

CURRICULUM VITAE

Patricia Grady-Dominguez, PhD, OTR/L

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EDUCATION

Year	Degree	Institution
2022	Ph.D. in Occupation and Rehabilitation Science <ul style="list-style-type: none"><i>Dissertation Title:</i> Rasch Analysis of the Evaluation in Ayres Sensory Integration International Normative Data<i>Advisor:</i> Dr. Anita Bundy	Colorado State University, Fort Collins, CO
2018	M.S. in Occupational Therapy <ul style="list-style-type: none"><i>Thesis:</i> What children do on the playground: A Rasch analysis approach to measurement on the playground<i>Advisor:</i> Dr. Anita Bundy	Colorado State University, Fort Collins, CO
2015	B.S. in Biochemistry & Biophysics <ul style="list-style-type: none"><i>Minor:</i> Professional and Academic Writing	Rensselaer Polytechnic Institute, Troy, NY

ACADEMIC EMPLOYMENT

Years	Title	Employer
2023 – Present	Postdoctoral Fellow	Meaningful Measurement in Rehabilitation Research (METEOR) Lab, Colorado State University, Fort Collins, CO <ul style="list-style-type: none">Conducting quantitative and qualitative analyses of data focusing on implementation science and measurement in severe traumatic brain injury and disorders of consciousnessContributing to peer-reviewed manuscripts disseminating the results of measurement and implementation studiesEngaging in project management tasks as needed
2023 – Present	Adjunct Assistant Professor	Department of Occupational Therapy, Colorado State University, Fort Collins, CO <ul style="list-style-type: none">Developing and instructing a quantitative research course for occupational therapy doctoral students
2021 – Present	Consultant	Collaboration for Leadership in Ayres Sensory Integration, Redondo Beach, CA <ul style="list-style-type: none">Conducting psychometric evaluations of Evaluation in Ayres Sensory Integration (EASI)Contributing to peer-reviewed manuscripts disseminating the results of psychometric analysesManaging a large, international dataset and ongoing data collection effortOverseeing creation and launch of a flexible, multilanguage online scoring program for EASI
2018 – Present	Research Assistant	Colorado State University, Fort Collins, CO <ul style="list-style-type: none">Developed expertise in Rasch analysis and other psychometric analysesAssisted with the preparation of grant applications tasks related to advisor's research projectsContributed to scientific manuscripts and publications with interdisciplinary researchersPerformed data collection, management, and analyses for research endeavors

CLINICAL EMPLOYMENT

- 2018 – 2020 **Occupational Therapist** La Cocina, Fort Collins, CO
- Provided no-cost occupational therapy services to monolingual and/or recently immigrated Spanish-speaking individuals in the Northern Colorado area
 - Designed a curriculum for and oversaw implementation of a therapeutic childcare program for children ages 0-12 from low-income, Spanish-speaking families

PUBLICATIONS

Mailloux, Z., **Grady-Dominguez, P.**, Bundy, A., Parham, L. D., Smith Roley, S., Schaaf, R. (In Press). Evaluation in Ayres Sensory Integration Praxis Tests: Construct validity and internal reliability. *American Journal of Occupational Therapy*. 77(4).

Schaaf, R.C., Auld Wright, K., Mailloux, Z., **Grady-Dominguez, P.**, Parham, L. D., Smith Roley, S., Bundy, A. (In Press). EASI tactile perception tests: Construct validity and internal consistency. *American Journal of Occupational Therapy*. 77(1).

Lamash, L., **Grady-Dominguez, P.**, Mailloux, Z., Parham, L. D., Schaaf, R., Smith Roley, S., Gal, E. (2022). EASI praxis tests: Age trends and internal consistency. *American Journal of Occupational Therapy*. 76(2).

Mailloux, Z., **Grady-Dominguez, P.**, Petersen, J., Parham, L. D., Smith Roley, S., Bundy, A., Schaaf, R. (2021). EASI vestibular and proprioceptive tests: Construct validity and internal consistency. *American Journal of Occupational Therapy*. 75(6).

