

CURRICULUM VITAE

STACEY C. DUSING

September 10, 2020

I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION

Office address: Division of Biokinesiology and Physical Therapy,
Ostrow School of Dentistry
University of Southern California
1540 E. Alcazar St
CHP 155
Los Angeles, CA 90033
323-442-1022 Fax 323-442-1515
Stacey.dusing@pt.usc.edu

Faculty Website: <https://pt.usc.edu/faculty-directory-a-m/stacey-dusing-phd-pt/>

Lab Website: <https://sites.usc.edu/MDL/>

LinkedIn Profile: stacey-dusing

ResearchGate Profile: Stacey_Dusing

ORCID: <https://orcid.org/0000-0003-3847-3893>

EDUCATION AND APPOINTMENTS

- 2006 Ph.D., Human Movement Science, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 2002 M.S., Human Movement Science, 2002, University of North Carolina at Chapel Hill, Chapel Hill, NC
- 1997 B.S., Physical Therapy, 1997. Daemen College, Amherst, NY

POST GRADUATE TRAINING

- 2008-2010 University of Delaware, K12 Scholar
- 2008- 2011 Comprehensive Opportunities in Rehabilitation Research Training (CORRT)
Faculty Scholar NIH/ K12 HD055931,
- 2002-2004 Leadership Education in Neurodevelopmental Disabilities and Related Disabilities (LEND).
Clinical Center for the Study of Development and Learning, University of North Carolina, Chapel Hill. Fellow
- 2002 Newborn Individualized Developmental Care and Assessment Program (NIDCAP)
Wake Medical Center, Raleigh, NC. Reliability Training, March 2002
- 2001 Wake Medical Center, Raleigh, NC
Examiner Certification, August 2001

ACADEMIC APPOINTMENTS

4/20 – present Visiting Associate Professor

Chair of Pediatric Research, Director of Motor Development Lab
 Division of Biokinesiology and Physical Therapy,
 University of Southern California, Los Angeles CA
 (awaiting confirmation of appointment as Sykes Family Chair of Pediatric Physical
 Therapy, Pediatric Health and Development)

- 7/06 – 2020 Department of Physical Therapy, Virginia Commonwealth University
 7/06-6/13 Assistant Professor tenure track
 7/13-6/19 Associate Professor with tenure
 7/19 – Professor with tenure
- 7/06 – 7/19 Physical Therapy Core Faculty Member, Virginia Leadership Education in
 Neurodevelopmental Disabilities (Va-LEND), Virginia Commonwealth University.
- 12/05 – 5/06 Adjunct Instructor, Physical Therapy Program, Winston-Salem State University.
- 11/04 – 5/05 Teaching Fellow, University of North Carolina Division of Physical Therapy.

AFFILIATE ACADEMIC APPOINTMENTS

- 2/14 – 07/20 Affiliate Associate Professor, Department of Pediatrics,
 Children’s Hospital of Richmond (CHoR) at Virginia Commonwealth University.
- 11/14 – 07/20 Affiliate Associate Professor, Department of Psychology,
 Virginia Commonwealth University.
- 6/08 – 6/10 Visiting Research Scholar, Department of Physical Therapy,
 University of Delaware.

NON- ACADEMIC APPOINTMENTS

- 4/07 – 6/08 and 8/10 – 5/20 Physical Therapy Specialist, Virginia Commonwealth
 University Health System, Medical College of Virginia, Richmond, VA.
- 7/04 – 6/06 Pediatric Physical Therapist, The Clinical Center for the Study of Development and
 Learning, A University Center of Excellence in Developmental Disabilities at The
 University of North Carolina at Chapel Hill.
- 8/03 – 5/04 Research Assistant, University of North Carolina Division of Physical Therapy, PI -
 Deborah Thorpe, PhD, PT, PCS.
- 11/00 – 6/06 Pediatric Physical Therapist, Duke University Medical Center.
- 8/00 – 8/02 Research Assistant, University of North Carolina at Chapel Hill, Medical School Nephrology
 Division. PI- Kathryn Tawny, Ph.D.
- 2/98 – 7/00 Pediatric Physical Therapist, Carilion Roanoke Community Hospital, Roanoke, VA.
- 6/97 – 2/98 Staff Physical Therapist, Carilion Roanoke Memorial Hospital, Inpatient Rehabilitation
 Unit. Roanoke, VA.

AWARDS/HONORS

- 2020 Catherine Worthingham Fellow, American Physical Therapy Association.
- 2019 Gayle G. Arnold Award for Best Scientific Paper, American Academy of Developmental Medicine and Child Neurology (Regina Harbourne first author representing the START-Play Consortium)
- 2019 Knowledge Translation Lectureship Award, Academy of Pediatric Physical Therapy, APTA. Awarded to a clinician researcher team (Shaaron Brown / Stacey Dusing)
- 2017 Stephen Haley Research Award, Academy of Pediatric Physical Therapy, APTA
- 2015 APTA's NEXT Conference Abstract Special Recognition
- 2015 Nominee for Gayle G. Arnold Award for Best Scientific Paper, American Academy of Developmental Medicine and Child Neurology (Post Doc Adriana Rocha was first author)
- 2014 Daemen College, Physical Therapy Department, Esteemed Alumni Award
- 2008 Virginia Commonwealth University, School of Allied Health Professions, MCV Campus, Distinguished Faculty Scholar Award.
- 2003 Association of University Centers for Disability Trainee Travel Award.
- 2002 Mary Clyde Singleton Art and Science Award, University of North Carolina at Chapel Hill.
- 2001 Program for Continuing Education Scholarship, PEO.
- 2001 Alpha Epsilon Lambda, national honor society for graduate students.
- 1996 Janet H. Griswold Memorial Scholarship, PEO Sisterhood, New York State Chapter

MEMBERSHIPS IN SCIENTIFIC, HONORARY AND PROFESSIONAL SOCIETIES

- 2011 – present Member, International Society for Infant Studies
- 2002 – present Fellow, American Academy of Developmental Medicine and Child Neurology Research Section
- 1995- present, Member, American Physical Therapy Association
Academy of Pediatric Physical Therapy
Neurology Section
Virginia Physical Therapy Association

LICENSURE AND BOARD CERTIFICATION

- 2020 - Physical Therapist, California – application under review
- 2014-2024 Physical Therapy Board Certified, Pediatric Clinical Specialist
- 2000-2007 Physical Therapist, North Carolina, #8154

1997-present Physical Therapist Virginia, #6052,

II. ADMINISTRATIVE AND SERVICE ACTIVITIES

UNIVERSITY SERVICE

Division of Biokinesiology and Physical Therapy, University of Southern California

2020- present Research Advancement Committee

2020- present Diversity, Anti-Racism, Inclusion, and Community Engagement (DARIC) Council

Virginia Commonwealth University

2018 – 2020 Vision by Design Strategic Imperative on Clinical Research and Innovation

2015-2017 University Promotion and Tenure Appeals Committee

2010-2014 University Council Member – Committee for Academic Affairs

Department of Physical Therapy, Virginia Commonwealth University

2014 Faculty Search Committee

2007 - 2009 Research Development and Service Committee Member

2007 – present Advanced Graduate Studies and Research Committee Member

2006 - 2009 Admissions Committee Member

Department of Pediatrics, School of Medicine, Virginia Commonwealth University

2018-present Department Research Strategic Planning Committee

2015-2017 Faculty Search Committee, Neonatology

2014 -2016 Faculty Search Committee, Developmental Pediatrics

2012-present Mentor, Summer Jacks Program in the Division of Neonatology

Virginia Commonwealth University Health System

2012-2015 Chair, Neonatal Intensive Care Interdisciplinary Care Committee

2010-present Member Neonatal Continuing Care Program Leadership Team

2010-2016 Member, Neonatal Intensive Care Interdisciplinary Care Committee

EDITORIAL SERVICE

2018- present Pediatric Physical Therapy

2013- present Physical and Occupational Therapy in Pediatrics 2013-present

MANUSCRIPT REVIEWER

2018, 2019 Experimental Brain Research

2018 Pediatric Research

2018 BMC Pediatrics

2018- present Early Human Development

2017 Developmental Psychobiology

2016 Research in Developmental Disabilities

2016 Plus One

2016 Journal of Motor Behavior

2015, 2018 Infant Behavior and Development

2014- present Pediatric Physical Therapy

2011- present Clinical Biomechanics

2011- present Physical and Occupational Therapy in Pediatrics
 2006- present Physical Therapy Journal
 2006- present Developmental Medicine and Child Neurology

GRANT SERVICE

National Institute of Health, Motor Function, Speech, Rehabilitation Study Section

2019- present Standing member
 2014, 2017, 2018, 2019 Ad hoc reviewer

Foundation for Physical Therapy Research

2019 Chair, Promotion of Doctoral Studies Application Revision Taskforce 2019
 2017 – present Member, Scientific Review Committee, 2017-present

Center for Clinical and Translational Research (CCTR),

2012- 2019 Scientific Advisory Committee, Virginia Commonwealth University

PROFESSIONAL SERVICE

American Physical Therapy Association (National)

Section on Pediatrics / Academy of Pediatric Physical Therapy

2015-2018 Chair, Research Committee Chair, Section on Pediatrics
 2013-2018 Member, Knowledge Translation Subcommittee, Section on Pediatrics
 2010-2015 Chair, Grant Review Subcommittee, Section on Pediatrics
 2010-2014 Chair, Neonatal Fellowship Taskforce, Section on Pediatrics
 2009-present Member, Research Committee, Section on Pediatrics
 2008-2011 Member, Neonatal Competencies Task Force, Section on Pediatrics,
 2008-2014 Chair, Neonatology Special Interest Group, Section on Pediatrics,
 2005 Pediatric Section Course Assistant, Advance Practice in Pediatrics.

