, Alyssa A., \*Chang, Melody., Barbas, Jason., Paczan, Holly., Fogler, Emily., Lenhart, Laura., Hardy, Laura. High Intensity Gait Training in Patients Poststroke with COVID-19: Perspectives across Levels of Care, Poster presentation in APTA Combined Sections Meeting 2021, February 2021

\*Jones, Alyssa A., \*Enzler, Katherine., Jayaraman, Arun., Macaluso, Rebecca. Comparison of two high-intensity gait training interventions on contraversive pushing behaviors in individuals poststroke, Poster presentation in APTA Combined Sections Meeting 2023, February 23-25, San Diego, CA.

## TEACHING

2014	University of Illinois at Chicago Department of Physical Therapy, PT 605: Systems Physiology and Plasticity, teaching assistant
2016	Boston University Department of Physical Therapy, PT 652: Neurological Systems I, lab assistant
2017	Boston University Department of Physical Therapy, PT 653: Neurological Systems II, Guest lecturer, Case Discussion: Alzheimer's disease
2021- Present	Simmons University Department of Physical Therapy, DPT 734: Complex Conditions, Course Instructor
2023- Present	University of Illinois at Chicago Department of Physical Therapy PT 636- Applied Pathophysiology, Course Co-Director PT 634- Neuromuscular Dysfunction II, Course Director PT 638- Integration and Assessment I, Course Director PT 639- Integration and Assessment II, Course Director

## TRAINEES

### Shirley Ryan AbilityLab

2018	Clinical Mentor; Deborah Tingey, New hire physical therapist
2022	Clinical Mentor Gait Lab; Jenny Sampras, New hire physical therapist
2023	Clinical Mentor Gait La; Amy Scelza, Growth Rotation/ New Hire

**Northwestern University & Shirley Ryan AbilityLab Neurologic Physical Therapy Residency**

2018 Clinical Floor Mentor; Hannah King, Neurology physical therapy resident  
2019 Clinical Floor Mentor; Lindsay Hoffman, Neurology physical therapy resident  
2021 Clinical Mentor Stroke; Lina Kleinschmidt, Neurology physical therapy resident  
2023 Clinical Mentor Stroke; Trinity Neve, Neurology physical therapy resident