

Nicholas E. Fears, PhD

Motor & Visual Development Lab
School of Kinesiology
University of Michigan
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Education

- 2019 Ph.D. in Psychological Science
The development of handwriting in young children
Tulane University
Advisor: Jeffrey J. Lockman, Ph.D.
- 2016 M.S. in Psychological Science
The development of vision and basic reading skills in handwriting
Tulane University
Advisor: Jeffrey J. Lockman, Ph.D.
- 2013 B.S. in Psychology (with honors)
Surface features and visually-guided action development in toddlers
Indiana University
Advisor: Linda B. Smith, Ph.D.

Postdoctoral Training

- 2021-Present Postdoctoral Research Fellow
Motor & Visual Developmental Lab
School of Kinesiology
University of Michigan
Advisor: Haylie L. Miller, Ph.D.
- 2019-2020 Postdoctoral Research Associate
Autism and Developmental Disorders Research Team
University of North Texas Health Science Center
Advisor: Haylie L. Miller, Ph.D.
- 2019-2020 Clinical & Translational Research Scholar
Center for Translational Medicine
University of Texas Southwestern Medical Center

Publications

Miller, H. L., Sherrod, G. M., Mauk, J. E., **Fears, N. E.**, & Tamplain, P. M. (2021). Shared features or co-occurrence? Evaluating symptoms of Developmental Coordination Disorder in children and adolescents with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-020-04766-z>

Miller, H. L., Zurutuza, I. R., **Fears, N. E.**, Polat, S. O., Nielsen, R. D. (2021) Post-processing integration and semi-automated analysis of eye-tracking and motion-capture data obtained in immersive virtual reality environments to measure visuomotor integration. *Proceedings of ACM Eye Tracking Research & Applications '21*. <https://doi.org/10.1145/3450341.3458881>

Fears, N. E. & Lockman, J. J. (2020). Case- and form-sensitive letter frequencies in children's picture books. *Early Childhood Research Quarterly*, 53, 370-378. <https://doi.org/10.1016/j.ecresq.2020.05.004>

Fears, N. E. & Lockman, J. J. (2020). Using head-mounted eye-tracking to study handwriting development. *Journal of Motor Learning and Development*, 8(1), 215-231. <https://doi.org/10.1123/jmld.2018-0057>

Fears, N. E., Walsh, L. E., & Lockman, J. J. (2020). Letter writing instruction for children: Case-sensitive letter frequencies in children's handwriting workbooks. *Reading and Writing: An Interdisciplinary Journal*, 33, 171-185. <https://doi.org/10.1007/s11145-019-09954-7>

Fears, N. E., Bailey, B., Youmans, B., & Lockman, J. J. (2019). An eye-tracking method for directly assessing children's visual-motor integration. *Physical Therapy*, 99(6), 797-806. <https://doi.org/10.1093/ptj/pzz027>

Lockman, J.J., **Fears, N. E.**, & Jung, W. P. (2018). The development of object fitting: The dynamics of spatial coordination. *Advances in Child Development and Behavior*, 55, 31-72. <https://doi.org/10.1016/bs.acdb.2018.05.001>

Fears, N. E. & Lockman, J.J. (2018). How beginning handwriting is influenced by letter knowledge: Visual-motor coordination during children's form copying. *Journal of Experimental Child Psychology*, 171, 55-70. <https://doi.org/10.1016/j.jecp.2018.01.017>

Lockman, J.J., **Fears, N. E.** & Lewis, E. A. (2018). Spatial development. *Oxford Research Encyclopedia: Psychology*. Oxford, UK: Oxford University Press. <https://doi.org/10.1093/acrefore/9780190236557.013.63>

Lockman, J.J., Lewis, E. A., **Fears, N. E.** (2018). Ecology. *The SAGE Encyclopedia of Lifespan Human Development*. 702-705. Thousand Oaks, California: Sage Publications, Inc.