Other APTA Sections

2011 Member, Clinical Research Network Development Group, Section on Orthopedics
 2008-present Member, Research Section

American Academy of Cerebral Palsy and Developmental Medicine

2018-present Member, Research Committee
 2016-2018 Member, Awards Committee

Infant and Toddler Connection of Virginia

2010-2012 Chair, Subgroup on Parent Education, Prematurity Awareness Workgroup
 2009-2012 Member, Prematurity Awareness Workgroup

Other Organizations

2012 Content Expert and Reviewer, An Early Interventionist’s Guide to Prematurity. Available at <http://veipd.org/elearning/>
 2009 Field Reviewer, Handbook for Occupational and Physical Therapy Services in the Public Schools of Virginia.

COMMUNITY SERVICE

2018 Career Day – Physical Therapist and Researcher. Short Pump Elementary School

2018 Feed My Starving Children Volunteer

2018 Generosity Feeds Volunteer

2017 Stop Hunger Now Volunteer

2017 Henrico County Public Schools, Guest Lecturer on Health Careers in Physical Therapy.

2017 – Present Volunteer, Children’s Assistive Technology (CATS) Program.
1-2 cleaning days per year

2015 – present Founding Volunteer Member, Children’s Hospital of Richmond, Go Baby Go Chapter.
3 building and 3 give away days per year

2014- present Volunteer, REACH Cycles, An AMBUCS Chapter.
1-3 fitting or give away days per year

2014-2016 Sunday School Teacher, Grade K-5. Christ Church Episcopal

2013 – present Girl Scout Troop 5145 Leader
Bronze Award earned 2018

2013-2015 Neighborhood Voting Member, Wellesley Home Owners Association 2013-2015

2014 Strikers Recreational Soccer, Assistant Coach U7 co-ed

2013-2017 CARITAS Volunteer. Meal and housing preparation for homeless families in Greater Richmond Area

2009-2010 Volunteer University of Delaware Garden for the Community

2004-2006 Board of Directors, Northern Piedmont Family Support Network

2003-2004 Volunteer, Family Support Network of North Carolina

2003-2004 Physical Therapy Volunteer Special Olympics of North Carolina

2003- 2006 Physical Therapy supervisor at Student Health Action Coalition (SHAC) clinic in Carrboro, NC

2001-2002 Student Representative of the Division of Physical Therapy Advanced Education Committee, University of North Carolina at Chapel Hill

1998-2000 Greater Roanoke Infant Program Board Member

III. SCHOLARLY ACTIVITY

PUBLICATIONS:

Asterisks indicates direct students or post-doctoral mentee; underline indicates senior author.

PEER-REVIEWED JOURNAL ARTICLES – ORIGINAL RESEARCH

Refereed Publications (*trainees)

- 2020 An M., Nord J, Koziol N, **Dusing SC**, Kane AL, McCoy S. Developing a fidelity measure of early intervention programs for children with neuromotor disorders. DMCN. In press
- 2020 Tripathi T*, **Dusing SC**, Pidcoe PE, Xu Y, Shall MS, Riddle DL. A Clinical Trial Based on Reward Contingency to Improve Prone Tolerance and Motor Development is Feasible in 3- to 6-Month-Old Infants. Journal of Motor Learning and Development, 2020. In press
- 2019 **Dusing SC**, Harbourne RT, Lobo MA, Westcott-McCoy S, Bovaird JA, Kane AE, Syed G, Marcinowski EC, Koziol NA, Brown SE. A Physical Therapy Intervention to Advance Cognitive and Motor Skills: A Single Subject Study of a Young Child With Cerebral Palsy. *Pediatr Phys Ther.* 2019 Oct;31(4):347-352. doi: 10.1097/PEP.0000000000000635. PubMed PMID: 31568380.
- 2019 Marcinowski EC*, Tripathi T* Hsu L, Westcott-McCoy S, **Dusing SC**. Sitting skill and the emergence of arms-free sitting affects the frequency of object looking and exploration. *Developmental Psychobiology.* 2019 Apr 22. doi: 10.1002/dev.21854. PMID:31012090
- 2018 **Dusing SC**, Tripathi T*, Marcinowski EC*, Thacker LR, Brown, LF, Hendricks-Muñoz KD. Supporting Play Exploration and Early Developmental Intervention versus Usual Care To Enhance Development Outcomes During the Transition from the Neonatal Intensive Care Unit to Home. : A Pilot Randomized Controlled Trial. *BMC Pediatrics* 2018 Feb 9;18(1):46, PMID: 29426320 PMCID: PMC5809115 DOI: 10.1186/s12887-018-1011-4
- 2016 **Dusing SC**, Thacker L, Galloway JC. Infant born preterm have limited adaptive postural control in the first 5 months of life. *Infant Behavior and Development* *Infant Behav Dev.* 2016 Aug;44:49-58. PMID:27285202 doi: 10.1016/j.infbeh.2016.05.002. Epub 2016 Jun 7.
- 2016 O’Grady M*, **Dusing SC**. Assessment Position Affects Problem-Solving Behaviors in a Child With Motor Impairments: A Case Report. *Pediatric Physical Therapy.* 2016; 28(2):253-8 PMID: 26914718 doi: 10.1097/PEP.0000000000000238.
- 2015 **Dusing SC**, Brown SE, Van Drew CM, Thacker LR, Hendricks-Muñoz KD. Supporting Play Exploration and Early Development Intervention (SPEEDI) from NICU to Home: A Feasibility Study. *Pediatric Physical Therapy.* 2015 Fall; 27(3) 267-74. PMID 26102168
- 2014 **Dusing SC**, Izzo TA, Thacker L, Galloway JC. Postural Complexity in Infants Born Preterm with Brain Injury. *Phys Ther.* 2014 Jun 5 Epub ahead of print. PMID: 24903116, PMC 418389

- 2014 **Dusing SC**, Izzo TA, Thacker L, Galloway JC. Postural Complexity Differs Between Infant Born Full Term and Preterm During the Development of Early Motor Behaviors. *Early Human Development*. 2014 Mar;90(3):149-56. doi: 10.1016/j.earlhumdev.2014.01.006. PMID: 24485170, PMC3950939
- 2013 Phillips-Pula L*, McGrath JM, Pickler R, **Dusing SC**, Brown LF. Caring for a Preterm Infant at Home: A Mother's Perspective". *Journal of Perinatal & Neonatal Nursing*, 2013 Oct-Dec;27(4):335-44. PMID: 24164816
- 2013 **Dusing SC**, Lobo MA, Lee H, Galloway JC. Intervention for Late Preterm Infants in the First Weeks of Life: A Case Series Report. *Pediatric Physical Therapy*. 2013 Summer;25(2):194-203. doi: 10.1097/PEP.0b013e3182888b86. PMID: 23542201,PMC 3621113
- 2012 **Dusing SC**, Thacker LR, Stergiou N, Galloway JC. Early Complexity Supports Development of Skill Acquisition in the First Months of Life. *Developmental Psychobiology*. *Dev Psychobiol*. 2012 Epub ahead of print May 9. doi: 10.1002/dev.21045.PMC3496827
- 2012 **Dusing SC**, Vandrew CM, Brown S. Instituting Parent Education Practices in the Neonatal Intensive Care Unit: An Administrative Case Report of Practice Evaluation and Statewide Action. *Physical Therapy*. 2012; 92 (7) 967-75. PMC3386515
- 2010 Becker E*, **Dusing S**. Participation is Possible: A Case Report of Integration into a Community Performing Arts Program. *Physiotherapy Theory and Practice*. 2010; 26(4), 275-280. PMID: 20397862
- 2009 **Dusing SC**, Kyvelidou A, Mercer VS, Stergiou N. Infants Born Preterm Exhibit Different Patterns of Center of Presenture Movement Than Infants Born at Term. *Physical Therapy*. 2009; 89 (12):1354-1362. PMC2794478
- 2008 **Dusing SC**, Murray T, Stern M. Parent Preferences for Motor Development Education in the Neonatal Intensive Care Unit (NICU). *Pediatric Physical Therapy*. 2008 Winter;20(4):363-8. PMID: 19011527
- 2008 Martin HR, Poe MD, Reinhartsen D, Pretzel RE, Roush, Rosenberg AE, **Dusing SC**, Escolar ML. Methods for assessing neurodevelopment in lysosomal storage diseases and related disorders: a multidisciplinary perspective. *Acta Paediatrica* 2008; 97 (s457), 69–75. PMID: 18339192
- 2007 **Dusing SC**, Thorpe DE, Poe MD, Rosenberg AE, Mercer VS, Escolar ML. Gross Motor Development of Children with Hurler syndrome After Umbilical Cord Blood Transplant. *Physical Therapy*. 2007; 87(11), 1433-1440. PMID: 17785373
- 2007 **Dusing SC**, Thorpe D, Mercer V, Rosenberg A, Poe M, Escolar M. Temporal and Spatial Gait Characteristics of Children with Hurler syndrome, Post Umbilical Cord Blood Transplant. *Physical Therapy*. 2007; 87(8),978-85. PMID: 17553918

