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<u>Key Content</u> (<i>Ctrl+Click to jump to a section</i>)	<u>Page</u>
Education & Experience	1
Fellowships, Honors, & Awards	2
Research Funding	3
Publications & Presentations	5
Professional Memberships, Affiliations, & Service	21
Teaching & Mentoring.....	23

EDUCATION

- 2007 – 2012 **University of Texas at Arlington** (Arlington, TX)
Ph.D., Experimental Psychology (2012); Mentor: Timothy Odegard, Ph.D.
M.S., Experimental Psychology (2009); Mentor: Lauri Jensen-Campbell, Ph.D.
- 2002 – 2006 **Vanderbilt University** (Nashville, TN)
B.A., Majors in Psychology and Music (2006)

ADDITIONAL CERTIFICATIONS

- 2022 Autism Exercise Specialist Certification, American College of Sports Medicine
- 2017 EQ-i 2.0/EQ 360 Certification, UNT Health Science Center/Leadership Call
- 2017 Graduate Certificate in Clinical Science, UT Southwestern Medical Center

SPECIALIZED TRAINING

Physiological measures

Eye-tracking (incl. mobile), motion-capture, posturography, actigraphy, EMG, fMRI, EEG

Behavioral measures

Autism Diagnostic Observation Schedule–2 (U. Michigan research reliability workshop)
Autism Diagnostic Interview–Revised (UT Southwestern research reliability workshop)
Neuropsychological testing (cognition, IQ, memory, reading, motor development)

Software packages

Data Management & Statistics: SPSS, R, SAS, AMOS, HLM, Python
Stimulus delivery: E-Prime, D-Flow
Neuroimaging: AFNI, SPM, sLORETA, FreeSurfer, FSL

PROFESSIONAL EXPERIENCE

Primary Appointment

- 2021 – Present **University of Michigan** (Ann Arbor, MI)
Assistant Professor, Movement Science, School of Kinesiology (*Tenure-track*)
Leading an NIH- and NSF-funded program of research on visuomotor integration in autism, typical development, and related neurodevelopmental conditions.

Currently using mobile eye-tracking, full-body motion capture, and force plates to monitor eye and body movement. Facilitating a Community Advisory Team of neurodivergent teens and adults in co-creation of research studies and community outreach and education materials. Mentoring trainees from backgrounds including psychology, biomechanics, and neuroscience. Teaching students in the Movement Science and Applied Exercise Science programs.

Other Current and Past Appointments

- 2021 – Present **Georgia Department of Education** (Macon, GA)
Consultant
Leading needs assessment and programming development, implementation, and evaluation specific to inclusion and accommodation of blind or low-vision autistic residential and commuting students aged 3-26 at Georgia Academy for the Blind, Georgia DoE's statewide school for blind and visually-impaired students.
- 2015 – 2021 **University of North Texas Health Science Center** (Fort Worth, TX)
Assistant Professor, Department of Physical Therapy (*Tenure-track*)
School of Health Professions
- 2016 – 2021 **University of North Texas Health Science Center** (Fort Worth, TX)
Assistant Professor, Graduate School of Biomedical Sciences
Assistant Professor, Department of Medical Education
Assistant Professor, UNTHSC-TCU School of Medicine (2019-2021)
- 2013 – 2015 **University of North Texas Health Science Center** (Fort Worth, TX)
Postdoctoral Research Associate, Human Movement Performance Lab
School of Health Professions
Primary Mentor: Nicoleta Bugnariu, PT, Ph.D.
- 2012 – 2013 **University of Texas Southwestern Medical Center** (Dallas, TX)
Postdoctoral Researcher II, Center for Autism & Developmental Disabilities
Primary Mentor: John Sweeney, Ph.D.
- 2010 – 2012 **University of Texas at Arlington** (Arlington, TX)
Graduate Researcher, Reading & Memory Lab
Primary Mentor: Timothy Odegard, Ph.D.
- 2006 – 2010 **University of Texas at Arlington** (Arlington, TX)
Graduate Researcher, Social & Personality Development Lab
Primary Mentor: Lauri Jensen-Campbell, Ph.D.
- 2005 – 2006 **Vanderbilt University** (Nashville, TN)
Undergraduate Research Assistant, Compas Lab
Kennedy Center for Research on Human Development
Primary Mentor: Bruce Compas, Ph.D.

FELLOWSHIPS, HONORS, & AWARDS (* indicates competitive application)

- 2023 *Fellow, Research Education Core, Claude D. Pepper Center for Older Americans' Independence, Univ. of Michigan

2023	*Fellow, NIH Diversifying the Autism Research Workforce Conference, Washington, DC
2023	*Fellow, NSF Disability & Rehabilitation Engineering Conference, Los Angeles, CA
2021 – 2022	*Fellow, MICHR R01 Boot Camp, Univ. of Michigan
2021	*Fellow, MIDAS Data Science Boot Camp, Univ. of Michigan
2018 – 2020	*Awardee, NIH Loan Repayment Program
2017 – 2019	*Fellow, STAR Leadership Program, Texas Center for Health Disparities
2017	Nominee, Association for Psychological Science “Rising Star” Award
2016	Autism Speaks Texas Board Member of the Year
2015 - 2017	*NIH KL2 Clinical Translational Research Scholar
2014	*Student & Trainee Travel Award, International Society for Autism Research
2011	*David Pilon Scholarship for Training in Professional Psychology, American Psychological Association Graduate Student Association
2011	*Selected graduate mentor for the iEngage Mentorship Program, UT Arlington
2010	*Poster Award for Biological Bases of Behavior, UT Metroplex Days
2009	*Fellow, Summer Institute in Social Psychology, Northwestern University.

RESEARCH FUNDING (Role/PI)

Active Awards (* indicates separate competitive applications funded by the same center)

***Cognitive, Sensory, & Physical Determinants of Postural Control in Autistic Aging**

(NIH P30-AG024824)

Research Education Core Fellow (PI: Yung)

University of Michigan – Claude D. Pepper Older Americans Independence Center

07/01/2023-06/31/2024

***Visuomotor Integration as a Predictor of Mobility & Fall Risk in Autistic Older Adults**

(NIH P30-AG024824)

Sub-Award Project Principal Investigator (PI: Yung)

University of Michigan – Claude D. Pepper Older Americans Independence Center

07/01/2023-06/31/2024

Visual and Motor Development in Neurodevelopmental Conditions

Principal Investigator

University of Michigan – Undergraduate Research Opportunities Program

10/01/2021-08/31/2024

Immersive Training in Sensory Contributions to Lifespan Motor Development and Disability

Project Director

University of Michigan – School of Kinesiology Donor Innovation Grant

09/01/2021–08/31/2023

<https://www.ski.org/news/university-michigan-students-visit-skeri>

Prior Awards

Visuomotor Integration and Attention in Autism Spectrum Disorder (K01-MH107774)

Principal Investigator
National Institutes of Health – National Institute of Mental Health
07/15/2017–06/14/2023

Development of a Home Exercise Program for Children with Autism Spectrum Disorder

Principal Investigator
UNTHSC School of Health Professions Early Stage Investigators Research Program
07/01/2019-12/31/2020

Preliminary Assessment of Visuomotor Profiles in Hispanic Children with Autism (U54-MD006882)

Sub-Award Principal Investigator; Texas Center for Health Disparities Pilot Program
National Institutes of Health – National Institute for Minority Health and Disparities
11/01/2018-12/31/2020

Fort Worth Hispanic Community Outreach Program for Autism Spectrum Disorder

Principal Investigator
Autism Speaks
06/01/2018-12/31/2020

Integrating New Technologies to Assess Visual and Attentional Influences on Movement and Imitative Behavior in Autism (SMA-1514495)

Principal Investigator
National Science Foundation – Social, Behavioral, and Economic Sciences Directorate
Postdoctoral Research Fellowship (Interdisciplinary Research in Behavioral and Social Sciences) 07/01/2015–06/30/2018

Visuomotor Integration in Atypical Development (KL2-TR001103; UL1-TR001105)

Co-Investigator (PI: Robert Toto, M.D.)
National Institutes of Health – National Center for Advancing Translational Sciences
UT Southwestern Center for Translational Medicine
Clinical Translational Research Scholar Program
06/01/2015–06/31/2017

Visuomotor integration in Autism Spectrum Disorders (ASD)

Co-Investigator (PI: Bugnariu)
University of North Texas Health Science Center
Research Seed Grant
04/01/2014–03/31/2015

Other Support

University of Michigan Institute for Clinical & Health Research (UL1TR002240)

- R01 Boot Camp: August 2021 – Present
- Responsible Conduct of Research Training for K Awardees: November 2021
- REDCap support: January 2021 – Present

Texas Center for Health Disparities

- STAR Leadership Fellows Training Program (U54MD006882): January 2018 – May 2020

UT Southwestern Center for Translational Medicine

- REDCap support (UL1-RR024982): November 2016 – 2020

- Translational Pilot Program – Biostatistical Consultation (UL1-TR001105):
September 2016, September 2018
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PEER-REVIEWED PUBLICATIONS (in reverse chronological order; early works appear under Haylie L. Gomez)

* = Co-first or co-senior/corresponding authors.

Underlining = Trainees engaged in research with my lab.