Grady-Dominguez, P., Ihrig, K., Lane, S. J., Aberle, J., Beetham, K., Ragen, J., ... & Bundy, A. (2020). Reframing risk: Working with caregivers of children with disabilities to promote risk-taking in play. *International Review of Research in Developmental Disabilities* (Vol. 59, pp. 1-45). Elsevier.

Grady-Dominguez, P., Bundy, A., Ragen, J., Wyver, S., Villeneuve, M., Naughton, G., ... & Beetham, K. (2019). An observation-based instrument to measure what children with disabilities do on the playground: A Rasch analysis. *International Journal of Play*, 8(1), 79-93.

Grady-Dominguez, P., Ragen, J., Sterman, J., Spencer, G., Tranter, P., Villeneuve, M., & Bundy, A. (2021). Expectations and assumptions: examining the influence of staff culture on a novel school-based intervention to enable risky play for children with disabilities. *International Journal of Environmental Research and Public Health*, 18(3), 1008.

PRESENTATIONS AND POSTERS

Grady-Dominguez, P. (2023, March). *Rasch Analysis of the EASI: An Example Analysis using the EASI Balance Test*. Poster. College of Health and Human Sciences Research Day. Fort Collins, CO.

Grady-Dominguez, P. & Mailloux, Z. (2022, July). *Updates on the Evaluation of Ayres Sensory Integration (EASI)*. Invited presentation. International Sensory Integration Congress (ISIC). Redondo Beach, CA.

Grady-Dominguez, P. (2022, July). *Rasch Analysis of the Evaluation in Ayres Sensory Integration (EASI)*. Poster. International Sensory Integration Congress (ISIC). Redondo Beach, CA.

Grady-Dominguez, P. (2022, April). *Rasch Analysis of the EASI: An Example Analysis using the EASI Balance Test*. Poster. Colorado State University's 20th Annual Occupational Therapy Knowledge Exchange. Fort Collins, CO.

Grady-Dominguez, P. (2022, March). *Rasch Analysis of the Evaluation in Ayres Sensory Integration (EASI)*. Invited Presentation. College of Health and Human Sciences Research Day. Fort Collins, CO.

Grady-Dominguez, P. (2021, June). *Mentoring: Crafting a Culture of Scholarship*. Panel. Occupational Therapy Summit of Scholars. Fort Collins, CO (Virtual).

Grady-Dominguez, P. (2021, June). *Expectations and Assumptions: Examining the Influence of Staff Culture on a Novel School-Based Intervention to Enable Risky Play for Children with Disabilities*. Poster. Occupational Therapy Summit of Scholars. Fort Collins, CO (Virtual).

Grady-Dominguez, P. (2021, May). *Expectations and Assumptions: Examining the Influence of Staff Culture on a Novel School-Based Intervention to Enable Risky Play for Children with Disabilities*. Oral Presentation. University of Colorado Anschutz's Rehabilitation Science Research Retreat. Denver, CO (Virtual).

Grady-Dominguez, P. (2021, April). *Expectations and Assumptions: Examining the Influence of Staff Culture on a Novel School-Based Intervention to Enable Risky Play for Children with Disabilities*. Oral Presentation and Poster. Colorado State University's 19th Annual Occupational Therapy Knowledge Exchange. Fort Collins, CO (Virtual).

Grady-Dominguez, P. (2020, June). *The Tolerance of Risk in Play Scale – Caregiver Version (TRiPS – C)*. Poster. The Annual Summit of Occupational Therapy Scholars. Cancelled due to COVID19.

Grady-Dominguez, P. (2020, April). *Wrapped in Cotton Wool: Using Implementation Science to Examine the Results of a Playground Intervention*. Poster. The 2020 American Occupational Therapy Association (AOTA) Annual Conference & Expo. Cancelled due to COVID19.

Grady-Dominguez, P. (2020, March). *Tolerance of Risk in Play Scale (TRiPS): A Rasch analysis*. Poster. 2020 College of Health and Human Sciences Research Day. Fort Collins, CO.

Grady-Dominguez, P. (2019, July). *What do children do on the playground?: A Rasch analysis study of a novel measure of playground sophistication for children with disabilities*. Oral presentation. Occupational Therapy Australia (OTAUS) 28th National Conference and Exhibition. Sydney, NSW, Australia.