- 2007 **Dusing SC**, Thorpe DE. A Normative Sample of Temporal and Spatial Gait Parameters in Children and Adults Using the GAITRite® Electronic Walkway. *Gait and Posture*. 2007; 25(1), 135-9. PMID: 16875823
- 2006 **Dusing SC**, Thorpe D, Rosenberg A, Mercer V, Escolar M. Gross Motor Abilities in Children with Hurler Syndrome. *Developmental Medicine and Child Neurology*. 2006;48, 927-930. PMID: 17044963
- 2005 Thorpe DE, **Dusing SC**, Moore CG. Repeatability of Temporo-Spatial Gait Measures in Children using the GAITRite® Electronic Walkway. *Archives of Physical Medicine and Rehabilitation*. 2005;86 (12) 2342-2346. PMID: 16344033
- 2005 **Dusing SC**, Rosenberg AE, Heimenz J, Piner S, Escolar M. Gross and Fine Motor Skills of Children with Hurler’s Syndrome (MPS-IH) Post Umbilical Cord Blood Transplantation: A Case Series Report. *Pediatric Physical Therapy*. 2005;17(4):264-267. PMID: 16357681
- 2005 **Dusing SC**, Mercer VS, Yu B, Reilly M, Thorpe DE. Trunk position in supine of infants born preterm and at term: An assessment using a computerized presentsure mat. *Pediatric Physical Therapy*. 2005;17 (1) 2-10. PMID: 16357652
- 2004 **Dusing SC**, Skinner AC, Mayer ML. Unmet Need for Therapy Services, Assistive Devices and Related Services: Data from the National Survey of Children with Special Health Care Needs. *Ambulatory Pediatrics*. 2004; 4: 448-454. PMID: 15369415

PEER-REVIEWED JOURNAL ARTICLES – REVIEWS AND PERSPECTIVE PAPERS

- 2020 Rosales MR, Rohloff P, Vanderbilt D, Tripathi T*, Valentini NC, **Dusing SC**, Smith BA. Collecting infant environmental and experiential data using smartphone surveys. *Pediatr Phys Ther*. In Press
- 2020 An M, **Dusing SC**, Harbourne RT, Sheridan SM; START-Play Consortium [What Really Works in Intervention? Using Fidelity Measures to Support Optimal Outcomes](#). *Phys Ther*. 2020 May 18;100(5):757-765. doi: 10.1093/ptj/pzaa006. PMID: 31944249
- 2020 Khurana S*, Kane AE, Brown SE, Tarver T, **Dusing SC**. [Effect of neonatal therapy on the motor, cognitive, and behavioral development of infants born preterm: a systematic review](#). *Dev Med Child Neurol*. 2020 Jun;62(6):684-692. doi: 10.1111/dmcn.14485. Epub 2020 Feb 19. Review. PMID: 32077096
- 2019 Brown SE, **Dusing SC**. Knowledge Translation Lecture: Providing Best Practice in Neonatal Intensive Care and Follow-up: A Clinician-Researcher Collaboration. *Pediatr Phys Ther*. 2019 Oct;31(4):308-314. doi: 10.1097/PEP.0000000000000634. PubMed PMID: 31568371.
- 2019 Rocha NACF*, Dos Santos Silva FP, Dos Santos MM, **Dusing SC**. Impact of mother-infant interaction on development during the first year of life: A systematic review. *J Child Health Care*. 2020 Sep;24(3):365-385. doi: 10.1177/1367493519864742. Epub 2019 Jul 23. PMID: 31337225

- 2019 **Dusing SC**, Marcinowski EC*, Rocha NACF*, Tripathi T*, Brown SE, Assessment of Parent-Child Interaction Is Important With Infants in Rehabilitation and Can Use High-Tech or Low-Tech Methods. *Phys Ther.* 2019 Jun 1;99(6):658-665. doi: 10.1093/ptj/pzz021.PMID:30806668
- 2017 Gannotti ME, Bailes A, Bjornson K, O'Neil M, Grant-Buettler M, **Dusing S**. Pediatric Rehabilitation Services for Children With Cerebral Palsy: What Can Existing Data Sources Tell Us? *Pediatr Phys Ther.* 2017 Apr;29(2):179-186. doi: 10.1097/PEP.0000000000000377. PubMed PMID: 28350778.
- 2017 Pavão SL, Silva FP, **Dusing SC**, Rocha NA*. Clinical tools designed to assess motor abilities in children with cerebral palsy. *Dev Neurorehabil.* 2017 Apr;20(3):149-159. doi: 10.3109/17518423.2016.1150359. Epub 2016 Mar 28. PubMed PMID: 27019351.
- 2016 **Dusing SC**. Postural Variability and Sensorimotor Development in Infancy. *Developmental Medicine and Child Neurology Special Issue. Developmental medicine and child neurology.* 2016; 58 Suppl 4:17-21.PMID: 27027603 doi: 10.1111/dmcn.13045.
- 2016 Christy JB, Lobo MA, Bjornson K, **Dusing SC**, Field-Fote E, Gannotti M, Heathcock JC, O'Neil ME, Rimmer JH. Technology for Children With Brain Injury and Motor Disability: Executive Summary From Research Summit IV. *Pediatr Phys Ther.* 2016 Winter;28(4):483-9. PMID:27661249 doi: 10.1097/PEP.0000000000000317.
- 2015 Tripathi T*, **Dusing SC**. Long-term neurodevelopmental outcomes of infants born late preterm: a systematic review. *Research and Reports in Neonatology* 2015;5 91-111. doi: 10.2147/RRN.s44062
- 2014 O'Grady M*, **Dusing SC**. Reliability and Validity of Play-based Assessments of Motor and Cognitive Skills for Infants and Young Children: A Systematic Review. *Physical Therapy.* 2014 Aug 28 Epub ahead of print. PMID: 25169918
- 2013 Lobo MA, Harbourne RT, Galloway JC, **Dusing SC**, Westcott-McCoy S. Grounded Early Intervention Physical Therapy Can Not Just Be About Motor Skills Anymore. *Physical Therapy* 2013;93 (1) 94-103. PMC3538987
- 2010 **Dusing SC**, Harboure RT. Variability in Postural Control During Infancy: Implications for development, assessment, and intervention. *Physical Therapy.* 2010; 90 (12) 1838-1849. PMC2996511
- 2010 Sweeney J, Heriza C, Blanchard Y, **Dusing S**. Neonatal Physical Therapy: Part II - Practice Frameworks and Evidence-Based Practice Guidelines. *Pediatric Physical Therapy.* 2010;22:2-16. PMID: 20142700

PEER-REVIEWED JOURNAL ARTICLES – PROTOCOL PAPERS

- 2020 **Dusing SC**, Burnsed J, Harper A, Hendricks-Munoz K, Stevenson RD, Thacker LR, Molinini RM*, Kane AE, Khurana S*, Brown SE. Efficacy of Supporting Play Exploration and Early Development Intervention (SPEEDI) in the First Months of Life for Infants Born Very Preterm: 3-Arm Randomized Clinical Trial Protocol *Physical Therapy*, 2020; 100(8) 1343-1352. <https://doi.org/10.1093/ptj/pzaa077> PMID: 32329778

- 2018 Harbourne R, **Dusing SC**, Lobo MA, McCoy, S, Bovaird, J, Sheridan S, Galloway J, Chang H, Hus L, Kozoil N, Marcinowski EC*, Babik I. Sitting together and reaching to play (START-Play): Protocol for a multisite randomized controlled efficacy trial on intervention for infants with neuromotor disorders. *Physical Therapy*. 98 (6) June 2018; 494-502 doi.org/10.1093/ptj/pzy033 PMC in progress

NON PEER-REVIEWED JOURNAL ARTICLES – INVITED PAPERS

- 2019 **Dusing SC**, Solano T. Commentary on Sit Matters: Differences between sitters and non-sitters in at-risk premature infants at six-months adjusted age. *Pediatric Physical Therapy* 2019 *Pediatr Phys Ther*. 2019 Jul;31(3):263. doi: 10.1097/PEP.0000000000000627. PMID: 31220009
- 2019 Stuyvenberg C, **Dusing SC**. Commentary on “the Relationship Among Three Different Movement Analysis Tests in Preterm Babies” *Pediatr Phys Ther*. 2019 Jul;31(3):256. doi: 10.1097/PEP.0000000000000615. PMID: 31220008
- 2017 **Dusing SC**, Brown S. Commentary on “Therapy use for children with developmental conditions: Analysis of Colorado Medicaid data” *Pediatric Physical Therapy*. 2017, Jul;29(3):199. doi: 10.1097/PEP.0000000000000432. PubMed PMID: 28654484.
- 2013 **Dusing SC**, Izzo TA. Commentary on "Differences in function between children with sensory processing disorders, physical disabilities and typically developing children." *Pediatric Physical Therapy*. 2013, Fall; 25(3):322. PMID 23797405
- 2007 **Dusing SC**. Commentary: Developmental Outcomes in Children with Mucopolysaccharidosis 1H (Hurler Syndrome) After Stem Cell Transplantation. *Developmental Medicine and Child Neurology*. 2007 Sep;49(9):646.