Manuscripts Under Review/Revision/Preprint

Fears, N. E., Templin, T., Sherrod, G. M., Bugnariu, N., Patterson, R., & Miller, H. L. (2021) Children with Autism Spectrum Disorder use inefficient goal-directed whole body movements compared to typical development. *SportRxiv* (under review at *Journal of Autism & Developmental Disorders*). <https://doi.org/10.51224/SRXIV.17>

Miller, H. L., Templin, T., **Fears, N. E.**, Sherrod, G. M., Patterson, R., & Bugnariu, N. (2021) Movement smoothness during dynamic postural control to a static target differs between autistic and neurotypical children. *SportRxiv* (under review at *Gait & Posture*). <https://doi.org/10.51224/SRXIV.85>

Fears, N. E., Sherrod, G. M., Blankenship, D., Patterson, R. M., Hynan, L., Wijayasinghe, I., Popa, D. O., Bugnariu, N. L., & Miller, H. L. (2021) Motor differences in Autism Spectrum

Disorder during a human-robot imitative gesturing task. *SportRxiv* (in preparation to be submitted to *Clinical Biomechanics*). <https://doi.org/10.51224/SRXIV.21>

Manuscripts in Preparation

Fears, N. E., Sherrod, G. M., Templin, T., Bugnariu, N., Patterson, R., & Miller, H. L. (in preparation to be submitted to *Autism Research*). Community-based postural control assessment in individuals with Autism Spectrum Disorder indicates a delayed, but similar trajectory to typical development.

Fears, N. E., & Miller, H. L. (in preparation to be submitted to *Autism Research*). Motor skills explain significant variance in parent-reported adaptive behavior in children and adolescents with Autism Spectrum Disorder.

Miller, H. L., Zurutuza, I. R., **Fears, N. E.**, Polat, S. O., Nielsen, R. D. (invited submission in preparation for *Behavior Research Methods*) Measurement of visuomotor skills in autistic and neurotypical individuals using an automated computer vision algorithm to integrate motion-capture and mobile eye-tracking data.

Pimenta, R. A., Fuch, C., **Fears, N. E.**, Mariano, M., Tamplain, P. M. (in preparation to be submitted to *Research in Developmental Disabilities*). Profiles of mental health in children with Developmental Coordination Disorder: A latent class analyses.

Extramural Support

- 2019-Present NIH K01-MH107774 - \$942,855
Visuomotor Integration and Attention in Autism Spectrum Disorder
 National Institute of Mental Health
 Role: Postdoctoral Researcher (PI: Haylie L. Miller, Ph.D.)
- 2019-2020 NIH U54-MD006882 - \$60,000
 Preliminary Assessment of Visuomotor Profiles in Hispanic Children with Autism
 Role: Postdoctoral Researcher (PI: Jamboor K. Vishwanatha; Subaward PI: Haylie L. Miller, Ph.D.)
- 2016 Summer Research Grant - \$5000
 Psi Chi and Society for Research in Child Development
 Role: Advisor (PI: Leah E. Walsh)
- 2016 Phase Zero Small Business Innovation Research Grant - \$2000
 Louisiana Business & Technology Center
 Role: Chief Science Officer
- 2015 Neuro Startup Challenge Business Competition - \$2500
 NIH and Center for Advancing Innovation
 Role: Chief Science Officer
- 2013-2016 NIH R01-HD067581 – \$1,565,804
Origins of hand-mouth coordination: Objects to tools
 National Institute of Child Health & Human Development

Role: Graduate Researcher (PI: Jeffrey J. Lockman, Ph.D.)

2012 Summer Research Grant - \$5000
Psi Chi and Society for Research in Child Development
Role: Principal Investigator

Intramural Support

2018-2019 Center for Ethics and Public Affairs Graduate Fellow - \$20,500
Literacy education as an ethical and moral obligation of democracies
The Murphy Institute
Role: Principal Investigator

2017 The William P. Dunlap Memorial Research Fund - \$3000
Tulane University
Role: Principal Investigator

2016 Robert E. Flowerree Summer Research Fellowship - \$3000
Tulane University
Role: Principal Investigator

2012 Hutton Honors College Research Grant - \$1200
Indiana University
Role: Principal Investigator

Grants Submitted

2021 Postdoctoral Fellowship Resubmission (unfunded)
Determining barriers to timely motor intervention for children with Autism Spectrum Disorder
Autism Speaks
Role: Principal Investigator

2021 Postdoctoral Translational Scholars Program (unfunded)
Barriers to visuomotor treatment in children with Autism Spectrum Disorder
Michigan Institute for Clinical & Health Research
Role: Principal Investigator