A complete list of publications can also be found in NCBI MyBibliography at:
<https://www.ncbi.nlm.nih.gov/myncbi/1NwX0NtUo2w5G/bibliography/public/>

On faculty at University of Michigan (01/01/2021 – Present)

32. **Miller, H. L.** (2023). Social media as a tool for understanding the role of motor differences in neurodivergent identity and lived experience. *Journal of Motor Learning & Development*. Advance online publication. <https://doi.org/10.1123/jmld.2023-0024>
31. **Chatterjee, R., Fears, N. E., Lichtenberg, G., Tamplain, P. M., & Miller, H. L.** (2023). Identity and discourse among #ActuallyAutistic Twitter users with motor differences. *Journal of Motor Learning & Development*. Advance online publication. <https://doi.org/10.1123/jmld.2023-0007>
30. Tamplain, P. M., Fears, N. E., Robinson, P., Chatterjee, R., Lichtenberg, G., & Miller, H. L. (2023). #DCD/Dyspraxia in real life: Twitter users' unprompted expression of experiences with motor differences. *Journal of Motor Learning & Development*. Advance online publication. <https://doi.org/10.1123/jmld.2023-0008>
29. **Fears, N. E., Chatterjee, R., Tamplain, P., & Miller, H. L.** (2023). Harvesting Twitter data for studying motor behavior in disabled populations: An introduction and tutorial in Python. *Journal of Motor Learning & Development*. Advance online publication. <https://doi.org/10.1123/jmld.2023-0006>
28. **Miller, H. L.,** Licari, M. K., Bhat, A., Aziz-Zadeh, L. S., Van Damme, T., **Fears, N. E.,** Cermak, S. A., & Tamplain, P. M. (2023). Motor problems in autism: Co-occurrence or feature? *Developmental Medicine & Child Neurology*. Advance online publication. <https://doi.org/10.1111/dmcn.15674>
27. **Fears, N. E., Sherrod, G. M., Blankenship, D., Patterson, R. M., Hynan, L., Wijayasinghe, I., Popa, D. O., Bugnariu, N. L., & Miller, H. L.** (2023) Motor differences in autism during a human-robot imitative gesturing task. *Clinical Biomechanics*. Preprint published on *SportRxiv*. <https://doi.org/10.51224/SRXIV.21>
26. **Fears, N. E., Sherrod, G. M.^a, Hynan, L., Templin, T., Nguyen, M., Patterson, R., Bugnariu, N., & Miller, H. L.** (2023). Community-based postural control assessment in autistic individuals indicates a similar but delayed trajectory compared to neurotypical individuals. *Autism Research*, 16(3), 543-557. doi: [10.1002/aur.2889](https://doi.org/10.1002/aur.2889) Preprint published on *SportRxiv*. <https://doi.org/10.51224/SRXIV.122>
25. **Miller, H. L., Templin, T. N., Fears, N. E., Sherrod, G. M., Patterson, R., & Bugnariu, N. L.** (2023). Movement smoothness during dynamic postural control to a static target differs between autistic and neurotypical children. *Gait & Posture*, 99, 76-82. doi: [10.1016/j.gaitpost.2022.10.015](https://doi.org/10.1016/j.gaitpost.2022.10.015). Preprint published on *SportRxiv*. <https://doi.org/10.51224/SRXIV.85>
24. Schwarz, B.*, **Miller, H. L.***, & Oeffner, J. (2022). Office Gossip & Bullying in Physical Therapy Practice Settings. *Invited feature article in October 2022 issue of IMPACT, journal of the Private Practice Section of the American Physical Therapy Association*. <https://www.ppsimpact.org/incivility-and-bullying-in-the-workplace/>

23. **Qu, L.**, Chen, H., **Miller, H. L.**, Miller, A., Colombi, C., Chen, W., & Ulrich, D. A. (2022). Assessing the satisfaction and acceptability of an online parent coaching intervention: A mixed-methods approach. *Frontiers in Psychology*, ePublication. DOI: <https://doi.org/10.3389/fpsyg.2022.859145>
22. **Miller, H. L.**, Thomi, M., Patterson, R., & Nandy, K. (2022). Effects of intersectionality along the pathway to diagnosis for autistic children with and without co-occurring Attention Deficit Hyperactivity Disorder in a nationally-representative sample. *Journal of Autism & Developmental Disorders*. DOI: [10.1007/s10803-022-05604-0](https://doi.org/10.1007/s10803-022-05604-0)
21. **Fears, N. E.**, **Palmer, S.**, & **Miller, H. L.** (2022). Motor skills explain adaptive behavior in autistic children and adolescents. *Autism Research*, 15(6), 1083-1089. DOI: <https://doi.org/10.1002/aur.2708> PMID: PMC9167704
20. **Fears, N. E.**, **Templin, T.**, **Sherrod, G. M.**, Bugnariu, N., Patterson, R., & **Miller, H. L.** (2022). Autistic children use less efficient goal-directed whole body movements compared to neurotypical development. *Journal of Autism & Developmental Disorders*. DOI: [10.1007/s10803-022-05523-0](https://doi.org/10.1007/s10803-022-05523-0) PMID: PMC9582114.
19. Schwarz, B., & **Miller, H. L.** (2022). Workplace bullying and incivility in physical therapist education programs. *Journal of Physical Therapy Education*. DOI: <https://doi.org/10.1097/JTE.000000000000224>
18. **Richardson, M. V.**, **Miller, H. L.**, Papa, E. V., & Santurri, L. (2021). Perfectionism, stress, and the entry-level Doctor of Physical Therapy student. *Journal of Physical Therapy Education*, December 2021. DOI: [10.197/JTE.0000000000000213](https://doi.org/10.197/JTE.0000000000000213)
17. **Miller, H. L.**, **Zurutuza, I. R.**, **Fears, N. E.**, **Polat, S. O.**, & Nielsen, R. D. (2021). Post-processing integration and semi-automated analysis of mobile eye-tracking and motion-capture data obtained in immersive virtual reality environments to measure visuomotor integration. In *ETRA 2021: ACM Symposium on Eye Tracking Research & Applications*, May 25-27, 2021, Virtual Event, ACM, New York, NY, USA. DOI: [10.1145/3450341.3458881](https://doi.org/10.1145/3450341.3458881) PMID: PMC8276594.
16. **Miller, H. L.**, **Sherrod, G.**, Mauk, J., **Fears, N.**, & Caçola, P. (2021). Shared features or co-occurrence? Evaluating symptoms of Developmental Coordination Disorder in children and adolescents with Autism Spectrum Disorder. *Journal of Autism & Developmental Disorders*, 51(10), 3443-3455. DOI: [10.1007/s10803-020-04766-z](https://doi.org/10.1007/s10803-020-04766-z) PMID: PMC10177628.
15. Tamplain, P., Fuchs, C., **Sherrod, G. M.**, & **Miller, H. L.** (2021). Preliminary improvements in dynamic postural control after a group-based intervention program for children with Developmental Coordination Disorder: A brief report. *Developmental Neurorehabilitation*, 18, 1-5. DOI: [10.1080/17518423.2020.1819463](https://doi.org/10.1080/17518423.2020.1819463). PMID: PMC7769962
14. Tamplain, P. & **Miller, H. L.** (2021). What can we do about mental health in individuals with Developmental Coordination Disorder? *Current Developmental Disorders Reviews*. DOI: [10.1007/s40474-020-00209-7](https://doi.org/10.1007/s40474-020-00209-7)

On faculty at University of North Texas Health Science Center (07/15/2015 – 12/31/2020)

13. **Quan, L.**, Zhao, Y., Zhang, F., Shi, X.-T., Feng, Z., & **Miller, H. L.** (2020). Plasma trimethylamine N-oxide, a gut microbe-generated phosphatidylcholine metabolite, is associated with autism spectrum disorders. *NeuroToxicology*, 76, 93-98. DOI: [10.1016/j.neuro.2019.10.012](https://doi.org/10.1016/j.neuro.2019.10.012) PMID: PMC7385710
12. Wijayasinghe, I. B., Das, S. K., **Miller, H. L.**, Bugnariu, N. L., & Popa, D. O. (2019). Head-eye coordination of humanoid robot with potential controller. *Journal of Intelligent & Robotic Systems*, 1-13. DOI: [10.1007/s10846-018-0948-8](https://doi.org/10.1007/s10846-018-0948-8)

11. **Miller, H. L.**, Caçola, P., **Sherrod, G. M.**, Patterson, R. M., & Bugnariu, N. L. (2019). Children with Autism Spectrum Disorder, Developmental Coordination Disorder, and typical development differ in characteristics of dynamic postural control: A preliminary study. *Gait & Posture*, 67(9-11). DOI: [10.1016/j.gaitpost.2018.08.038](https://doi.org/10.1016/j.gaitpost.2018.08.038) PMID: PMC6240472
10. **Miller, H. L.**, Bugnariu, N. L., Patterson, R., **Wijayasinghe, I.**, Popa, D., &. (2017). Development of a novel visuomotor integration paradigm by integrating a virtual environment with mobile eye-tracking and motion-capture systems. *IEEE Proceedings of the International Conference on Virtual Rehabilitation*. doi: [10.1109/ICVR.2017.8007481](https://doi.org/10.1109/ICVR.2017.8007481) PMID: PMC5986090
9. Caçola, P., **Miller, H. L.**, & Ossom Williamson, P. (2017). Motor symptom similarities between individuals with Developmental Coordination Disorder and Autism Spectrum Disorder, *Research in Autism Spectrum Disorders*, 38, 6-18. doi: [10.1016/j.rasd.2017.03.004](https://doi.org/10.1016/j.rasd.2017.03.004) PMID: PMC5646683
8. **Miller, H. L.**, & Bugnariu, N. L. (2016). Level of immersion impacts the effectiveness of virtual environments used to assess or teach social skills in Autism Spectrum Disorder. *Cyberpsychology, Behavior, and Social Networking*, 19(4), 246-256. doi: [10.1089/cyber.2014.0682](https://doi.org/10.1089/cyber.2014.0682) PMID: PMC4827274
7. Park, A., **Miller, H. L.**, & Jensen-Campbell, L. A. (2016). The effects of peer relational victimization on social cognition: Rejection attribution bias or a more generalized sensitivity to social pain? *Journal of Social and Personal Relationships*, 34(7), 984-1006. doi: [10.1177/0265407516664418](https://doi.org/10.1177/0265407516664418)
6. Wijayasinghe, I. B., **Miller, H. L.**, Das, S. K., Bugnariu, N. L., & Popa, D. O. (2016). Human-like object tracking and gaze estimation with PKD android. *Proceedings of SPIE 9859, Sensors for Next-Generation Robotics III*, 98906. doi: [10.1117/12.2224382](https://doi.org/10.1117/12.2224382) PMID: PMC5798257