NON-PEER-REVIEWED PUBLICATIONS – PUBLIC RELATIONS AND MEDIA MATERIAL

- 2018 **Dusing SC**. Play - A critical Skill for all infants and young children. *Virginia Pediatrics* (Publication of the Virginia Chapter of the American Academy of Pediatrics) Fall 2018. page 26.
- 2012 Practice Committee and Neonatal Fellowship Taskforce, lead by **Dusing S**. Neonatal Physical Therapy: Training and Role Fact Sheet. American Physical Therapy Association, Section on Pediatrics. <http://www.pediatricapta.org/consumer-patient-information/pdfs/13%20Neonatal%20Fact%20Sheet.pdf>
- 2014 Interdisciplinary Developmental Care Committee, lead by **Dusing S**. Welcome to the Newborn Intensive Care Unit, Children’s Hospital of Richmond at VCU. Children’s Hospital of Richmond at VCU. <http://www.chrichmond.org/Services/Welcome-to-the-NICU.htm>
- 2011 Prematurity Workgroup lead by **S Dusing**. Infant and Toddler Connection of Virginia. After the NICU: Promoting Your Premature Baby’s Development at Home. 2011. Infant and Toddler Connection of Virginia. <http://www.infantva.org/documents/pr-pa-nicu.pdf>

- 2009 American Physical Therapy Association, Galloway JC, **Dusing SC**. Issue Brief: Addressing Healthcare Needs of People with Cerebral Palsy. October 2009. American Physical Therapy Association.
- 2005 **Dusing SC**, Rosenberg AE, Paez S. Physical Therapy for Children with MPS Disorders – Information for Parents. Courage 2005(A publication from the National MPS Society) 29(4): 36. Also available at www.mppsociety.org.
- 2005 **Dusing SC**, Rosenberg AE, Paez S. Physical Therapy for Children with MPS Disorders – Information for Professionals. Courage 2005 (A publication from the National MPS Society) 29(4): 37. Also available at www.mppsociety.org.

NON-PEER-REVIEWED PUBLICATIONS – BOOKS / CHAPTERS

- 2019 Spittle A, **Dusing SC**. Motor Impairments. In Encyclopedia of Infant and Early Child Development. 2nd edition. Elsevier. 2019
- 2017 McManus B, Blanchard Y, **Dusing SC**. Special Care Nursery. In Palisano, Orlin, Schreiber eds. Physical Therapy for Children, 5th Ed. St. Louis: Saunders-Elsevier, 2017.
- 2017 Harbourne, R, **Dusing SC**. The Child’s Development of Functional Movement. In Palisano, Orlin, Schreiber eds. Physical Therapy for Children, 5th Ed. St. Louis: Saunders-Elsevier, 2017.
- 2012 McCoy-Westcott S, **Dusing SC**. Motor Control: Developmental Aspects of Motor Control in Skill Acquisition. In: Campbell, Vander Linden, Palisano ed. Physical Therapy for Children, 4th ed. St. Louis: Saunders-Elsevier, 2012.
- 2006 Rosenberg AE, **Dusing SC**: Pediatric Physical Therapy. In: Pagliarulo M, ed. Introduction to Physical Therapy, 3rd ed. New York: Moseby-Yearbook, 2006.

NEWS RELEASES

- 2020 Filling in the Gap in Neonatal Care- With Play [click here](https://pt.usc.edu/2020/09/03/filling-in-the-gap-in-neonatal-care-with-play/)
<https://pt.usc.edu/2020/09/03/filling-in-the-gap-in-neonatal-care-with-play/>
- 2020 USC researcher, Dr. Stacey Dusing, is hoping to change the way physical therapists treat infants at risk of cerebral palsy by combining cognitive and physical activity. ([Click here](#))
- 2019 NICU Best Practice: Therapist, Researcher, Parent Collaboration. ([Click here](#))
- 2019 Sitting Together and Reaching To - Play featured by the Institute for Education Science, the research funding source → ([click here](#))
- 2018 Foundation Alumna Stacey Dusing PT, PhD, to Help Premature Babies with \$2.84 Million Grant ([click here](#))
- 2018 Supporting Play Exploration and Early Developmental Intervention Multi-site clinical trial. → ([click here](#))
- 2018 Play & Learning Across a Year (PLAY). → ([click here](#))

- 2018 Interdisciplinary Training for Inclusive Practices Training Grant for PT/OT/ SLP students interested in School Based Services → ([click here](#))
- 2017 Project 3IP: Interdisciplinary and Intensive Intervention Preparation for Professionals Serving Young Children with Significant Disabilities → ([click here](#))
- 2016 Physical therapy program offers help for infants with delayed skills → ([click here](#))
- 2016 Children’s Hospital of Richmond Go-Baby-Go → ([click here](#))

PATENTS / COPY RIGHT PROTECTED

- 2019 Prone Play Activity Center. US Patent Serial Number: 16/508,533. Filing Date: July 11, 2019
- 2018 Supporting Play Exploration and Developmental Intervention, Copyright Protection filing date: June 5, 2018

MAJOR PUBLIC PRESENTATIONS (*trainees)

INVITED INTERNATIONAL

- 2019 Supporting Motor and Cognitive Development Through Parent Child Interaction and Play – Keynote Address. Mater Growth and Development Unit Conference on Improving Outcomes for NICU Infants. Queensland Australia. Aug 2, 2019
- 2019 Reaching To Play (START-Play) Clinical Trial for children 7-16 months with neuromotor impairments Reaching To Play (START-Play) Clinical Trial for children 7-16 months with neuromotor impairments. Queensland Australia. Aug 2, 2019
- 2019 Embedding developmental interventions throughout the NICU stay Mater Infant Hospital NICU. Queensland Australia. Aug 1, 2019
- 2018 Jointly Advancing Motor and Cognitive Abilities in Infant and Children. Queensland Cerebral Palsy and Rehabilitation Research Centre (QCPRRC) The University of Queensland. May 2018
- 2018 Early and Intensive Parent Provided Therapist Supported Motor and Cognitive Intervention for Infant Born Very Preterm. Victorian Infant Brain Studies (VIBeS) Murdoch Children’s Research Institute and University of Melbourne. May 2018
- 2016 Invited Participant in the Early Intervention Pre-Conference Symposium and Research Collaboration Workshop at the 2016 International Cerebral Palsy Conference. Stockholm June 2016
- 2014 Postural control variability: A developmental process supporting sensory motor exploration and Discussion panel. Invited Symposium presented by Dusing S at Inspiring infancy – intertwinement of sensory, motor and cognitive abilities during typical and atypical development. Hosted by the Department of Neurology Beatrix Children’s Hospital. University Medical Center Groningen. Groningen, Netherlands. May 2014.

INVITED NATIONAL

- 2019 Knowledge Translation Lecture: Implementing Best Practice Through a Research Clinician Collaboration. Brown S and Dusing SC. APTA Combined Section Meeting. Washington DC. Jan 2019
- 2019 Fear is Preventing us from Building a Brighter Future through early detection and intervention. Keynote (last minute replacement of snowed in keynote). Implementation Of Early Detection And Intervention For Cerebral Palsy Conference April 11, 2019 Columbus. OH
- 2019 Research to Practice Filling Knowledge Gaps to Advance Neonatal Rehabilitation and Early Intervention. University of Southern California. March 4, 2019
- 2019 Motor Assessment. Implementation Of Early Detection And Intervention For Cerebral Palsy Conference April 12, 2019. Columbus. OH
- 2019 Motor Intervention. Implementation Of Early Detection And Intervention For Cerebral Palsy Conference April 13, 2019. Columbus. OH
- 2019 The American Academy of Pediatric Physical Therapy Knowledge Transplation Lectureship: NICU Best Practice: A clinician-researcher collaboration. Combined Section Meeting. S Dusing and S Brown. Washington DC. Feb 2019
- 2016 Early Detection and Intervention for Infants Born Preterm at High-Risk of Disabilities. University of Nebraska Medical Center, Omaha NE. October 2016
- 2016 Physical Therapy for the Infant Born Preterm: From the NICU to Preschool. Rutgers School of Health Professions Continuing Education Program. Newark, NJ. March 12-13 2016
- 2013 Teamwork in the Neonatal Intensive Care Unit. Symposium presented by Dusing SC at the APTA, Section on Pediatrics Annual Conference. Anaheim CA, Nov 10, 2013.
- 2013 Developmental Follow-up for the High-Risk Infant Symposium presented by Dusing SC at the APTA, Section on Pediatrics Annual Conference. Anaheim CA, Nov 10, 2013.

INVITED STATE/LOCAL

- 2019 Implementation of Guidelines for the Early Detection of Cerebral Palsy. Children's Hospital of Richmond Pediatrics Grand Rounds. October 20, 2019.
- 2019 Play - A critical Skill for all infants and young children. VCUHealth 41st Annual Pediatric Primary Care Conference. July 27, 2019
- 2019 Building a Successful Research Proposal - Ancillary Documents. Wright Center for Clinical and Translational Research. Virginia Commonwealth University. March 2019
- 2018 Play - A critical Skill for all infants and young children. Virginia Physical Therapy Association Pediatric Special Interest Group Annual Meeting. Nov 2018.