2021 Small Grants Program for Early Career Scholars (unfunded)
An integrated eye-tracking and markerless motion-capture method for measuring visuomotor development in young children
Society for Research in Child Development
Role: Principal Investigator

2020 NRSA F32 Postdoctoral Fellowship Resubmission (unfunded)
Visuomotor integration during standardized assessments and activities of daily living in Autism Spectrum Disorder
National Institutes of Health/National Institute of Child and Human Development
Role: Principal Investigator

- 2020 Small Grants Program for Early Career Scholars (unfunded)
Dynamics of motor and visuomotor development during activities of daily living in Autism Spectrum Disorder
Society for Research in Child Development
Role: Principal Investigator
- 2019 NRSA F32 Postdoctoral Fellowship (unfunded)
Visuomotor integration during standardized assessments and activities of daily living in Autism Spectrum Disorder
National Institutes of Health/National Institute of Mental Health
Role: Principal Investigator
- 2019 R21 Health Information Technology (IT) to Improve Health Care Quality and Outcomes (unfunded)
Development of a novel visuomotor index score to quantify visual and motor ability in Autism Spectrum Disorder
Agency for Healthcare Research and Quality
Role: Key Personnel
- 2019 Postdoctoral Fellowship (unfunded)
Objective measurement of visuomotor integration as a biomarker of Autism Spectrum Disorder
Autism Speaks
Role: Principal Investigator

Awards

- 2021 International Society for Autism Research Student/Trainee Travel Award - \$175
Annual Meeting in Seattle, Washington, USA
- 2020 International Society for Autism Research Student/Trainee Travel Award - \$500
Annual Meeting in Seattle, Washington, USA
- 2019 Tulane 34 Award
Prestigious university-wide recognition presented to 34 graduates for their exemplary leadership, service, and academic excellence
Tulane University
- 2019 Graduate Student Mentoring Award
Department of Psychology
Tulane University
- 2019 Society for Research in Child Development Student Travel Award - \$300
Biennial Meeting in Baltimore, Maryland, USA
- 2018 Three Minute Thesis Competition Finalist
How do children learn to read and write?
Tulane University
- 2018 Gary Lawton Fretwell Award
Contributed to the success of an organization and development of other students

Tulane University

- 2017 Society for Research in Child Development Student Travel Award - \$300
Biennial Meeting in Austin, Texas, USA
- 2016 Dean Donald R. Moore Award
Embodiment of servant leadership and exceptional character
Tulane University
- 2013 Excellence in Research Award
Department of Psychological and Brain Sciences
Indiana University

Invited Presentations

Motor Skills and their impact on activities of daily living across the lifespan. (2020, February). DFW Autism Conference, Families for Effective Autism Treatment, Hurst, Texas.

Serious Games: Clinical Use of VR. (2019, December). Center for BrainHealth, University of Texas – Dallas, Dallas, Texas.

Visuomotor Integration during Activities of Daily Living in Autism Spectrum Disorder. (2019, November). Translational Science Forum, UT Southwestern Medical Center, Dallas, Texas.

Strategies for improving strength and coordination in Autism. (2019, July). Research and Learning Center, Fort Worth Museum of Science and History. Fort Worth, Texas.

How do children copy letters, words, and the Beery VMI?: Eye-tracking and visual-motor integration. (2018, October). Department of Physical Therapy, University of North Texas Health Science Center, Fort Worth, Texas.

Perceptual-motor foundations of handwriting: Copying letters and symbols. (2017, April). Department of Psychology, Tulane University, New Orleans, Louisiana.

Orientation and Visually Guided Action Development in Toddlers. (2012, November). Developmental Seminar, Psychological and Brain Sciences at Indiana University, Bloomington, Indiana

Speaker Symposia

Fears, N. E., Templin, T. N., & Miller, H. L., (2021) 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. Komotini, Greece. (Virtual meeting due to COVID-19)

Miller, H. L., Zurutuza, I., **Fears, N. E.**, Polat, S. O., Nielsen, R. (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. Eye Tracking Research & Applications (ETRA '21) ActivEye Workshop (Virtual meeting due to COVID-19)

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. International Motor Development Research Consortium National Assembly. Charleston, South Carolina. (Virtual meeting due to COVID-19)

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.