During postdoctoral and graduate training (01/01/2007 – 07/14/2015)

5. Hughes, S. J., Lyddy, F., Kaplan, R., Nichols, A. L., **Miller, H.**, Saad, C. G., Dukes, K., & Lynch, A. (2015). Highly prevalent but not always persistent: undergraduate and graduate student's misconceptions about psychology. *Teaching of Psychology*, 42(1), 34-42. doi: [10.1177/0098628314562677](https://doi.org/10.1177/0098628314562677)
4. **Miller, H. L.**, Ragozzino, M., Cook, E., Sweeney, J. A., & Mosconi, M. W. (2015). Selective set-shifting impairments relate to repetitive behaviors in Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, 45(3), 805-815. doi: [10.1007/s10803-014-2244-1](https://doi.org/10.1007/s10803-014-2244-1) PMID: PMC4658328
3. **Miller, H. L.**, Odegard, T. N., & Allen, G. (2014). Evaluating information processing in Autism Spectrum Disorder: The case for Fuzzy Trace Theory. *Developmental Review*, 34(1), 44-76. doi: [10.1016/j.dr.2013.12.002](https://doi.org/10.1016/j.dr.2013.12.002)
2. Farris, E. A., Odegard, T. N., **Miller, H. L.**, Ring, J., Allen, G., & Black, J. (2011). Functional connectivity between the left and right inferior frontal lobes in reading impaired and non-reading impaired children. *Neurocase*, 17(5), 425-439. doi: [10.1080/13554794.2010.532141](https://doi.org/10.1080/13554794.2010.532141) PMID: 21590585
1. Jensen-Campbell, L. A., Knack, J. M., & **Gomez, H. L.** (2010). The psychology of nice people. *Social and Personality Psychology Compass*, 4(11), 1042-1056. doi: [10.1111/j.1751-9004.2010.00307.x](https://doi.org/10.1111/j.1751-9004.2010.00307.x)

BOOK CHAPTERS

3. **Miller, H. L.**, Odegard, T. N., & Reyna, V. (2018). Autobiographical memory and autism through the lens of Fuzzy Trace Theory. *The Wiley Handbook of Autobiographical Memory, Autism Spectrum Disorder, and the Law* (Goodman, G. and Mundy, P. eds.), Part I: Chapter 2. Wiley & Sons, Hoboken: NJ. [ISBN: 978-1-119-15843-1](#)
 2. **Gomez, H. L.**, Iyer, P., Batto, L. L., & Jensen-Campbell, L. A. (2011). Friendships and adjustment. In R. J. R. Levesque (Ed.), *Encyclopedia of Adolescence, Vol. 2: Adolescents' Social and Personal Relationships*. New York, NY: Springer-Verlag. *Invited for updated edition in 2022, declined due to change in research direction.*
 1. Knack, J. M., **Gomez, H. L.**, & Jensen-Campbell, L. A. (2010). Does chronic peer victimization in childhood influence pain sensitivity? In L. A. Jensen-Campbell & G. MacDonald (Eds.), *Social Pain: Neuropsychological and Health Implications of Loss and Exclusion*. (pp. 215-236). Washington, DC: American Psychological Association.
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THESIS & DISSERTATION

Miller, H. L. (2012). *Development of gist processing skills and memory in children and young adults: Effects of presentation type in a modified DRM paradigm*. (Doctoral dissertation). Children with Autism Spectrum Disorder use inefficient goal-directed whole body movements compared to typical development. Available from ProQuest Dissertations and Theses. ([UMI No. 3513219](#))

Gomez, H. L. (2009). *Does chronic victimization lead to a Rejection Attribution Bias?* (Masters thesis). Available from ProQuest Dissertations and Theses. ([UMI No. 1464807](#))

INVITED TALKS: EXTERNAL PROFESSIONAL MEETINGS & COLLOQUIA (reverse chronological order)

On faculty at University of Michigan (01/01/2021 – Present)

16. *#Autism and #DCD in Daily Living: Twitter Users' Experiences with Motor Problems*. (2022, September). Presented to attendees of the International Motor Development Research Consortium monthly journal club meeting. International, virtual presentation.
15. *Down the Rabbit Hole...Lessons Learned from Taking a Nontraditional Path to Autism Research* (2022, May). Presented to attendees of the International Society for Autism Research Student & Trainee Workshop, Austin, TX.
14. *Serious Games: Using Virtual Reality, Eye-Tracking, and Movement Science to Understand Autism*. (2022, April). Presented to attendees of the TechB Conference, University of Miami, Miami, FL.
13. *Road to Academia: Experts Provide Guidance* (2021, December). Presented to attendees of the Smith-Kettlewell Eye Research Institute's Postdoctoral Fellowship Colloquium, San Francisco, CA. *Virtual presentation due to COVID-19 pandemic.
12. *Hidden Challenges: Visual and Motor Symptoms in Autism Spectrum Disorder* (2021, April). Presented to attendees of the Vanderbilt Kennedy Center Lectures on Development and Developmental Disabilities, Nashville, TN. *Virtual presentation due to COVID-19 pandemic.

11. *Visuomotor Integration Challenges in Autism*. (2021, April). Presented to the members of the Smith-Kettlewell Eye Research Institute, San Francisco, CA. *Virtual presentation due to COVID-19 pandemic.

On faculty at University of North Texas Health Science Center (07/15/2015 – 12/31/2020)

10. *From Inverse Dynamics to Intervention: The role of biomechanics in refining scientific and clinical approaches to motor control in autism and related disorders*. (2020*). Invited to be the keynote speaker at the annual South Central Regional Meeting of the American Society of Biomechanics, Fort Worth, TX. *Conference canceled due to COVID-19 pandemic.
9. *Motor skills and their impact on activities of daily living across the lifespan*. (2020, February). Presented at the annual *Dallas-Fort Worth Autism Conference*, Hurst, TX.
8. *Work Hard, Play Hard! Assessing Motor Problems in Autism using Serious Games*. (2019, November). Presented to faculty, students, and staff of the University of Iowa as part of the DeLTA Center Speaker Series, Iowa City, IA.
7. *Serious Games: Clinical Use of VR*. Center for BrainHealth, University of Texas – Dallas, Dallas, Texas.
6. *Clumsy or Clinical? Contextualizing Motor Problems in Autism*. (2019, October). Presented to faculty, students, and staff of the University of Kansas as part of the Kansas Center for Autism Research & Training Symposium, Kansas City, KS.
5. *Intersectionality & Treatment of Autism Spectrum Disorder: A framework for understanding the impact of co-occurring conditions, sociodemographic factors, & biases* (2019, February). Presented to attendees of Pediatric Grand Rounds, Cook Children's Medical Center, Fort Worth, TX. <http://av.cookchildrens.org/media/miller022619/>
4. *Filling in the Gaps: New Ways for Pediatric Dentists to Serve Patients with Autism Spectrum Disorder*. (2016, April). Presented to members of the Greater Dallas Pediatric Dental Society, Dallas, TX.

During postdoctoral and graduate training (01/01/2007 – 07/14/2015)

3. *Response to Intervention: Lessons from Cognitive Developmental Research*. (2013, April). Presented to the Krawczyk Lab, Center for Brain Health, University of Texas at Dallas, Dallas, TX.
2. *Sensorimotor Abnormalities in Autism Spectrum Disorder*. (2013, May). Presented to the Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, TX.
1. *Update on Autism Spectrum Disorder*. (2013, January). Presented to members of the Greater Dallas Pediatric Dental Society, Addison, TX.

INVITED TALKS: COMMUNITY MEETINGS & INTERNAL COLLOQUIA (reverse chronological order)

On faculty at University of Michigan (01/01/2021 – Present)

20. *Birds of a Feather: Overlap Between Autism & Other Co-Occurring Neurodevelopmental Conditions*. (2023, February). Presented to the faculty and staff of Ann Arbor Academy, Ann Arbor, MI.

19. *Beyond the Gym: Motor Problems and their Impact in Neurodivergence* (2022, December). Presented to attendees of the University of Michigan Health & Fitness Workshop, Ann Arbor, MI.
18. *The AAA Project: Accommodating and Accepting Autism at GAB* (2022, August). Presented to parents of students at the Georgia Academy for the Blind during annual orientation, virtual presentation.
17. *Feasibility and Efficacy of a Parent-Led Home Exercise Program to Improve Autistic Children's Postural Control*. (2022, January). Presented to the attendees of the University of Michigan Treatment, Implementation, & Dissemination Research colloquium, virtual presentation.

On faculty at University of North Texas Health Science Center (07/15/2015 – 12/31/2020)

16. *Barriers to Care for Black or Hispanic Girls and Women with Autism*. (2020, October). Presented to the members of the Intellectual and Developmental Disabilities Council of Tarrant County, TX. *Virtual presentation due to COVID-19 pandemic.
15. *IDD in Tarrant County: Moving from Awareness to Action*. (2019, November). Presented to the Junior League of Fort Worth, Fort Worth, TX.
14. *Advocating for the Special Needs Child*. (2019, September). Presented to employees of Lockheed Martin Aerospace, Fort Worth, TX.
13. *Serious Games: Clinical Use of VR*. (2019, August). Presented to attendees of the Fort Worth Museum of Science & History's Science on Tap event, Fort Worth, TX.
12. *Strategies for Improving Strength & Coordination in Autism*. (2019, July). Presented to attendees of a parent workshop hosted by the Fort Worth Museum of Science & History, Fort Worth, TX.
11. *Autism in the Community: Moving from Awareness to Action* (2018, April). Presented to attendees of the Fort Worth Museum of Science & History's PUBLIC Knowledge Series, Fort Worth, TX
10. *Sensorimotor Features of Autism & Co-occurring Developmental Coordination Disorder* (2018, February). Presented to the staff of My Health My Resources (MHMR), Fort Worth, TX.
9. *Autism and Virtual Reality* (2018, January). Presented to members of the Fort Worth Life Sciences Coalition, Fort Worth, TX
8. *Current Topics in Autism Research & the Impact on Tarrant County*. (2017, November). Presented to the members of the Intellectual and Developmental Disabilities Council of Tarrant County, Fort Worth, TX.
7. *Sensory and Motor Differences in Autism*. (2017, September). Presented to attendees at the Parent Workshop on Autism Spectrum Disorder at the Fort Worth Museum of Science and History, Fort Worth, TX.
6. *Modern Autism: New Discoveries and Fresh Perspectives*. (2017, April). Presented to attendees at the Science On Tap event at the Fort Worth Museum of Science and History, Fort Worth, TX.