- 2018 Improving Care Using Common Data Elements: Applications in Torticollis and Cerebral Palsy. Virginia Commonwealth University. Fundraiser for the Foundation for Physical Therapy Marquette Challenge. January 26, 2018
- 2017 START_Play Presentations and Year 1-2 Update. Richmond Hope Therapy, ARC of Virginia, Treehouse Therapy, SPOTOn Therapy, Children's Hospital of Richmond, University of Virginia, 2017 Greater Richmond Early Intervention Programs, District10 Early Intervention Program. Fall 2017
- 2016 Early detection of developmental disabilities in infant Management Strategies for Functional Impairments in Children. University of Virginia. Dec 2016
- 2016 Physical Therapy for the Infant Born Preterm: From the NICU to Present school. Virginia Commonwealth University Physical Therapy Continuing Education fundraiser for Marquette Challenge. Richmond VA. April 16, 2016.
- 2016 Therapeutic Interventions for Infants to enhance motor and cognitive outcomes. Management Strategies for Functional Impairments in Children. University of Virginia. Dec 2016
- 2014 Developmental Support for the Growing Preemie. Presented by Dusing SC at the Virginia Neonatal Nutrition Association. September 2014
- 2014 Linking Body Structures to Function and Participation in Infancy and Childhood. Presented by Dusing SC, Damiano D at the Virginia Physical Therapy Association Retreat. Charlottesville, VA March, 2014.
- 2014 Transition from the NICU to Early Intervention: Are we supporting infant born preterm? Presented by Dusing SC at the Virginia Occupational Therapy Association Conference. Norfolk, VA March 2014.
- 2014 Development of the Infant Born Preterm. Presented by Dusing SC at Virginia Commonwealth University, Department of Pediatrics Grand Rounds. Richmond, VA. Jan 7, 2014.
- 2013 Factors Associated with Developmental Concerns and Intent to Access Therapy Following NICU Discharge. Presented by Dusing SC at Virginia Physical Therapy Association, Pediatric Special Interest Group Web Café and Journal Discussion. September 2013.
- 2013 Developmental Care of the Infant Born Preterm: NICU Follow-up and Early Intervention. Presented by Dusing SC and Ivey C at Pediatrics at the Beach, VCU School of Medicine Continuing Medical Education. Virginia Beach, VA July 2013
- 2013 Physical Therapy: Who to Refer from your General Pediatric Setting. Presented by Dusing SC at Pediatrics at the Beach, VCU School of Medicine Continuing Medical Education. Virginia Beach, VA July 2013
- 2013 Supporting Development of Infant's Born Preterm: Do our policies match the needs? Presented by Dusing SC at Virginia Commonwealth University Department of Healthcare Policy and Research Seminar. Richmond VA April 2013

- 2013 Discovering Ways to Support the Development of Infants Born Preterm. Presented by Dusing SC at Discovery Dialogues at VCUHS. Jan 2013
- 2012 Premies Can Talk: Who is Listening? Presented by Dusing SC and Reyna B. Virginia Commonwealth University Neonatal Intensive Care Unit, Richmond VA. July, Aug, Sept 2012 (5 sessions to train 150 staff members)
- 2010 Neonatal Physical Therapy: Applying Theory to Practice. 12th Annual Advanced Clinical Practice in Pediatric Physical Therapy. Oct 2010.

PEER REVIEWED INTERNATIONAL SYMPOSIA

- 2019 Crossing the Border from the NICU to home – when should rehabilitation begin? Focused Symposium. Dusing SC, Morgan C, Oberg GK, Spittle A. Symposium Presentation at AACPDM 2019. Anaheim CA
- 2019 From motion to cognition: What are the best ingredients for early intervention to optimize the transition to school entry for infants with neuromotor dysfunction? Focused Symposium. Harbourne R, Dusing SC, Lobo MA, Morgan C, Guzzetta, A. Symposium Presentation at AACPDM 2019. Anaheim CA

PEER REVIEWED NATIONAL SYMPOSIA

- 2020 Strategies to Elicit, Sustain, and Measure Behavior Change in Pediatric Rehabilitation Research. Symposium. Levac D, Lobo M, Heathcock J, Dusing S. APTA Combined Sections Meeting. Denver CO. Feb 2020.
- 2020 The Roles of Variability and Error in Movement Learning: APPT Research Forum. Prosser L, Adolph K, Reisman D, Dusing S. APTA Combined Sections Meeting. Denver CO. Feb 2020.
- 2019 Making Children Smarter: Jointly Advancing Motor and Cognitive Skills in Infant with Motor Delays. Pre-conference Course, 9 hours. Harbourne R, Dusing S, A Lobo M, Westcott-McCoy S. APTA Combined Section Meeting. Washington DC. Jan 2019
- 2019 Infant and Child Development: Innovation and Foundations for Rehabilitation. Heathcock J, Dusing SC, Lobo M, Smith B, Lochman J. APTA Combined Section Meeting. Washington DC. Jan 2019
- 2018 Harbourne, R. Dusing SC Lobo M, Westcott-McCoy S. Making Children SMARTER: Jointly Advancing Motor and Cognitive Development Accepted for symposium Presentation at the Combined Sections Meeting. New Orleans AL. Feb 2018
- 2018 Dusing SC, Tripahi T*, L Hsu. Play-based versus Standardized Assessment: Which to use when and why? Symposium Presentation at the Combined Sections Meeting. New Orleans AL. Feb 2018

- 2017 Dusing SC, McManus B. Gaps in Services and Solutions for Improving Therapy Following NICU Discharge. National Association of Neonatal Therapists Conference. Pheonix Az. April 2017
- 2017 Heathcock J, Smith B, Dusing S, Lobo M. High- and low-tech approaches to assessment and intervention in infants. Presentation as symposium at the Combined Sections Meeting. San Antonio, Tx. Feb 2017
- 2016 Dusing SC, Harbourne, R. Does Movement Change Infant Cognition? Documenting Key Intervention Ingredients and Quantifying Fidelity. Accepted for Breakfast Seminar. American Academy of Developmental Medicine and Child Neurology. Hollywood FL, Sept 2016.
- 2016 Technology for Enhanced Movement in Pediatrics: An Update From Research Summit IV. APTA, Combined Sections Meeting, Anaheim CA. Feb 2016.
- 2015 Competencies, Continuing Education, and Mentoring Needed to Provide Care in the NICU. Planned presentation at the APTA NEXT Conference & Exposition 2015. Presented by Nixon-Cave K and Dusing SC. National Harbor, Maryland, June 4, 2015
- 2015 Engaging Parents in Supporting Development in the NICU and Beyond Planned presentation at the APTA NEXT Conference & Exposition 2015. Presented by Dusing SC, Rocha NA, Brown S. National Harbor, Maryland, June 4, 2015
- 2014 Postural control Assessment and Intervention in Infancy. Webinar at Physicaltherapy.com. June 2014
- 2014 Supporting Development of Infant's Born Preterm: Do our policies match the needs? Presented by Dusing SC at the Southeast Region Consortium of the Association for University Centers for Disabilities (AUCD) Webinar. Jan 15, 2014. Archived at http://www.aucd.org/itac/detail/event.cfm?event_id=4547&parent=655&parenttitle=ITAC+Related+Events
- 2011 Variability in Postural Control During Infancy: Implications for Development, Assessment and Intervention. Presented by Dusing SC at Pediatric Motor Control: Perspectives on Postural and Lower Extremity Assessment, Oakland, CA. October 2011.
- 2011 Variability in Postural Control During Infancy: Implications for Development, Assessment and Intervention. Presented by Dusing SC at American Physical Therapy Association, Section on Pediatrics Annual Conference. Orlando FL Sept 2011.
- 2011 Applying NICU Practice Guidelines to Cases: Part 1 and Part 2. Presented by J Sweeney, S Dusing, J Melroy, M Reilly at American Physical Therapy Association, Section on Pediatrics Annual Conference. Orlando FL Sept 2011.
- 2011 Advances in Pediatric Practice. Presented by S Dusing, L Feters, M Hadders-Algra, B Ulrich, B Vereijken. American Physical Therapy Associate Combined Section Meeting. Feb 2011.
- 2011 Intervention to Advance Sitting and Reaching in Infants and Young Children with Disabilities: Evidence and Clinical Decision Making Principles. Presented by Dusing

- SC, Galloway JC, Lobo M, Harbourne R. American Physical Therapy Associate Combined Section Meeting. Feb 2011.
- 2011 NICU Practice Framework: Evidence, Theory, and Competency Training Models. Presented by Sweeney J, Dusing S, McElroy J, Blanchard Y. American Physical Therapy Associate Combined Section Meeting. Feb 2011.
- 2010 Nonlinear Dynamics in Physical Therapy Intervention: How does the new concept of complexity relate to clinical practice? Presented by Harbourne R, Dusing S, Stergiou N, Cavanagh J. American Physical Therapy Association, Combined Sections Meeting. Feb 2010.
- 2010 My CORRT Experience: within Funded Research and Early Career Development Opportunities (K12) for Faculty Members. American Physical Therapy Association, Combined Sections Meeting. Feb 2010.
- 2009 Physical Therapy for the Infant Born Preterm in the NICU and Community. Virginia Physical Therapy Association Annual Conference. Richmond, VA. Oct 2009.
- 2009 Characteristics of Center of Presenture Movement Variability in Infants. University Of Delaware. BIOMS Seminar. March 2009.
- 2009 Physical Therapy in the NICU: What we know and what we need to know. American Physical Therapy Association, Combined Section Meeting. Las Vegas, NV. Feb 2009.
- 2007 Occupational and Physical Therapy in the Neonatal Intensive Care Unit: Evidence and Practice. VCU Health System, Department of Neonatology, Research Forum. November 2007.
- 2007 Motor Development of Infants Born Preterm: What we know and what we need to know. Central District, Virginia Physical Therapy Association. November 2007.
- 2007 Trunk Position and Muscle Activation Patterns of Infants Positioned in Supine. APTA, Section on Pediatrics. Research Summit II, Early Intervention. October 2007.
- 2007 Motor Development of Premature Infants. Virginia Physical Therapy Association State Conference. October 2007.
- 2006 Discharge Recommendations to Enhance Motor Development in Infants Born Prematurely. Prematurity Awareness Conference. Richmond, VA. October 2006.
- 2006 Physical Therapy and Genetic Disorders. Virginia State Genetic Counselor Conference. Richmond, VA. November 2006.
- 2004 Emergency Preparations for Evacuation Persons with Mobility Impairment. Cary YMCA, Sponsored by the NC Office on Disability & Health. Cary, NC. April 2004.
- 2004 Financing and Access to Care at The Accessing Care Workgroup. Building Capacities of Service Delivery Systems for Children and Youth with Disabilities and Special Health Care Needs conference funded by NIDRR. Bethesda, MD. March 2004.