Grady-Dominguez, P. (2019, June). *Developing the Brief Evaluation in Ayres Sensory Integration (BREASI): A proposal*. Poster. The Annual Summit of Occupational Therapy Scholars. Charleston, SC.

Grady-Dominguez, P. (2019, April). *An observation-based instrument to measure what children with disabilities do on the playground: A Rasch analysis*. Oral presentation. The 2019 American Occupational Therapy Association (AOTA) Annual Conference & Expo. New Orleans, LA

Grady-Dominguez, P. (2019, March). *Playing with numbers: A Rasch analysis-based approach to measuring playground play*. Oral presentation. The 2019 The Association for the Study of Play/International Play Association (TASP/IPA) Joint Conference. Harrisonburg, VA

GRANTSMANSHIP

College of Health and Human Sciences Dean's Fellowship

Colorado State University

Title: *Evaluation in Ayres Sensory Integration: A Rasch Analysis*

\$20,000

July 2021 – December 2022

Role: Principal Investigator, Dean's Fellow

Eagles Autism Challenge

Philadelphia Eagles Autism Foundation

Title: *Measuring Sensory Features in Autism Spectrum Disorder*

\$300,000

July 2019 – June 2023

Role: Research Assistant; Statistical Consultant

HONORS AND AWARDS

2023	Distinction in Research Award, College of Health and Human Sciences at Colorado State University
2021	Dean's Fellowship, College of Health and Human Sciences at Colorado State University
2021	Three Minute Dissertation Competition Winner, Occupational Therapy Summit of Scholars
2019	Student Travel Award, Colorado State University-Graduate Student Council
2019	Student Travel Scholarship, The Association for the Study of Play (TASP)
2018	Outstanding Graduate, Department of Occupational Therapy at Colorado State University
2017	Member, Pi Theta Epsilon Honor Society
2017	Human Resource Sciences Alumni Council Scholarship, Colorado State University

SKILLS

Research Software

Winsteps® Rasch Analysis Software
Facets ® Multifaceted Rasch Analysis Software
R Statistical Computing
IBM SPSS® Statistics
STATA
Advanced Microsoft Excel
NVivo Qualitative Data Analysis
REDCap

Additional Skills

Intermediate Spanish Fluency
Certified to deliver Evaluation in Ayres Sensory Integration (EASI)

ACADEMIC SERVICE

Manuscript Reviewer

Journal of Autism and Developmental Disabilities (7 manuscripts reviewed)
Occupational Therapy Journal of Research (16 manuscripts reviewed)

Professional Memberships

2022 – Present	American Congress of Rehabilitation Medicine (ACRM)
2018 – 2022	International Play Association (IPA)
2018 – 2022	The Association for the Study of Play (TASP)
2017 – Present	Pi Theta Epsilon Honor Society
2016 – Present	Occupational Therapy Association of Colorado
2016 – Present	American Occupational Therapy Association (AOTA)

UNIVERSITY SERVICE

2018 – 2022	Dean's Leadership Council Member, College of Health and Human Sciences <ul style="list-style-type: none">• Representing student interests to college and university leadership• Advocating for graduate student interests to the larger council Service Committee Member: connecting with on- and off-campus organizations to establish volunteer opportunities for the council
2020 – 2021	Dean's Leadership Council (DLC) Executive Committee: Secretary <ul style="list-style-type: none">• Communicated with members, college leadership and college departments• Planned and delivered three professional development presentations for DLC members• Organized service events for the College of Health and Human Sciences• Redesigned DLC's application and interview process to encourage more diverse membership and to further the college's vision of diversity, equity and inclusion

- 2020 – 2021 Occupational Therapy Summit of Scholars Planning Committee
- Planned and delivered a virtual research conference for over 200 attendees in the occupational therapy research community
- 2020 – 2021 American Occupational Therapy Foundation’s Future Scientist Days Planning Committee
- Planned and delivered a two day virtual learning event for occupational therapy students from non-research institutions to learn about conducting research in occupational therapy and related fields