During postdoctoral and graduate training (01/01/2007 – 07/14/2015)

5. *Accessibility Programming for Autism Spectrum Disorder at the Amon Carter Museum.* (2015, June). Presented to the staff of the Amon Carter Museum, Fort Worth, TX.
4. *Advancing Autism in the Community.* (2015, March). Presented to the Mayor's Committee for People with Disabilities, Arlington, TX.
3. *Accommodating for Sensory Differences in Access Programming.* (2015, February). Presented at the *Infusion & Inclusion Workshop*, hosted by the Dallas Children's Theater, Dallas, TX.
2. *Promoting Positive Theater Experiences for Families Affected by Autism Spectrum Disorder.* (2014, January). Presented to the staff of the Dallas Children's Theater, Dallas, TX.
1. *Are We There Yet? Recent Advances in Autism and the Role of Autism Speaks.* (2012, October). Presented to employees of Rothstein-Kass, Inc., Dallas, TX.

PRESENTATIONS & POSTERS (in reverse chronological order; early works appear under Haylie L. Gomez)

* = External, peer-reviewed.

Underlining = Trainees working directly under my supervision.

ORAL PRESENTATIONS

On faculty at University of Michigan (01/01/2021 – Present)

- 2023 ***Miller, H. L., Fears, N. E., Olcay Polat, S.,** & Nielsen, R. (2023, March). Measurement of neurodivergent visuomotor skills in the wild. Oral presentation at the inaugural *NSF Disability & Rehabilitation Engineering* Conference, University of Southern California, Los Angeles, CA. https://www.youtube.com/channel/UCQU97p11_axMwwmCHXG7cFw
- 2022 ***Miller, H. L., Fears, N. E., Luna-Smith, A., Mupparapu, S., Ganesh, A., Martinez, K., Sherrod, G. M.,** & Bugnariu, N. L. (2022, May). Persistent barriers to motor assessment and intervention, despite early caregiver awareness of motor symptoms. Oral presentation at the annual meeting of the *International Society for Autism Research*, Austin, TX.
- 2021 ***Richardson, M., Miller, H.,** Papa, E., & Santurri, L. (2021, October). Perfectionism appears to be stable over time in Doctor of Physical Therapy students. Oral presentation at the *APTA Education & Leadership Conference*, Atlanta, GA.
- ***Fears, N. E., Templin, T. N., & Miller, H. L.** (2021, September). Drinking from a cup: Upper extremity movements during activities of daily living in children with autism spectrum disorder. Fifth Assembly of International Motor Development Research Consortium. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)
- ***Miller, H. L., Zurutuza, I., Fears, N. E., Polat, S. O.,** & Nielsen, R. (2021, May). Post-processing integration and semi-automated analysis of mobile eye-tracking and motion-capture data obtained in immersive virtual reality environments to measure visuomotor integration. Eye Tracking Research & Applications (ETRA '21) ActivEye Workshop. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)
- ***Schwarz, B., Miller, H. L.,** Leissner, R., & Luedtke-Hoffmann, K. (2021, February). Incivility and bullying in physical therapy: Prevalence, impact, and mitigation. Oral

presentation at the Combined Sections Meeting of the American Physical Therapy Association. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)

On faculty at University of North Texas Health Science Center (07/14/2015 – 12/31/2020)

- 2020 *Schwarz, B., **Miller, H. L.**, Luedtke-Hoffmann, K., Tat, J., Barron, C., Aguirre, S., & Pollard, M. (2020, October). Workplace Incivility and Bullying: Investigating the Prevalence and Impact on Physical Therapy Practice and Education. Oral presentation at the *APTA 2020 NEXT Conference* in Phoenix, AZ. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)
- *Fears, N. E., Templin, T., Sherrod, G. M., Bugnariu, N., Patterson, R., & **Miller, H. L.** (2020, October). Children with Autism Spectrum Disorder use inefficient goal-directed whole body movements compared to typical development. Oral presentation at the International Motor Development Research Consortium National Assembly. Charleston, South Carolina. *Conference converted to virtual format as a result of the COVID-19 pandemic.*)
- Miller, H. L.** (2020, July). Preliminary assessment of visuomotor profiles in Hispanic children with Autism. Presented at the annual meeting of the Texas Center for Health Disparities, Fort Worth, TX. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)
- *Richardson, M., Papa, E., Santurri, L., & **Miller, H. L.** (2020, February). Perfectionism, Stress, and the Doctor of Physical Therapy Student. Presented at the *Combined Sections Meeting of the American Physical Therapy Association* in Denver, CO.
- ***Miller, H. L.**, Richardson, M. V., Schwarz, B., McGuffee, A., & Gillespie, D. (2020, February). Emotional Intelligence across the Professional Lifespan in Physical Therapy: From Novice Student to Expert Practitioner. Presented as an education session at the annual Combined Sections Meeting of the American Physical Therapy Association in Denver, CO.
- 2019 *Richardson, M. V., **Miller, H. L.**, Papa, E. V., Moore, E., & Santurri, L. (2019, October). Perfectionism, Perceived Stress, Sleep, and the PT Student. Presented at the annual Educational Leadership Conference of the American Physical Therapy Association in Bellevue, WA.
- ***Fears, N. E.**, Kata, K., Chang, S., Nguyen, M., Ganesh, A., & Miller, H. L. (2019, July). Navigating the pathway to diagnosis and care for individuals with Autism Spectrum Disorder. UNT Adventures in Autism Conference, Denton, Texas.
- *Bugnariu, N., **Miller, H. L.**, Patterson, R., & Thibodeau, L. (2019, July). Complex problems require complex solutions: Dynamic postural control in ecologically valid virtual environments. Presented in the “*Virtual reality in motion: moving posture and gait research forward with do-it-yourself vs turnkey systems*” symposium at the *International Society for Posture & Gait Research* meeting in Edinburgh, Scotland.
- ***Miller, H. L.**, Kata, K., Chang, S., Ganesh, A., Hamby, T., Bailey, L., Bowman, W. P., & Mauk, J. E., (2019, June). Minority females are especially vulnerable to health disparities in diagnosis and treatment of Developmental Coordination Disorder (DCD) and Autism Spectrum Disorder with and without co-occurring DCD. Presented in the *Developmental Coordination Disorder and Autism Spectrum Disorders: Similarities, differences, and co-*

occurrence symposium at the 13th International Conference on Developmental Coordination Disorder, Jyväskylä, Finland.

*Kata, K., Chang, S., Ganesh, A., Mauk, J. E., Bowman, W. P., Bailey, L., Hamby, T., & **Miller, H. L.** (2019, June). Treated prevalence of Developmental Coordination Disorder (DCD) and Autism Spectrum Disorder with co-occurring DCD is significantly less than estimated prevalence at both primary and specialty care sites. Presented in the *Developmental Coordination Disorder and Autism Spectrum Disorders: Similarities, differences, and co-occurrence* symposium at the 13th International Conference on Developmental Coordination Disorder, Jyväskylä, Finland.

***Miller, H. L.**, Sherrod, G. M., Horne, T., Burns, J., Blankenship, D., Nguyen, M., & Bugnariu, N. (2019, March). Sensory reweighting issues implicated in postural control impairments observed among children and adolescents with autism. Presented in the *Development of visual-motor integration during activities of daily living: From research to translation* symposium at the annual meeting of the Society for Research in Child Development, Baltimore, MD.

*Blankenship, D., Wijayasinghe, I., Sherrod, G., Jaramillo, J., Sankey-Navarro, X., Burns, J., Horne, T., Patterson, R., Popa, D., Bugnariu, N., & **Miller, H. L.** (2019, January). Use of robot interaction to identify kinematic differences in the accuracy of imitative gesturing between individuals with and without Autism Spectrum Disorder (ASD). Presented at the annual Combined Sections Meeting of the *American Physical Therapy Association*, Washington, DC.

2018 ***Miller, H. L.**, (2018, April) *Autism as a whole body disorder 'Comorbidities and interdisciplinary care*. Presentation at Grand Rounds at the University of North Texas Health Science Center, Fort Worth, TX.

2017 ***Miller, H. L.**, Caçola, P., & Bugnariu, N. L. (2017, June). *Dynamic postural control in typical development, Autism Spectrum Disorder and Developmental Coordination Disorder*. Presentation at the *World Congress of the International Society for Posture and Gait Research*, Fort Lauderdale, FL.

***Miller, H. L.**, Patterson, R., Wijayasinghe, I., Popa, D., & Bugnariu, N. L. (2017, June). Development of a novel visuomotor integration paradigm by integrating a virtual environment with mobile eye-tracking and motion-capture systems. Presentation at the *International Conference on Virtual Rehabilitation*, Montreal, Canada.

***Miller, H. L.**, Caçola, P., Sherrod, G., & Bugnariu, N. (2017, June). Visuomotor integration and postural stability in children with DCD and ASD. Presented by Priscila Caçola at *12th International Conference on Developmental Coordination Disorder*, Freemantle, Western Australia.