REFERRED INTERNATIONAL PLATFORMS AND POSTERS

- 2020 Supporting Play, Exploration, and Early Development Intervention (SPEEDI) for Preterm Infants: A Feasibility Study in an Australian Context. Finlayson FM,* Olsen J, Dusing SC, Guzzetta A, Eeles A, Spittle A. Accepted for presentation at the AusACPD March 2020. Perth Australia.
- 2019 Sit long, talk much. Language, general motor ability, and independent sitting for infants with motor delays. Marcinowski EC*, Hsu LY, Dusing SC, Bovaird J, Harbourne RT, Lobo, MA, Westcott McCoy, SW, Koziol N, & START-Play Consortium. Neuro_D Well. Nov 2019 Lisboa, Lisbon.
- 2019 Measuring early problem-solving in children with motor impairments: evaluating responsiveness over time using a modification of the early problem solving indicator Molinini R*, Inamdar K*, Marcinowski E*, Dusing S, Koziol N, Lobo M, Harbourne R, Mccoy S, Bovaird J. Scientific Paper Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 63.
- 2019 Supporting play, exploration and early development intervention (SPEEDI) for preterm infants: a feasibility study in an Australian context Finlayson F*, Dusing S, Olsen J, Guzzetta A, Kwong A, Spittle A. Scientific Paper Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 64
- 2019 Effect of neonatal therapy intervention on neurobehavior, neuromotor or cognitive development of preterm infants Khurana S*, Dusing S, Kane A, Brown S, Tarver T. Scientific Paper Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 66
- 2019 Effect of structured neonatal physical therapy (SNP) intervention on neurobehavior and quality of general movements in moderate to late preterm (MLP) infants Khurana S*, Rao B, Senthil KD, Lewis L, Kamath A, Dusing S. Scientific Poster Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 204.
- 2019 Development of adaptive behavior in infants and toddlers with neuromotor delay. Hsu L, Mccoy S, Paulson M, Dusing S, Lobo M, Harbourne R. Scientific Poster Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 113.
- 2019 Feasibility, validity, and reliability of a novel means-end problem solving assessment tool (MEPSAT) Cunha A, Babik I, Koziol N, Nord J, Hsu L, Harbourne R, Bovaird, Dusing S, Mccoy S, Lobo M. Scientific Poster Presentation at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA. DMCN 61 (Supplement 3) 206.

- 2019 Harbourne, R. T., Dusing, S. C., Lobo, M. A., McCoy, S. W., Koziol, N. A., Hsu, L.Y., Willett, S., Marcinowski, E*. C., Babik, I., Cunha, A. B., An, M., Chang, H.J., Bovaird, J. A., & Sheridan, S. (2019). Efficacy of the START-Play Program for Infants with Neuromotor Disorders: Cognitive outcomes. Scientific Paper Presentation at the American Academy for Cerebral Palsy and Developmental Medicine Conference, Anaheim, CA, September, 2019. DMCN 61 (supplement 3) 70.
- 2019 Efficacy of the START Play Program for Infants with Neuromotor Disorders: Motor outcomes. Lobo M.A., Harbourne R.T., Dusing S.C., McCoy, S., Cunha, A. B., Babik, I., Hsu, L.Y Koziol, N., Bovaird, J., Marcinowski, E. C*. Change, H.J., An, M., & Sheridan, S. (2019). Scientific Paper presentation at the American Academy for Cerebral Palsy and Developmental Medicine Conference, Anaheim, CA, September 2019. DMCN 61 (supplement 3) 66.
- 2019 Efficacy of a Motor and Cognitive Intervention for Infants Born Preterm: A Protocol. Stacey C Dusing, Jennifer Burnsed, Karen Hendricks-Munoz, Leroy Thacker, Amy Harper, Richard Stevenson. Demonstration Poster Presented at the American Academy of Developmental Medicine and Child Neurology Conference. September 2019. Anaheim, CA.
- 2019 Sitting postural control interventions for children with or at risk for Cerebral Palsy (CP): protocol for a systematic review. Inamdar K*, Dusing SC, Molinini RM*, Panibatla S. Demonstration Poster presentation at AACPD 2019. Anaheim CA
- 2018 Emily Marcinowski*. Arms Free Sitters Perform More Bimanual Objects Combinations, Than Prop Sitters. Poster Presented at ISDP October 2018 San Diego, California
- 2018 START-Play: Jointly advancing motor and cognitive development in infants with motor delays. Presented by Harbourne R, Dusing S, Westcott-McCoy S, Lobo M. AACPD 2018. Cincinnati OH. October 2018
- 2018 Tripathi T*, Dusing SC, Pidcoe PE. Can a Model Based on Associative Learning be use to Assess Prone Motor Learning Abilities and Enhance Prone Motor Control in Infants? Poster presentation at AACPD 2018. Cincinnati OH October 2018. Developmental Medicine & Child Neurology Volume 60, Issue S3.
- 2018 Dusing SC, Harbourne, R, Lobo MA, Westcott-McCoy S, Bovaird J. "Improvements in Motor and Cognitive Development Following Sitting Together And Reaching To _Play (START_Play): Single Subject Multiple Baseline Study of Two Children ", Free Paper Presentation AACPD 2018. Cincinnati, Ohio October 2018. Developmental Medicine & Child Neurology Volume 60 Issue S3
- 2018 Harbourne, R. Dusing SC Lobo M "A Comparison of Object Permanence Progression during Sitting Development in Infants with Typical Development and Infants with Motor Delay " Poster Presentation AACPD 2018. Cincinnati, Ohio October 2018. Developmental Medicine & Child Neurology Volume 60 Issue S3
- 2018 Marcinowski EC*, Hsu LY*, Westcott-McCoy S, Dusing SC. Sitting Skill Relates to Babbling and Word Comprehension During Infancy. Poster presentation at International Conference on Infant Studies. New Orleans LA. June 2018

- 2017 Marcinowski EC*, Tripathi T*, Stankus J, Chang HJ, Harbourne R, Dusing SC, START_Play Consortium. Changing in Sitting and Sitting Angle Affect Toy Exploration During Infancy. Poster presentation at ISDP. Washington DC. Nov 2017
- 2017 Syed G, Tripathi T*, Marcinowski* E, Hsu LY, Koziol N, Dusing SC, START_Play Consortium. The Impact of Increasing Sitting Ability and Age in Developing Early Problem Solving Skills. Poster presentations at ISDP. Washington DC, Nov 2017
- 2017 Tripathi T*, Hsu LY, Koziol NA, Syed G*, Dusing SC, START-Play Consortium Concurrent Validity of the Bayley Cognitive Subtest and Early Problem Solving Indicator in Infants with Neuromotor Impairments. Poster Presented at the AACPD 2017. Montreal, Canada. Sept 2017
- 2016 Dusing SC, Brown, L, Thacker L, Tripathi T*, Hendricks-Munoz K. Supporting Mother-Infant Interaction in the NICU May Enhance Oral Motor Skills, Weight Gain, and Feeding Volume: A Pilot Study. Accepted for Platform Presentation. American Academy of Developmental Medicine and Child Neurology. Hollywood FL, Sept 2016. DMCN 58, (S5) page 13-14. DOI: 10.1111/dmcn.11_13224
- 2016 Dusing SC, Thacker L, Tripathi T*, Brown, L, Hendricks-Munoz K. Initial Efficacy of SPEEDI: A Developmental Intervention Provided for 15 weeks in the NICU and Community Improves Motor Abilities in Infants Born Very Preterm or with Brain Injury. Accepted for Platform Presentation. American Academy of Developmental Medicine and Child Neurology. Hollywood FL, Sept 2016. DMCN 58, (S5) page 14-15. DOI: 10.1111/dmcn.12_13224
- 2015 Rocha NACF*, Silva FPS*, Dusing SC. Impact of mother-child interaction on development during the first year of life: a systematic review. Accepted for platform presentations at AACPD 69th Annual Meeting, Austin in Texas October, 2015. Nominee for Gayle G. Arnold Award
- 2015 Arnoni JLBA, Silva FPS, Pavão SL*, Dusing SC; Rocha, NACF*. Effect of intervention using videogame on gross motor function of children with cerebral palsy: A randomized controlled trial. Accepted for platform presentations at AACPD 69th Annual Meeting, Austin in Texas October, 2015.
- 2014 Dusing SC, Hendricks-Munoz K, Thacker L. Supporting Play, Exploration, & Early Development of Infants born preterm (SPEEDI): A pilot randomized clinical trial. Platform presentation at the American Academy of Developmental Medicine and Child Neurology (AACPD) Conference. San Diego CA Sept 2014.
- 2012 Dusing SC, Izzo T. Postural Control in the Full term and Preterm Infant: A Preliminary Analysis of a Longitudinal Study. Poster Presentation at the International Conference on Infant Studies (ICIS). June 2012.
- 2010 Dusing SC, Galloway JC, Stergiou N. An Innovative Method of Quantifying Postural Development in Young Infants. Poster Presentation at the International Conference on Infant Studies (ICIS). March 2010.