Fears, N. E. & Lockman, J. J. (2019, March). The development of visual-motor integration during activities of daily living: From research to translation. Society for Research in Child Development Conference, Baltimore, Maryland.

Fears, N. E., Bailey, B., Youmans, B., & Lockman, J. J. (2019, March). Head-mounted eye-tracking and visual-motor integration: The development of handwriting in young children. Society for Research in Child Development Conference, Baltimore, Maryland.

Fears, N. E. (2018, October) Sexual misconduct on campus: Survey, findings and the future. Southern Association of Institutional Research Meeting, Norfolk, Virginia.

Lockman, J. J. & **Fears, N. E.** (2018, June). The development of handwriting in young children. International Congress of Infant Studies Pre-Conference: Tutorial on using head-mounted eye-tracking in research, Philadelphia, Pennsylvania.

Fears, N. E. & Smith, M. (2018, May). Addressing sexual misconduct on campus: From survey to strategic planning. Association of Institutional Research Forum, Orlando, Florida.

Fears, N. E., Walsh, L., & Lockman, J. J. (2017, April). Perceptual-motor foundations of handwriting: Copying letters and symbols. Society for Research in Child Development Conference, Austin, Texas.

Lockman, J. J., Noonan, C. F., & **Fears, N. E.** (2016, September). The development of sensorimotor body maps in infancy. International Conference of Developmental Learning and Epigenetic Robotics, Cergy-Pontoise, France.

Hoffman, M., Lockman, J. J., Noonan, C.F., & **Fears, N. E.** (2016, May). Integrating developmental science and robotics in the study of body mapping. International Congress of Infant Studies Pre-Conference: Origins of Body Representations, New Orleans, Louisiana.

Fears, N. E., Street, S.Y., James, K.H., Jones, S.S. & Smith, L.B. (2012, November). Orientation and visually guided action development in toddlers. Indiana University Undergraduate Research Conference 18, Indianapolis, Indiana

Street, S.Y., James, K.H., **Fears, N. E.**, Jones, S.S. & Smith, L.B. (2012, May). Object recognition and action on objects: A longitudinal study of toddlers. Annual Midwest Cognitive Science Conference, Bloomington, Indiana.

Poster Presentations

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. E., Sherrod, G. M., Templin, T., Bugnariu, N., Patterson, R., & Miller, H. L. (2021, April) Developmental trajectory of sensorimotor integration for postural stability in Autism Spectrum Disorder. Society for Research in Child Development. (Virtual Meeting due to COVID-19)

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. International Society for Autism Research Conference, Seattle, Washington. (Meeting canceled due to COVID-19)

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. International Society for Autism Research Conference, Seattle, Washington. (Meeting canceled due to COVID-19)

Miller, H. L., **Fears, N. E.**, & Bugnariu, N. L. (2020, May). Relationships between visual fixation and goal-directed body movement differ between Autism Spectrum Disorder, Developmental Coordination Disorder, and typical development. Poster accepted for presentation at the annual meeting of the Vision Sciences Society, St. Petersburg, FL. (Meeting canceled due to COVID-19)

Mayberry, C. B., **Fears, N. E.**, Lockman, J. J. (2019, October). Visual-motor integration underlies preschool children's letter copying difficulties. Poster presented at biennial Cognitive Development Society Conference, Louisville, Kentucky.

Fears, N. E., Bailey, B., Youmans, B., Lockman, J. J. (2019, March). A process-oriented approach to visual-motor integration: Head-mounted eye-tracking during the Beery VMI. Poster presented at the biennial Society for Research in Child Development Conference, Baltimore, Maryland.

Fears, N. E., Walsh, L., Lockman, J. J. (2017, October). Letter writing instruction for children: A content analysis of children's handwriting workbooks and storybooks. Poster presented at the biennial Cognitive Development Society Conference, Portland, Oregon.

Youmans, B., Jung, W. P., **Fears, N. E.**, Lockman, J. J., (2017, October). Matching spaces: Relating negative to positive space in object fitting tasks. Poster presented at the biennial Cognitive Development Society Conference, Portland, Oregon.