***Miller, H. L.**, Caçola, P., Sherrod, G., & Bugnariu, N. L. (2017, May). Visuomotor Integration: A potential biomarker of Autism Spectrum Disorder in lab and community-based settings. Presentation at the *International Meeting for Autism Research*, San Francisco, CA.

Miller, H. L. (2017, January). *Lab and community-based assessment of static and dynamic balance in atypically-developing children*. Presentation at the *University of Texas at Arlington Clinical Translational Research Forum*, Arlington, TX.

- 2016 **Miller, H. L.** (2016, November). *Visuomotor integration in ASD*. Presentation at the *International Society for Posture and Gait Research: Sensorimotor Functioning in Typical and Atypical Development Training School*, Fort Worth, TX.
- Miller, H. L.** (2016, November). *Challenges to the study of visuomotor integration in Autism Spectrum Disorder*. Presentation at the *UT Southwestern Translational Science Forum*, Dallas, TX.
- Miller, H. L.** (2016, April). *Development of a novel paradigm for quantifying visual and motor differences in Autism Spectrum Disorder and related movement disorders*. Presentation at the *UT Southwestern Translational Science Forum*, Dallas, TX.
- ***Miller, H. L.,** & Bugnariu, N. L. (2016, July). *Visuomotor characteristics of static and dynamic balance in atypical development*. Presentation at the 8th annual *UNT Kristin Farmer Autism Center Adventures in Autism Intervention & Research Conference*, Denton, TX.
- 2015 ***Miller, H. L.,** Mattingly, L., & Bugnariu, N. L. (2015, July). Quantifying visuomotor differences in ASD: Preliminary data from a community sample. Presented by Nicoleta Bugnariu at the 7th annual *UNT Kristin Farmer Autism Center Adventures in Autism Intervention & Research Conference*, Denton, TX.

POSTER PRESENTATIONS

On faculty at University of Michigan (01/01/2021 – Present)

- 2023 ***Miller, H. L.,** Fears, N., & Tamplain, P. (2023, May). Development of the Consortium for Motor Behavior in Neurodivergence (COMBINE). Poster presentation at the annual meeting of the *International Society for Autism Research*, Stockholm, Sweden.
- *Fears, N., & Miller, H. L. (2023, May). Examining the relationship between autistic and neurotypical children's sleep and adaptive behavior. Poster presentation at the annual meeting of the *International Society for Autism Research*, Stockholm, Sweden.
- *Muñoz Orozco, I., & **Miller, H. L.** (2023, May). Clinically-significant falls and fall-related injuries occur at a much higher rate in autistic compared to non-autistic young adults aged 18-35 years. Poster presentation at the annual meeting of the *International Society for Autism Research*, Stockholm, Sweden.
- Hickey, J., Arun, M., Munoz Orozco, I., Luna-Smith, A., Duron, G., Fears, N. E., & **Miller, H. L.** (2023). Hispanic vs. Non-Hispanic families' experiences of barriers to autism diagnosis & resources. Poster presentation at the *University of Michigan Undergraduate Research Opportunities Program Symposium*, Ann Arbor, MI.
- 2022 ***Miller, H. L.,** Chatterjee, R., Lichtenberg, G., & Fears, N. E. (2022, July). #DCD: Motor problems in the discourse and identity of Twitter users. Poster presentation at the 14th *International DCD Conference*, Vancouver, BC.
- ***Miller, H. L.,** Lichtenberg, G., Chatterjee, R., & Fears, N. E. (2022, May). Autistic Twitter users' experiences with motor problems and co-occurring DCD. Poster presentation at the annual meeting of the *North American Society for the Psychology of Sport and Physical Activity*, Waikoloa Beach, Hawaii.

*Fears, N. E., Palmer, S., & **Miller, H. L.** (2022, May). Motor Skills Predict Adaptive Behavior in Children and Adolescents with Autism Spectrum Disorder. Poster presentation at the annual meeting of the *International Society for Autism Research*, Austin, TX.

*Richardson, M., **Miller, H.**, Papa, E., & Santurri, L. (2022, Jan). A comparison of Hispanic and non-Hispanic DPT student perceived stress levels before and during COVID-19. Accepted for presentation at the annual Combined Sections Meeting of the *American Physical Therapy Association*, San Antonio, TX.

2021 *Fears, N. E., Templin, T. N., & **Miller, H. L.** (2021, May) Pressing a button and drinking from a cup: Upper extremity movements during activities of daily living in children with Autism Spectrum Disorder. International Society for Autism Research. (Virtual Meeting due to COVID-19)

*Fears, N., Sherrod, G., Templin, T., Bugnariu, N., Patterson, R., & **Miller, H. L.** (2021, April). Developmental trajectory of sensorimotor integration for postural stability in Autism Spectrum Disorder. Poster presentation at the annual meeting of the Society for Research in Child Development. (*Conference held in virtual format as a result of the COVID-19 pandemic.*)

On faculty at University of North Texas Health Science Center (07/14/2015 – 12/31/2020)

2020 ***Miller, H. L.**, Mobley, R., Fears, N. E., & Schwarz, B. (2020, May) HELP-Move: A Home exercise program led by parents to improve movement in children with Autism Spectrum Disorder. Poster presentation at the annual meeting of the International Society for Autism Research, Seattle, Washington. (*Canceled as a result of the COVID-19 pandemic.*)

*Fears, N. E., Sherrod, G. M., Templin, T., Bugnariu, N., Patterson, R., & **Miller, H. L.** (2020, May) Developmental trajectory of sensorimotor integration for postural stability in Autism Spectrum Disorder. Poster presentation at the annual meeting of the International Society for Autism Research, Seattle, Washington. (*Canceled as a result of the COVID-19 pandemic.*)

***Miller, H. L.**, Fears, N. E., & Bugnariu, N. L. (2020, June). Relationships between visual fixation and goal-directed body movement differ between Autism Spectrum Disorder, Developmental Coordination Disorder, and typical development. Poster presentation at the annual meeting of the *Vision Sciences Society* in Fort Lauderdale, FL. (*Conference converted to virtual format as a result of the COVID-19 pandemic.*)

*Mobley, R., Rohani, C., Bow, E., Schwarz, B., & **Miller, H.** (2020, February). The Effect of Exercise Programs on Children with Autism Spectrum Disorder (ASD): A Literature Review. Poster presented at the *Combined Sections Meeting of the American Physical Therapy Association* in Denver, CO.

2019 *Caçola, P., Sherrod, G., Fuchs, C., & **Miller, H.** (2019, September). "Back to Basics": Improvements in dynamic postural control after a group-based intervention program for children with Developmental Coordination Disorder. *Healthy & Active Children*. Poster presented at the International Motor Development Research Consortium in Verona, Italy.

***Miller, H. L.**, Sherrod, G. M., & Caçola, P. (2019, July). Developmental Coordination Disorder co-occurs at high rates among children and adolescents with Autism Spectrum

Disorder. Poster presented at the *International Society for Posture & Gait Research* meeting in Edinburgh, Scotland.

*Ganesh, A., Mupparapu, S., & Miller, H. L. (2019, May). Caregiver-reported use of autism-related services in the Dallas-Fort Worth metroplex and associated satisfaction ratings. Poster presented at the annual meeting of the *International Society for Autism Research (INSAR)*, Montreal, Canada.

*Kata, K., Mauk, J. E., Bowman, W. P., Bailey, L., & Hamby, T. & Miller, H. L. (2019, May). Delays in motor milestones do not differ between children with Autism Spectrum Disorder (ASD) with and without co-occurring Developmental Coordination Disorder (DCD) and children with DCD alone. Poster presented at the annual meeting of the *International Society for Autism Research (INSAR)*, Montreal, Canada.

*Sherrod, G. M., Blankenship, D., Wijayasinghe, I., Walsh, E., Patterson, R., Popa, D., Bugnariu, N., & Miller, H. L. (2019, May). Kinematic performance during a human-robot imitative gesturing task differentiates Autism Spectrum Disorder (ASD) from typical development and correlates with clinical assessments of motor skills. Poster presented at the annual meeting of the *International Society for Autism Research (INSAR)*, Montreal, Canada.

*Kata, K., Mauk, J. E., Bowman, W. P., Bailey, L., & Hamby, T. & Miller, H. L. (2019, January) Comparing motor milestone delays in Autism Spectrum Disorder and Developmental Coordination Disorder. Poster presented at the annual mid-winter meeting of the *Texas Osteopathic Medical Association*, Dallas, TX.

*Burns, J., Horne, T., Blankenship, D., Sherrod, G., Bugnariu, N., & Miller, H. L. (2019, March). Visual context relates to impairments in both dynamic and static postural control in individuals with Autism Spectrum Disorder (ASD) relative to typical development. Poster presented at the annual *UNTHSC Research Appreciation Day*, Fort Worth, TX. **[Winner: Best Poster, School of Health Professions]**

*Chang, S., Kata, K., Ganesh, A., Mauk, J., Hamby, T., Bailey, L., & Miller, H. L. (2019, March). A comparison of Autism Spectrum Disorder (ASD) and a dual diagnosis of ASD + Developmental Coordination Disorder (DCD): A case study. Poster presented at the annual *UNTHSC Research Appreciation Day*, Fort Worth, TX.

*Mobley, R., Rohani, C., Bow, E., & Miller, H. L. (2019, March). The effect of exercise programs on children with Autism Spectrum Disorder (ASD): A review of current literature. Poster presented at the annual *UNTHSC Research Appreciation Day*, Fort Worth, TX.

*Shahub, N. A., & Miller, H. L. (2019, March). A comparison of Social Responsiveness Scores in patients aged 0-24 with Autism Spectrum Disorder or schizophrenia. Poster presented at the annual *UNTHSC Research Appreciation Day*, Fort Worth, TX.

*Quan, L., Liu, H., & Miller, H. L. (2019, March). Treatment of hyperbaric oxygen combined with cannabidiol promotes recovery of brain damage in newborn rats with hypoxia-ischemia. Poster presented at the annual *UNTHSC Research Appreciation Day*, Fort Worth, TX.