REFERRED NATIONAL PLATFORMS AND POSTERS

- 2020 Validation of a Measure of Change in Problem-Solving Skills in Infants with Motor Delay. Rebecca Molinini*, Ketaki Inamdar*, Daniel Russell*, Regina Harbourne, Sarah McCoy, Natalie Koziol, James Bovaird, Stacey Dusing. Accepted for Poster Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Changes in Parent Child Interaction Following START-Play Intervention. Sonia Khurana*, Audrey Kane, Emily Marcinowski*, Natalie Koziol, Regina T. Harbourne, Michele A. Lobo, Jim Bovaird, Sarah W. McCoy, Stacey C. Dusing. Accepted for Platform Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Developing a Sensitive Model Measuring Change in Problem-Solving Skills in Infants with Motor Delays. Rebecca Molinini*, Ketaki Inamdar*, Daniel Russell*, Regina Harbourne, Sarah McCoy, Natalie Koziol, James Bovaird, Stacey Dusing. Accepted for Platform Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Efficacy of the START-Play Intervention Compared to Usual Care in Children with Cerebral Palsy. Stacey C. Dusing, Regina T. Harbourne, Michele A. Lobo, Sally W. McCoy, James A. Bovaird, Natalie A. Koziol, Lin-Ya Hsu. Accepted for Platform Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Implementation of a Multi-Dimensional Fidelity Measure in the START-Play Clinical Trial. An M, Dusing SC, Harbourne R, Sheridan S, Lobo AM, McCoy SW, Koziol NA. Accepted for Platform Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Adaptive Behavior in Infants with Neuromotor Delay. Michelle Paulson, Lin-Ya Hsu, Regina Harbourne, Stacey Dusing, Michele Lobo, Sarah McCoy. Accepted for Poster Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2020 Sitting postural control interventions for children with or at risk for Cerebral Palsy: A systematic review and meta-analysis. Inamdar K*, Molinini RM*, Dusing SC, Panibatla S. Accepted for Poster Presentation at APTA Combined Section Meeting. Denver Co. Feb 2020
- 2019 Dusing, SC, Greenberg, KS*, Kane AE, Marcinowski EC*. The Impact of Parent Directed Movement on Infant Position and Transitions During a Parent Infant Free Play Session. Platform presentation at CSM 2019. Pediatric Physical Therapy: January 2019 - Volume 31 - Issue 1 - p E22 doi: 10.1097/PEP.0000000000000580
- 2018 Rosales M, Tripathi T, Dusing SC, Smith B. Surveying Caregivers About Device Use And Infant Position Using A Smartphone-Based Application: Response Rates From A Pilot Study" Was Accepted as a Poster at North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Denver, CO. June 2018. Abstract published in Journal of Sport and Exercise Psychology. 40(S1)pS35.
- 2018 Rosales M, Tripathi T*, Dusing SC, Smith B. Surveying Caregivers About The Duration Of Various Positions And Devices Used For Infants: Is Ecological Momentary Assessment Necessary? Accepted for platform presentation at North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Denver, CO. June 2018 Abstract published in Journal of Sport and Exercise Psychology. 40(S1)pS35.

- 2018 Tripathi T*, Syed G*, Marcinowski, E*, Hsu LY, Koziol N, Dusing SC, START_Play Consortium. Sitting Abilities Predict Early Problem Solving Skills in Infants with Motor Delays. Accepted for Platform Presentation at the Combined Section Meeting. New Orleans, LA. Feb 2018 Abstract Published Pediatric Physical Therapy: January 2018 - Volume 30 - Issue 1 - p E1–E8
- 2017 Dusing SC, Tripathi T*, Brown S, Marcinowski E*. Parent Child Interaction: A Key Component of Development and Therapy for Infants. Presentation as symposium at the Combined Sections Meeting. San Antonio, Tx. Feb 2017
- 2017 Marcinowski EC*, Tripathi *T, Parson H*, Dusing SC. Parent-Child Interaction and the Supporting Play Exploration and Early Development Intervention (SPEEDI) Improve Infant Cognitive. Platform Presentation at the Combined Sections Meeting. San Antonio, Tx. Feb 2017 Published in Pediatric Physical Therapy. 29(1):E4, January 2017.
- 2017 Tripathi T*, Owens A*, Thacker LR, Hendricks-Munoz K, Dusing SC. Initial Efficacy Of Supporting Play Exploration And Early Development Intervention (SPEEDI): A Developmental Intervention Provided In The NICU And Community Improves Problem Solving Abilities In Infants Born Very Preterm Or With Brain Injury. Platform Presentation at the Combined Sections Meeting. San Antonio, Tx. Feb 2017 Published in Pediatric Physical Therapy. 29(1):E6, January 2017.
- 2016 Dusing SC, Thacker LR, Galloway JC. Infant born preterm have delayed development of adaptive postural control in the first 5 months of life. Accepted for presentation. APTA, IV Step Conference. Columbus OH, July 2016
- 2016 Dusing SC, Thacker L Hadders-Algra M. Relationship between General Movement Assessment, Postural Complexity and the Test of Infant Motor Performance in Infants 4 months of age and younger. Platform presentation. APTA, Combined Sections Meeting. Anaheim CA. Feb 2016 Published in Pediatric Physical Therapy. Spring 2016, 28(1)
- 2016 Tripathi T*, Dusing SC. Long term Neurodevelopmental Outcomes Among Late preterm Infants: A Systematic Review. Poster presentation. APTA, Combined Sections Meeting. Anaheim CA. Feb 2016 Published in Pediatric Physical Therapy. Spring 2016, 28(1)
- 2015 Dusing, SC, O’Grady M*, Green, TL. Access to Early Intervention Services: Neonatal Intensive Care Unit (NICU) to Home. Poster Presentation at the APTA NEXT Conference. June 2015
- 2015 O’Grady M*, and Dusing SC. Reliability and Validity of Play-based Assessment of Motor and Cognitive Skills for Infants and Young Children: A Systematic Review. Abstract accepted for poster presentation at APTA Combined Section Meeting in Indianapolis. Feb 2015.
- 2014 O’Grady M*, and Dusing SC. Positioning changes problem-solving behaviors in a young child with severe motor delay: a case study. Poster presented at the APTA Combined Section Meeting in Las Vegas. Feb 2014.
- 2013 Dusing SC, Lobo MA, Galloway JC. Posture and movement experience advance object exploration and motor development in the late preterm infant: A Prospective Case Series

Report. Poster presented at American Physical Therapy Association Combined Sections Meeting. San Diego. Jan 2013.

- 2013 Dusing SC, Izzo T, Thacker L. Preliminary Analysis of Postural Control Variability in Full Term and Preterm Infants. Platform presented at American Physical Therapy Association Combined Sections Meeting. San Diego. Jan 2013.
- 2011 Dusing SC, Galloway JC. Complexity and the Development of Midline Head Control in Early Infancy. *Journal of Sport and Exercise Psychology*. 33S: 29. Platform presentation at the North American Society for the Psychology of Sport and Physical Activity. Burlington VT. June 2011.
- 2010 Dusing SC, Galloway JC, Stergiou N, Thacker L. Center of Pressure Movement Variability During Early Arm Movements. *Pediatric Physical Therapy*. 2011 Spring: 23 – (1): 96. Platform presented at American Physical Therapy Association Combined Sections Meeting.
- 2009 Dusing SC, Brown S, VanDrew C. Single Session Parent Education May Not Be Enough Before Neonatal Intensive Care Discharge. *Pediatric Physical Therapy*. 2009 Winter: 21 (4): 384. Poster Presentation at American Physical Therapy Association, Annual Conference, June 2010.
- 2009 Dusing SC, Kyvelidou A, Mercer VS, Stergiou N. Movement Variability in Preterm and Full Term Infants at Term Age. *Pediatric Physical Therapy*. 2009 Spring: 21 (1): 90. Platform presented at the American Physical Therapy Association Combined Section Meeting. Feb 2009.
- 2009 Dusing SC, Murray T, Brown S, Vandrew, Stern M. Parent Preferences for Motor Development Education in the Neonatal Intensive Care Unit. *Pediatric Physical Therapy*. 2009 Spring: 21 (1): 106-107. Poster presented at the American Physical Therapy Association Combined Section Meeting. Feb 2009.
- 2008 Dusing SC. Assessing Trunk Position Using A Computerized Pressure Mat System. *Pediatric Physical Therapy*. 2008 Spring: 20 (1): 99-100. Poster presented at the American Physical Therapy Association Combined Section Meeting. Feb 2008.
- 2008 Becker EG*, Dusing SC. Participation is Possible: A Case Report of Integration into a Community Performing Arts Program. *Pediatric Physical Therapy*. 2008 Spring: 20 (1): 102-3. Poster presented at the American Physical Therapy Association Combined Section Meeting. Feb 2008.
- 2006 Dusing SC, Thorpe DE, Poe M, Rosenberg A, Mercer V, Escolar M. Gross Motor Development Of Children With Hurler Syndrome Post Umbilical Cord Blood Transplant. *Pediatric Physical Therapy*. Spring 2006: 18 (1): 89. Presented at the American Physical Therapy Association Combined Section Meeting. Feb 2006.
- 2005 Dusing SC, Thorpe DE, Andrew A, Gildea K, Heath N, Stange J, Tompkins J. A Normative Sample of Temporal and Spatial Gait Parameters in Children and Adults Using the GAITRite® Electronic Walkway. *Pediatric Physical Therapy*. Winter 2005: 17 (1): 76. Poster presented at the APTA Combined Section Meeting. February 2005.