Fears, N. E., Walsh, L., Lockman, J. J. (2017, April). Young children's letter knowledge influences visual-motor coordination in handwriting. Poster presented at the biennial Society for Research in Child Development Conference, Austin, Texas.

Walsh, L., **Fears, N. E.**, Lockman, J. J. (2017, April). Are handwriting workbooks optimally organized to promote handwriting development in young children? Poster presented at the biennial Society for Research in Child Development Conference, Austin, Texas.

Sheena, M., **Fears, N. E.**, Lewis, E. A., Smith, A., Lockman, J. J. (2017, April). The development of flexibility in hand-to-mouth transport of objects in infancy. Poster presented at the biennial Society for Research in Child Development Conference, Austin, Texas.

Youmans, B., **Fears, N. E.**, Jung, W. P., Lockman, J. J., (2017, April). Shapes within shapes: Relating negative to positive space in object perception and fitting tasks. Poster presented at the biennial Society for Research in Child Development Conference, Austin, Texas.

Fears, N. E., Lewis, E. A., Kahrs, B. & Lockman J.J. (2016, May). Tool-use for self-feeding in infancy. Poster presented at the biennial International Conference of Infant Study, New Orleans, Louisiana.

Lewis, E. A., **Fears, N. E.**, Kahrs, B. & Lockman J.J. (2016, May). Use of handled tools by young children. Poster presented at the biennial International Conference of Infant Study, New Orleans, Louisiana.

Lewis, E. A., **Fears, N. E.**, Kahrs, B. & Lockman J.J. (2016, May). Spatial planning during cup-to-mouth transport. Poster presented at the biennial International Conference of Infant Study, New Orleans, Louisiana.

Fears, N. E., Lewis, E. A., Kahrs, B. & Lockman J.J. (2015, October). Development of handwriting: Basic reading skills and visual-motor coordination. Poster presented at the biennial Cognitive Development Society Conference, Columbus, Ohio.

Fears, N. E., Kahrs, B. & Lockman J.J. (2015, March). Development of vision in handwriting. Poster presented at the biennial Society for Research in Child Development Conference, Philadelphia, Pennsylvania.

Street, S.Y., James, K.H., **Fears, N. E.**, Jones, S.S., & Smith, L.B. (2014, July) The development of visually guided action: A longitudinal study of toddlers 16-24 months. Poster presented at the biennial International Conference of Infant Studies, Berlin, Germany.

Kahrs, B., Jung, W., Rabinow, L., **Fears, N. E.**, & Lockman, J. (2014, July) Objects as extension of the hand: A longitudinal study of object banging. Poster presented at the biennial International Conference of Infant Studies, Berlin, Germany.

Smith, A., Kahrs, B., **Fears, N. E.**, & Lockman, J. (2014, July) Object orientation during hand-to-mouth transport in infants. Poster presented at the biennial International Conference of Infant Studies, Berlin, Germany.

Fears, N. E., Street, S.Y. & Smith, L.B. (2013, April). Orientation and visually-guided action development. Poster presented at the biennial Society for Research in Child Development Conference, Seattle, Washington.

Fears, N. E., Street, S.Y., & Smith, L.B. (2012, May). Facial orientation and visually guided action development. Poster presented at the annual Midwest Cognitive Science Conference, Bloomington, Indiana.

Street, S.Y., James, K.H., **Fears, N. E.**, Jones, S.S. & Smith, L.B. (2012, March). The development of vision for action and vision for perception in toddlers. Poster presented at the annual Women in Science Conference, Bloomington, Indiana

Teaching Experience

Child Psychology	Instructor
Introductory Psychology	Instructor
Univariate II (Graduate) Statistics	Lab Instructor
Univariate I (Undergrad) Statistics	Lab Instructor
Developmental Psychology	Guest Lecturer on Developmental Methodology
Infancy	Guest Lecturer on Motor, Perceptual, and Cognitive Development
Fundamental of Learning and Memory for Physical Therapy Education	Guest Lecturer
Physical Activity and Pediatric Disabilities	Guest Lecturer

Mentorship Experience

2017-2018	Brooke Bailey <i>Eye-hand coordination during the Beery-Buktenica Developmental Test of Visual-Motor Integration</i>
2016-2017	Michelle Sheena <i>Object orientation during hand-to-mouth transport in infants.</i>