*Horne, T., Burns, J., Blankenship, D., Sherrod, G., Bugnariu, N., & Miller, H. L. (2019, January). Visual context relates to impairments in both dynamic and static postural control in individuals with Autism Spectrum Disorder (ASD) relative to typical

development. Presented at the annual Combined Sections Meeting of the *American Physical Therapy Association*, Washington, DC.

2018

Miller, H. L., Thomi, M., Kata, K., Patterson, R., Nandy, K., Hamby, T., Bailey, L., Bowman, P., & Mauk, J. (2018, July). Minority females are vulnerable to missed or delayed diagnosis of autism spectrum disorder in both local and national healthcare settings. *Poster presented at the annual meeting of the Texas Center for Health Disparities, Fort Worth, TX.*

***Miller, H. L., Caçola, P., Sherrod, G. M., & Bugnariu, N. L.** (2018, May) Individuals with Autism Spectrum Disorder meet criteria for Developmental Coordination Disorder. *Poster presented at the annual meeting of the International Society for Autism Research (INSAR), Rotterdam, Netherlands.*

Bolinger, E., Gray, J., Dangelmayr, K., Sherrod, G., Bugnariu, N., & Miller, H. L. (2018) Postural control and use of eye movements differ during quiet standing in Autism Spectrum Disorder and Typical Development. Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

Kata, K., Miller, H. L., Mauk, J.E., Bowman, W.P., Bailey, L., & Hamby, T. (2018) *Estimated community prevalence of Autism Spectrum Disorder with and without co-occurring Developmental Coordination Disorder significantly exceeds observed prevalence at two Tarrant County sites offering primary and secondary care.* Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

Kata, K., Miller, H. L., Mauk, J.E., Bowman, W.P., Bailey, L., & Hamby, T. (2018) *A multi-center retrospective investigation of diagnostic, referral, and early management pathways for pediatric patients with Autism Spectrum Disorder and Developmental Coordination Disorder.* Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

Mupparapu, S., & Miller, H. L., (2018) Development of a REDCap online survey instrument to measure autism-related service utilization and satisfaction in the Dallas-Fort Worth metroplex. Poster presented at the *University of North Texas Health Science Center Public Health Poster Experience*, Fort Worth, TX.

Thomi, M., Patterson, R. M., & Miller, H. L. (2018) Health disparities in age of first concern and age of diagnosis for children with ASD, ADHD, and ASD+ADHD are evident in a national sample. Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX

2017

Womble, V. L., Sherrod, G. M., Mupparapu, S., Caçola, P., Bugnariu, N. L., & Miller, H. L. (2017). Postural stability and reliance on visual context differ between Autism Spectrum Disorder, Developmental Coordination Disorder, and typical development. Presented at the *Summer Research Internship Program* meeting, Fort Worth, TX, 1025.

***Miller, H. L., Sherrod, G., & Bugnariu, N.** (2017, April). *Ready, Aim...Fire? Hand-eye coordination impairments in Autism Spectrum Disorder during a virtual shooting gallery task.* Poster accepted for presentation at the *Society for Research in Child Development 2017 Annual Meeting*, Austin, TX.

***Miller, H. L., Caçola, P., Sherrod, G., & Bugnariu, N.** (2017, April). *Eye and body movement as promising biomarkers and intervention targets in Autism and*

Developmental Coordination Disorder. Poster accepted for presentation at the *Society for Research in Child Development 2017 Annual Meeting*, Austin, TX.

Green, K., Miller, H., Mattingly, L., & Bugnariu, N. (2017, April) *Atypical eye movements and postural control in Autism Spectrum Disorders*. Accepted for presentation at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

*Green, K., Miller, H., & Bugnariu, N. (2017, February). *Atypical eye movements and postural control in Autism Spectrum Disorders*. Presented at the annual *Combined Sections Meeting of the American Physical Therapy Association*, San Antonio, TX.

2016

Sherrod, G. M., Miller, H. L., Caçola, P. M., & Bugnariu, N. L. (2016, April). *Preliminary evidence of a relationship between quantitative measures of postural stability and clinical movement tests in developmental coordination disorder*. Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

*Miller, H. L., Mattingly, L., & Bugnariu, N. L. (2016, May). Postural stability and its limits in Autism Spectrum Disorder relate to visual context. Presented at the 2016 *International Meeting for Autism Research (IMFAR)*, Baltimore, MD, 22645 146.192, www.autism-insar.org.

*Miller, H. L., Caçola, P., Sherrod, G., Patterson, R., & Bugnariu, N. (2016, April). *Visuomotor integration differences in individuals with autism spectrum disorder and developmental coordination disorder during static and dynamic postural control tasks*. Poster presented at the *Association for Clinical and Translational Science 2016 Annual Meeting*, Washington, DC.

*Miller, H. L., Caçola, P., Sherrod, G., Patterson, R., & Bugnariu, N. L. (2016, May). *Postural control relates to accuracy of eye movement in Autism Spectrum Disorder and Developmental Coordination Disorder*. Presented at the 2016 *International Meeting for Autism Research (IMFAR)*, Baltimore, MD, 22679 146.191, www.autism-insar.org.

Edgerton, K., Miller, H., Mattingly, L., & Bugnariu, N. (2016, April). *Atypical eye movements and postural control in Autism Spectrum Disorders*. Poster presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.

*Crocker, K., Edgerton, K., Patterson, R., Bugnariu, N., & Miller, H. (2016, February). *Visuomotor integration in atypical development*. Presented at the *Combined Sections Meeting of the American Physical Therapy Association*, Anaheim, CA.

2015

*Wijayasinghe, I. B., Miller, H. L., Das, S. K., Bugnariu, N. L., & Popa, D. O. (2015). *Human-like object tracking and gaze estimation with PKD android*. Presented at the annual meeting of the *Society for Optics and Photonics, Sensors for Next-Generation Robotics III*, Baltimore, MD, 985906. <http://dx.doi.org/10.1117/12.2224382>.

Miller, H. L., Mattingly, L., & Bugnariu, N. L. (2015, March). Portable, novel methods for testing the use of visual context to support balance in a naturalistic setting. Presented at the *Fort Worth Museum of Science and History—Research and Learning Center Conference*, Fort Worth, TX.

Miller, H. L., Mattingly, L., & Bugnariu, N. L. (2015, October). Visual tracking and postural stability in a community sample of individuals with autism spectrum disorder and healthy controls. Poster presented at the *Texas Regional CTSA Consortium Fall 2015 Meeting*, Dallas, TX.

During postdoctoral and graduate training (01/01/2007 – 07/14/2015)

- 2014 ***Miller, H. L.**, Patterson, R., Popa, D., Garver, C., de Weerd, C., & Bugnariu, N. (2014, May). *Quantifying imitative behavior deficits in children with Autism Spectrum Disorder*. Presented at the 2014 International Meeting for Autism Research, Atlanta, GA.
- Krishnan, M. L., **Miller, H. L.**, & Bugnariu, N. L. (2014, February). *The current use of virtual environments for assessment and treatment of Autism Spectrum Disorder*. Presented at the annual *University of North Texas Health Science Center Research Appreciation Day*, Fort Worth, TX.
- 2013 ***Miller, H. L.**, Mosconi, M. W., Ragozino, M., Cook, E., & Sweeney, J. A. (2013, July). *Selective set-shifting impairments relate to repetitive behaviors in ASD*. Presented at the 2013 *Texas Autism Research Conference*, San Marcos, TX.
- 2012 Ramirez, M. A., Nichols, H. A., **Miller, H. L.**, & Odegard, T. N. (2012, March) *Narrative processing in children and young adults*. Presented at the *University of Texas–Arlington Annual Celebration of Excellence by Students*, Arlington, TX.
- 2011 ***Miller, H. L.**, Odegard, T. N., Alavapadu, A., Ravelo, R., & Hemlinger, J. (2011, May). *Contributions of gist processing and narrative versus list presentation to source monitoring and recognition judgments within a modified DRM framework*. Presented at the 23rd annual convention of the *Association for Psychological Science*, Washington, DC.
- *Hughes, S., Dukes, K., Gabriel, C., **Gomez, H.**, Kaplan, R., Lynch, A., Lee Nichols, A., & Lyddy, F. (2011, May). Do graduate students really think straight about weird things? Presented at the 23rd annual convention of the *Association for Psychological Science*, Washington, DC.
- *Hughes, S., Dukes, K., Gabriel, C., **Gomez, H.**, Kaplan, R., Lynch, A., Lee Nichols, A., & Lyddy, F. (2011, January). Do graduate students really think straight about weird things? Presented at the 12th annual convention of the *Association for Psychological Science*, San Antonio, TX.
- 2010 Ravelo, R., **Gomez, H. L.**, Alavapadu., A., Hemlinger, J., & Odegard, T. N. (2010, March). *The influence of presentation type (list versus narrative) on gist processing and source memory*. Presented at the *University of Texas–Arlington Annual Celebration of Excellence by Students*, Arlington, TX.
- *Gomez, H. L.**, Batto, L. L., Goodell, K. L., & Jensen-Campbell, L. A. (2010, January). *Victimization and the need to belong: An EEG study of reactions to ostracism*. Presented at the 11th annual convention of the *Society for Personality and Social Psychology*, Las Vegas, NV.
- Gomez, H. L.**, Batto, L. L., & Jensen-Campbell, L. A. (2010, February). *Biobehavioral markers of the Rejection Attribution Bias*. Presented at *UT Metroplex Day*, Dallas, TX.

- Alavapadu, A., Moore, K., **Gomez, H. L.**, Ravelo, R., Hemlinger, J., & Odegard, T. N. (2010, March). *Influences of presentation type and item type on gist processing and recognition memory*. Presented at the *University of Texas–Arlington Annual Celebration of Excellence by Students*, Arlington, TX.
- 2009
- *Farris, E. A., Odegard T. N., **Gomez, H.**, Ring, J., Allen, G., & Black, J. (2009, May). *Frontal lobe functional connectivity in reading impaired and non-reading impaired children*. Presented during the Architecture of the Mind Poster Session at the 21st annual convention of the *Association for Psychological Science*, San Francisco, CA.
- *Knack, J. M., **Gomez, H. L.**, Rex-Lear, M., & Jensen-Campbell, L. A. (2009, April). *Neural correlates of victimization and support: An fMRI study of social exclusion*. Presented at the biennial meeting of the *Society for Research in Child Development*, Denver, CO.
- ***Gomez, H. L.**, Goodell, K. L., & Batto, L. L. (2009, April). *Individual differences in experiencing social pain: Victimization history and threatened needs*. Presented at the biennial meeting of the *Society for Research in Child Development*, Denver, CO.
- ***Gomez, H. L.**, Goodell, K. L., & Batto, L. L. (2009, February). *Victimization and nBelong: Examining individual differences in social pain thresholds*. Presented at the 10th annual *Society for Personality and Social Psychology* conference, Tampa, FL.
- 2008
- Knack, J. M., Rex-Lear, M., **Gomez, H. L.**, & Jensen-Campbell, L. A. (2008, October). *Neural correlates of victimization and social support: An fMRI study of social exclusion*. Presented at the annual *University of Texas at Arlington College of Science Research Day*, Arlington, TX.
- *Knack, J. M., **Gomez, H. L.**, & Jensen-Campbell, L. A. (2008, July). *Neural correlates of victimization and support: An fMRI study of social exclusion*. Presented at the biennial meeting of the *International Society for the Study of Behavioral Development*, Würzburg, Germany.
- *Ramirez, M. C., Knack, J. M., **Gomez, H. L.**, Jensen-Campbell, L. A. (2008, February) *How important is self-control for adolescent functioning?* Presented at the 9th annual convention of the *Society for Personality and Social Psychology*, Albuquerque, NM.
- ***Gomez, H. L.**, Knack, J. M., Jensen-Campbell, L. A., Allen, G., Sarkar, S., Gomez, M. A., Rex-Lear, M., Campbell, S. (2008, February) *Is exclusion higher for people with a high need to belong?* Presented at the 9th annual convention of the *Society for Personality and Social Psychology*, Albuquerque, NM.
- Gomez, H. L.**, Knack, J. M., Jensen-Campbell, L. A., Allen, G., Sarkar, S., Gomez, M., Rex-Lear, M., Campbell, S. (2008, February) *Is exclusion higher for people with a high need to belong?* Presented at the 8th annual convention of the *University of Texas at Arlington Psi Chi Honor Society*, Arlington, TX.
- 2007
- Rex-Lear, M. A., Gomez, M. A., **Gomez, H. L.**, & Jensen-Campbell, L. A. (2007, February). *The negative influence of being overweight on psychological adjustment in late adolescence*. Presented at the 5th annual convention of the *University of Texas at Arlington Psi Chi Honor Society*, Arlington, TX.

*Knack, J. M., Jensen-Campbell, L. A., Allen, G., Sarkar, S., Gomez, M., Rex-Lear, M., **Gomez, H.**, Biggan, J., & Campbell, S. (2007, May). *Neural correlates of belonging: An fMRI study of social exclusion*. Presented at the *Neural Systems of Social Behavior* conference, Austin, TX.

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

2021 – Present	Member, University of Michigan PLUMA Affiliated Faculty, University of Michigan Treatment, Implementation, & Dissemination Research Group Member, Society for Advancement of Chicanos/Hispanics and Native Americans in Science
2020 – Present	Member, International Motor Development Research Consortium
2017 – Present	Member, International Society for Posture & Gait Research Member, International Society for Virtual Rehabilitation
2015 – Present	Member, Society for Research in Child Development
2013 – Present	Member, International Society for Autism Research
2013 – 2015	Member, Society for Neuroscience
2010 – 2012	Graduate Student Affiliate, American Psychological Society: 2010–2012
2010 – 2011	Member at Large (elected), Graduate Student Committee of the Society for Personality and Social Psychology
2007 – 2012	Member, American Psychological Association of Graduate Students Member, UT Arlington Graduate Association of Psychology Students Graduate Student Affiliate, American Psychological Association Graduate Student Affiliate, Society for Personality & Social Psychology Graduate Student Affiliate, Society for Research in Child Development

SERVICE

Thesis, Qualifying Exam, & Dissertation Committees (Student, Institution: Role)

2022 – 2023	Kristin Perrin; Ph.D. candidate; University of Michigan, Qualifying Exam Committee Member
2021 – 2022	Stephanie Palmer; Ph.D. candidate; University of Michigan, Qualifying Exam Committee Member, February 2020-December 2022
2021 – 2022	Lu Qu; Ph.D.; University of Michigan, Committee Co-Chair
2019 – Present	Courtney Miller; Ph.D. candidate; UNTHSC, Committee Member
2019	Yi Huey Lim, Ph.D.; Curtin University: Examiner
2019	Savannah Hancock; M.S. candidate, UNTHSC/GSBS: Committee Chair

2017 – 2019 Mike Richardson, DPT; D.Sci., University of Indiana: Committee Member
2017 – 2018 Morgan Thomi, M.S.; UNTHSC/GSBS: Committee Co-Chair
2017 Kwang Leng (Alex) Goh, Ph.D.; Curtin University: Examiner

Internal/Institutional Service (Level: Institution/School/Department)

University of Michigan

2021 – Present Co-Developer & Co-Leader, KidSport Adaptive Summer Camp (*School*)
2022 – Present Member, Graduate Admissions Committee (*School*)
2021 – Present Inaugural Chair (2021 – 2022), Member (2022 – Present), Graduate Student Wellness Committee (*School*)

University of North Texas Health Science Center

2019 – 2020 Appointed Member, Emotional Intelligence Faculty Champions (*Institution*)
Appointed Member, Faculty Success Coordinating Committee (*Institution*)
Appointed Member, Research Faculty Search Committee (*Department*)
Appointed Member, GSBS Dean Search Committee (*Institution*)
2018 – 2020 Reviewer, Applied Seed Grants (*Institution*)
2017 – 2020 Founding Member, Autism Education & Advocacy Group (*Institution*)
2017 – 2019 Appointed Member, President's Council for Research (*Institution*)
2017 – 2020 Chair (2018 – 2020), Appointed Member (2017 – 2018), Early Career Development Council (*Institution*)
2017 – 2020 Appointed Member, Institutional Review Board (*Institution*)
2017 – 2018 Appointed Member, Valubility Committee (*Institution; School Representative*)
2016 – 2017 Appointed Member, Core Facilities Workgroup (*Institution*)
Appointed Member, Institutes Advisory Committee (*Institution*)
2016 – 2020 Appointed Member, PT Faculty Development Fund Task Force (*Department*)
2015 – 2020 Appointed Member, PT Research Committee (*Department*)

External Service

2023 – Present Deputy editor, *Autism in Adulthood*
2022 – Present MiPAAC member, Michigan Parent, Advocate, & Attorney Coalition
2021 – Present iMDRC Journal Club Coordinating Committee member, International Motor Development Research Consortium
2018 – Present Study section ad hoc reviewer, NIH (2018, 2020, 2021, 2022)
2018 – 2020 Panel reviewer, NSF (2018, 2020)
2015 – Present Ad hoc reviewing for indexed, peer-reviewed journals including: *Journal of Autism and Developmental Disorders, Neuroscience, Research in Autism Spectrum Disorders, Research in Developmental Disabilities, Autism Research, Transactions on Accessible Computing, Physical Therapy, Journal of Racial and Ethnic Health Disparities, Heliyon, Autism & Developmental Language*

Impairment, Child Development, Gait & Posture, Human Movement Science, Behavior Research Methods, Applied Physical Activity Quarterly

- 2019 Science fair judge, Fort Worth Independent School District
- 2017 – 2020 Member, Intellectual & Developmental Disabilities Council of Tarrant County
Member, Communications Committee (July 2017–Dec 2020)
Member, Board of Directors (elected, Jan 2018–Dec 2020)
- 2016 – 2020 Founding Member, North Texas Regional Consortium to Promote Healthy Lifestyles for Persons with Intellectual & Developmental Disabilities
- 2014 – 2020 Advisor, Sensory-Friendly Programming, Amon Carter Museum
Founding Member, ASD Advisory Board, Ft. Worth Museum of Science & History
- 2013 – 2020 Founding Member, Autism Program Advisory Council, Dallas Children’s Theater
Reviewer, Baker Summer Camp Grants, Autism Speaks
Founding Member, Dallas-Fort Worth Community Access Network
- 2012 – 2020 Reviewer, Family Services Grants, Autism Speaks
Founding Member, Dallas-Valencia Citizens’ Committee
- 2010 – 2011 Member-at-Large (elected), Graduate Student Committee of the Society for Personality and Social Psychology
- 2009 Session monitor, Society for Research in Child Development Conference
- 2009 Psychology representative, Ousley Junior High Career Day (fall & spring)
Reviewer, Student Poster Award, Society for Personality & Social Psychology
- 2009 – 2018 Volunteer, Autism Speaks
Inaugural Member/Chair of Programs & Services, Texas Board of Directors (appointed, 2015–2017)
Walk Now for Autism Speaks Chair, AS-DFW (appointed, 2012 & 2014)
Walk Committee Member, Autism Speaks-Dallas/Fort Worth (2010–2018)
Kickoff Chair, AS-DFW (2010)
Events Chair, AS-DFW (2011)
Volunteer Development Chair, AS-DFW (2012–2018)
Autism Speaks to Young Professionals Co-Chair, AS-DFW (2012–2015)