Ad Hoc Reviewer

Child Development
Journal of Autism and Developmental Disorders
Journal of Motor Learning and Development
Human Movement Science
Psychology of Sport and Exercise
BMJ Open
Cognitive Development
Journal of Educational Psychology

Academic Society Service

2019-Current	Student & Trainee Committee Member International Society for Autism Research
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University Service

2018-2019	Coalition to Stop Sexual Violence Member
2016-2019	Undocumented Student Support Committee Member
2017-2018	Data Analyst for Tulane University Sexual Misconduct Survey
2016-2018	Graduate and Professional Student Association President
2016-2018	Tulane University Senator
2016-2018	Tulane University Senate Student Affairs Committee Member
2016-2018	Tulane University Budget Review Committee Member
2015-2018	Tulane University Alcohol Policy Task Force Member
2015-2018	Psychology Department Colloquium Committee Member

2015-2016	Educational Policy Committee Member
2015-2016	Associated Student Body Senator
2015-2016	Graduate and Professional Student Association Senator
2015-2016	Graduate Studies Student Association Vice President
2014-2015	Graduate Studies Student Association Representative

Community Service

2019-2020	Fort Worth Museum of Science and History, ASD Advisory Committee Member
2019	Ridglea Hills Elementary School Science Fair Judge
2017	Catholic Charities "DACA-mentary" Fundraiser Organizer
2016	Therapeutic Learning Center Heart and Sole Prom Volunteer
2015	Therapeutic Learning Center Heart and Sole Prom Volunteer
2014	Benjamin Franklin Elementary Extension School Science Fair Judge
2011-2013	Indiana University Autism Mentoring Program Mentor

Academic Affiliations

International Society for Autism Research
 Society of Research in Child Development
 International Motor Developmental Research Consortium
 American Educational Research Association
 Association for Psychological Science
 Cognitive Development Society
 International Congress of Infant Studies
 Association of Institutional Research
 Psi Chi

Professional Development

Wearable Sensors in Rehabilitation: Tracking for the Future
 Shirley Ryan Ability Lab

Advanced Rehabilitation Research Training Postdoctoral Seminar
 Department of Physical Medicine & Rehabilitation, University of Michigan

Autism Diagnostic Observation Schedule Clinical Training
 Sunfield Center for Autism, ADHD, and Behavioral Health, led by Suzi Naguib

Moving the Needle: Shifting the Conversation around Sexual Harassment Workshop
 School of Kinesiology, University of Michigan

Data Science Bootcamp for Biomedical Scientists
 Michigan Institute for Data Science, University of Michigan

Anti-Racism Research and Scholarship for Action
 School of Kinesiology, University of Michigan

Using Technology to Enhance Learning

Center for Engaged Learning & Teaching, Tulane University

Scientific Writing for Psychology: Lessons in Clarity and Style
Department of Psychology, Tulane University

Additional Skills

Technical Experience

Mobile eye-tracking with children and adults
3-D motion capture with children and adults
Database development and maintenance
Computer network and server maintenance
Website development and maintenance

Computing Skills

Proficient in the use of:
SPSS, R, HLM, MATLAB, Python, Cortex, HTML, Drupal, Datavyu, Qualisys, EndNote,
Mendeley Reference Management, Microsoft Office

References

Jeffrey J. Lockman, PhD
Professor, Department of Psychology
Tulane University
lockman@tulane.edu

Haylie L. Miller, PhD
Assistant Professor, School of Kinesiology
University of Michigan
MillerHL@umich.edu

Dale Ulrich, PhD
Professor Emeritus, School of Kinesiology
University of Michigan
ulrichd@umich.edu

Rita M. Patterson, PhD
Professor, Family Medicine and Osteopathic Manipulative Medicine
Associate Dean for Research, Texas College of Osteopathic Medicine
University of North Texas Health Science Center
Rita.Patterson@unthsc.edu

Priscila Tamplain, PhD
Associate Professor, Department of Kinesiology
University of Texas – Arlington
priscila.tamplain@uta.edu

Susan Murphy, ScD, OTR
Associate Professor, Physical Medicine & Rehabilitation Department
University of Michigan
sumurphy@med.umich.edu