TEACHING

- 2021 – Present **University of Michigan**
AES 313 / KIN 513–Emotional Intelligence, Interpersonal Skills, & Wellness (Lecture, 3 credits)–Winter 2021, 2022
MOVESCI 425 / AES 425 / KIN 425– Disability & Movement (previously Pediatric Disability & Physical Activity) (Lecture, 3 credits)–Fall 2022, Winter 2023, Fall 2023
- 2008 – 2012 **University of Texas at Arlington**
PSYC 3310–Developmental Psychology (Lecture, 3 credits)–Fall 2008/2009, Spr 2010
PSYC 2443–Research Design & Statistics I (Lab, 1 credits)–Spr 2009

PSYC1315–Introduction to Psychology (Lecture, 3 credits)–Sum 2009
PSYC 3314–Personality Psychology (Lecture, 3 credits)–Sum 2010
PSYC 3315–Social Psychology (Lecture, 3 credits)–Fall 2010
PSYC 3334–Cognitive Processes (Lecture, 3 credits)–Spr/Sum/Fall 2011, Spr 2012

Graduate Statistics Clinic –Fall 2010
Undergraduate Statistics Clinic –Spr 2009-Fall 2010

2015 – 2020

University of North Texas Health Science Center

Optimizing Learning workshop – Department of Physical Therapy – annual at graduate student orientation, 2017-2020

LHLT 5000–Lifestyle Health I (Graduate Online, 3 credits)–Fall 2014-Spring 2019

LHLT 5001–Lifestyle Health II (Graduate Online, 3 credits)–Spr 2015-Spring 2019

MEDE 7311 / 7312–Clinical Communication (Graduate Seminar, 6 credits) – Spr/Sum/Fall 2015-Spring 2019

MPAS 5001 / DPHT 7001–Emotional Intelligence (Graduate Seminar, 0 credits)– Sum 2018-Spring 2020

MPAS 5002 / DPHT 7002–Emotional Intelligence (Graduate Seminar, 0 credits)– Sum 2019-Spring 2020

2014

University of North Texas

EDSP 6520–Biomedical Aspects of Autism (Graduate Lecture, 3 credits)–Sum 2014

Guest Lectures in Graduate Courses

2018 – 2020 *Motivational Interviewing to Increase Patient Adherence.* Annual guest lecture in Therapeutic Exercise II (DPHT 7350) graduate course, Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, TX.

2014 – 2020 *Pain and the Brain.* Annual guest lecture in Musculoskeletal Physical Therapy I (DPHT 7541) graduate course, Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, TX.

Managing the Psychological Experience of Pain in Therapeutic Exercise. Annual guest lecture in Therapeutic Exercise I (DPHT 7330) graduate course, Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, TX.

2017 *Motor skills and sensorimotor integration challenges in Autism Spectrum Disorder.* Guest lecture in Biomedical Aspects of Autism (EDSP 6520), Autism Graduate Program, University of North Texas, Denton, TX.s

2014 *Optimizing Care for Patients with Autism Spectrum Disorder.* Guest lecture in Care of the Special Needs Patient (DDDS 8340), Pediatric Dentistry Resident Program, Texas A&M University Baylor College of Dentistry, Dallas, TX.

2013 *Current State of Research and Approaches to Patient Care for Autism Spectrum Disorders.* Guest lecture in Care of the Special Needs Patient (DDDS 8340),

Pediatric Dentistry Resident Program, Texas A&M University Baylor College of Dentistry, Dallas, TX.

Neurological & Psychological Factors Influencing the Experience of Pain. Guest lecture in Musculoskeletal Physical Therapy I (DPHT 7541) graduate course, Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, TX.

MENTORSHIP

^a = Students who are members of identity groups historically-underrepresented in STEM based on race/ethnicity, gender identity, disability, first generation or low-income background.

2020 – Present **University of Michigan, Motor & Visual Development Lab**

Postdoctoral Trainees:

- 2019 – 2022 Nicholas Fears, Ph.D.
- Served as a member of the INSAR Student & Trainee Committee (2020-2022; competitive application).
 - Secured a tenure-track faculty position at Louisiana State University (Aug 2022).
 - Awarded \$250,000 in internal and foundation research grants in year 1 of his faculty position to continue the line of work he developed during postdoctoral training.
 - Serving as a member of the INSAR Early Career Committee (2023-present; competitive application).

Graduate Students: (* = students with primary mentorship in another lab)

- 2022 – Present Isabel Munoz Orozco ^a (doctoral student, Movement Science; primary mentor & dissertation committee chair)
- 2021 – 2022 Stephanie Palmer* ^a (doctoral student, Movement Science; research rotation mentor, guidance committee & qualifying exam committee member)
- 2021 – 2022 Lu Qu* ^a (doctoral student, Movement Science; dissertation committee co-chair)

Undergraduate Students: (* = students selected for the competitive Undergraduate Research Opportunities Program)

- 2022 – Present Julianna Hickey* ^a (undeclared)
Mithra Arun* ^a (undeclared)
Geetje Duron* ^a (undeclared)
LeAnne Brownlee ^a (undeclared)
- 2021 – Present Ann Kushnir ^a (Applied Exercise Science)
Shannan Sun ^a (Behavior, Cognition, & Neuroscience)
Grace Godes* ^a (Biomedical Engineering)
Brea Gardner* ^a (Behavior, Cognition, & Neuroscience)
Kaitlin Briggs* ^a (Behavior, Cognition, & Neuroscience)
Gavin Lichtenberg* (Behavior, Cognition, & Neuroscience)
Riya Chatterjee* ^a (Behavior, Cognition, & Neuroscience)

Stacey Hirsch ^a (Movement Science)
Benjamin Shapiro (Behavior, Cognition, & Neuroscience)

2018 – Present

University of North Texas; provided research training to engineering graduate students and Texas Academy of Math & Sciences students (Co-PI: Rodney Nielsen, Ph.D.)

Graduate Students:

2020 – Present Suleyman Olcay Polat (doctoral student)

2019 – 2021 Ian Zurtuza ^a (master's student)

2018 Perrin Kern ^a (master's student)

Natalie Parde ^a (doctoral student; currently a tenure-track faculty member at University of Illinois Chicago)

TAMS Student: (high school to college bridge program)

2018 – 2020 Rhythm Garg

- Awarded 2nd place in the Intel International Science & Engineering Fair, APA Association for the Advancement of Artificial Intelligence Honorable Mention and American Psychological Association Honorable Mention for submissions using work product generated in my lab.

2013 – 2021

University of North Texas Health Science Center, Autism & Developmental Disorders Research Team & Human Movement Performance Lab

Staff Trainees:

2015 – 2017

Gabriela Sherrod, B.S. (clinical psychology doctoral candidate at the University of Alabama – Birmingham)

- Provided guidance in development of a study of autistic visuomotor behavior during driving grounded in technical skills and knowledge developed in my lab, which is now funded by an Eisenhower Transportation Fellowship

Postdoctoral Trainees:

2018

Lijuan Quan, MD ^a; *First Affiliated Hospital, Nanchang University; Nanchang, Jiangxi, China*; one-year visiting scholar fellowship.

Doctor of Physical Therapy Students: (* = competitive American Physical Therapy Association CSM Scholarship)

2018 – 2021

Emily Bow ^a
Natali Mesa ^a
Darby Banks ^a

2017 – 2020

Rachael Mobley ^a
Kayla Martinez ^a
Carmel Rohani ^a

2017 – 2019

Xiomara Navarro-Sankey*
Janci Burns ^a
Danielle Blankenship ^a
Julio Jaramillo ^a

2016 – 2018

Erin Bolinger ^a

	Jaimie Gray ^a Kalyn Danglmayer ^a
2014 – 2016	Kaitlyn Green ^a (co-supervised with Nicoleta Bugnariu)
2014 – 2015	Kara Edgerton ^a Kayla Crocker (co-mentored with Nicoleta Bugnariu)
2013 – 2014	Meena Krishnan ^a

Doctor of Osteopathic Medicine: (* = *competitive Pediatric Research Program*):

2019 – 2021	Mi Sun Bae ^a (anesthesiology resident, UNTHSC) Samantha Haverkamp ^a Shanzay Mohammad ^a Blake Pruitt* ^a (emergency medicine resident, UNTHSC)
2018 – 2020	Abhi Ganesh* ^a (currently in residency training for pediatric neurology at Vanderbilt University) Shannon Chang* ^a (currently in residency training for obstetrics & gynecology at HCA Houston Healthcare) Trevor Williams Nur-Alhuda Shahub ^a
2016 – 2019	Karolina Kata* ^a (currently in residency training for pediatric neurology at Washington University in St. Louis) Monica Nguyen ^a

Master of Public Health: (* = *students who completed a lab internship project*)

2019 – 2020	Joseph Vera* ^a (doctoral candidate at OHSU with Dr. Christina Nicolaidis)
2017 – 2018	Shravan Mupparapu* Laci Sherman ^a

Graduate School of Biomedical Sciences: (* = *Clinical Research Management master's program*; ** = *Structural Anatomy & Rehabilitation Sciences doctoral program*)

2020 – Present	Courtney Miller** ^a
2019 – 2020	Savannah Hancock* ^a
2017 – 2018	Morgan Thomi* ^a

Undergraduate Students: (* = *competitive Summer Research Internship or Summer Medical & Research Training Programs supported by the National Research Mentoring Network*)

2018	Ivonne Peña-Alejo ^a , <i>Brandeis</i> ; NIH BUILD Fellow
2017	Victoria Womble ^a , <i>CSU Northridge</i> ; NIH BUILD Fellow

2008 – 2012

University of Texas at Arlington

2011	Developed training syllabus and mentored undergraduate research via in UT Arlington's iEngage research program.
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- 2010 – 2012 Trained and supervised undergraduate researchers in the Reading and Memory Lab (PI: Timothy Odegard, Ph.D.)
- 2010 Mentored 2 undergraduate honors students in Developmental Psychology (course faculty supervisor: Lauri Jensen-Campbell, Ph.D.).
- 2008 – 2009 Trained and supervised undergraduate researchers in the Social & Personality Development Lab (PI: Lauri A. Jensen-Campbell, Ph.D.)