- 2005 Thorpe DE, Dusing SC, Andrew A, Gildea K, Heath N, Stange J, Tompkins J. Immediate Test- Retest Reliability of the GAITRite ® Electronic Walkway for Temporo-Spatial Parameters of Gait in Children and Young Adults. *Pediatric Physical Therapy*. Winter 2005: 17 (1): 87. Poster presented at the APTA Combined Section Meeting. February 2005.
- 2004 Dusing SC, Rosenberg A, Piner S. A Retrospective Study of Discrepancy In Gross and Fine Motor Skills in Children Diagnosed With Hurler Syndrome. *Pediatric Physical Therapy*. Spring 2004: 16(1): 52. Poster presented at the American Physical Therapy Association Combined Section Meeting, Nashville, TN. Feb 4-8 2004.
- 2004 Dusing SC, Skinner AC, Mayer ML. Unmet Need for Therapy Services and Mobility Aids: Data from the National Survey of Children with Special Health Care Needs. *Pediatric Physical Therapy*. Spring 2004: 16(1): 52-53. Poster presented at the American Physical Therapy Association Combined Section Meeting, Nashville, TN. Feb 4-8 2004.
- 2003 Dusing SC, Guiliani C. Do Home Modifications or Exercise Reduce the Incidence of Falls in Community-Dwelling Older Adults? A Meta-Analysis of RCTs. *Gerontologist*. October 2003: 43(Special issue I): 377. Poster presented at the Gerontological Society of America Conference. Nov 2003.
- 2003 Dusing SC, Mercer VS. Trunk position of preterm and full term infants at 1-3 weeks post-term age. *Pediatric Physical Therapy*. Spring 2003: 15(1): 54. Poster presented at the American Physical Therapy Association Combined Section Meeting. Feb 2003.
- 2001 Tawney KW, Kovach J, Lowett A, Dusing S. Disability and functional limitations of hemodialysis patients entering a rehabilitation program. Presented at the ASN 35th Annual Meeting & Scientific Exposition, Philadelphia, PA. November, 1-4 2002.

REFERED STATE/LOCAL PLATFORMS AND POSTERS

- 2017 Whiting C*, Marcinowski E*, Dusing SC, START_Play Consortium. Parents Provide Similar Play Opportunities to Infants with and without motor delays while learning to sit. Poster Presented at the VPTA Meeting. Newport News, VA. Sept 2017
- 2016 Owens A*, Tripathi, T, Marcinowski E*, Dusing SC. Effects of Supporting Play Exploration and Early Development Intervention (SPEEDI) on Active Exploration in Infants Born Very Preterm or with Brain Injury. Poster Presented at the Virginia Physical Therapy Association Annual Meeting. Chantilly, VA Oct 2016.
- 2016 Syed G*, Parson H*, Marcinowski E*, Dusing S. Does Supporting Play Exploration and Early Developmental Intervention (SPEEDI) Change How Parents Engage Their Infant? Poster Presented at the Virginia Physical Therapy Association Annual Meeting. Chantilly, VA Oct 2016.
- 2013 Dusing SC, Brown S, Van Drew. Early Intervention Services During the Transition from the NICU to Home: Are we meeting the needs? Platform presented at the VPTA Annual Conference, Richmond VA. Oct 2013.

2013 O'Grady M*, and Dusing SC. Test-retest reliability of a play-based assessment tool for children with motor delays. Poster presented at the VPTA Annual Conference, Richmond VA, Oct 2013. Awarded Best Student Research Presentation.

GRANTS AND CONTRACTS AWARDED

CURRENTLY FUNDED GRANTS - EXTERNAL RESEARCH GRANTS

Principle Investigator / National:

5/1/20-4/20/25 Sitting Together And Reaching To Play (START-PLAY) A Multicenter Clinical Trial for Children under 2 years with Cerebral Palsy. NIH, NICHD R01HD101900 \$3,043,834
PI: S Dusing and R. Harbourne

The purpose of this multisite clinical trial is to evaluate the efficacy of a physical therapy intervention designed to advance sitting and reaching skills with the ultimate goal of improving cognitive skills of infants with cerebral palsy under 2 years of age. 150 children with or at high risk of having CP will be enrolled and participate in 5 assessment visits and 24 intervention visits, 50 at USC. (Enrolled planned for Jan 2021, secondary to coronavirus)

8/1/18-7/30/23 Efficacy of Motor and Cognitive Intervention for Infants Born Preterm (Short Title – Does Timing Matter? SPEEDI2). NIH, NICHD R01HD093624 Funding Period. \$2,843, 832 (3.6 person months/year) ClinicalTrials.gov Identifier: NCT03518736
Role: PI The purpose of this multi-site RCT is to evaluate the efficacy of Supporting Play Exploration and Developmental Intervention for infants born preterm. This proposal will evaluate efficacy in a cohort al born less than 29 weeks of gestation and compare the efficacy of the intervention started in the NICU or 3 months later.

Co-Investigator / International

3/1/18-2/28/22 Norwegian Post-Doctoral Funding Agency. Play as a Therapeutic Tool in Pediatric Physical Therapy. PIs: Gunn Kristin Øberg and Ragnhild B. Håkstad \$86,125
Role: Research Collaborator

The purpose of this study is to evaluate differences in the therapist and parents impressions on the use of play in therapy sessions in Norway and the United States.

6/1/20-5/31/25 APP1199780. National Health and Medical Research Council Preventative and Public Health. Telerehabilitation to improve neurodevelopmental outcomes of infants born preterm and their parents' well-being: a randomized clinical trial. \$1,819,842 AUD. PI: Alicia Spittle.
Role: Co-I. This clinical trial will evaluate the use of an intervention I developed and which has been converted to telemedicine for this trial.

Co-Investigator / National

8/15/18-5/31/23 Play & Learning Across a Year (PLAY). NIH R01-HD-094830.. \$6,340,000 total costs. Subaward for VCU \$21,000 (0.12 person months). PIs Adolph K, Gilmore, R, Tamis-Lemonda, C

Role: Launch Group Member and Subaward PI.

The purpose of this study is to develop a data set that focus on the behaviors of infants and mothers during natural activity in their homes. The data set will consist of fully transcribed and annotated videos, parent report questionnaires, video tours of the home, digital recordings of ambient noise, and detailed demographic information on 900+

infants and mothers from across the United States and Canada that will allow for collaborative analysis to a variety of research questions.

7/1/15-6/30/19, Extended 6/30/23
Sitting Together And Reaching To Play (START-PLAY).
Institute of Education Sciences, National Center for Special Education Research, Early Intervention and Early Learning in Special Education, Award #R324A150103
PI: R. Harbourne and JC Galloway.
NCE through 6/30/20: \$3,430,109 total cost. (3.6 person months/year)
12/1/19 – 6/30/2023 Renewal with additional funding: \$900,000 to extend follow-up period (1.8 person months/ year on supplement)
Clinical trial registry NCT02593825
Role: Site PI and Subaward PI
The purpose of this multisite clinical trial is to evaluate the efficacy of a physical therapy intervention designed to advance sitting and reaching skills with the ultimate goal of improving cognitive skills of infants with neuromotor disorders or delayed motor skills.

CURRENTLY FUNDED - INTERNAL RESEARCH GRANTS

Principle Investigator

10/1/18- 10/31/20 VCU Center for Clinical and Translational Research. SPEEDI2_BrainBehavior: Relationship between CNS integrity and a Parent-Delivered Developmental Intervention for infants born very preterm Grant. SPEEDI2. \$50,000.
Role: PI
The purpose of this project is to evaluate the feasibility and collect pilot data on the efficacy of the SPEEDI intervention (funded by an NIH R01) with different types of brain injuries and the neuroplasticity changes following early and intensive intervention.

PENDING GRANT PROPOSALS

Principle Investigator / National

2020 Replication to Evaluate the Efficacy of the START-Play Intervention Program Across a Broad Population of Young Children With Significant Motor Delays. Institute of Education Sciences, Department of Education. Submitted and under review. 8/1/2021-7/30/26. Role: Lead Site Multiple PI. Total Costs \$4,400,000.

2020 Preterm brain injury, neuroplasticity response to intervention (Premie_NRTI). NIH R21 submitted and under review. (4/1/21-3/30/23). Role: PI
The purpose of this proposal is to evaluate the impact of brain injury and quantify neuroplastic changes in response to physical therapy intervention in an already funded clinical trials. This funding would add measures of brain injury and neuroplasticity.

Principle Investigator / Local

None Pending

Co-Investigator / National

2019 Multisensory interventions to improve neurodevelopmental outcomes of preterm infants hospitalized in the neonatal intensive care unit. NIH R01. Submitted Aug 2020. PI Pineada
Role: Co-I

Co-Investigator /Local

2019 Evaluating the feasibility, reliability, and validity of a new measure of proprioception in 1-5 year olds. PI Virginia Chu. Submitted Nov 2019. Funding Period 2020-2021
Role: Co-I and mentor
The purpose of this study is continue our collaboration to develop a novel and feasible assessment of early proprioception. This study will assess both feasibility and assess reliability and validity.

COMPLETED FUNDING

Principle Investigator / National

4/1/14-3/31/16 Supporting Play, Exploration, & Early Development Intervention (SPEEDI) for Infants Born Preterm: An Initial Efficacy Study. Foundation for Physical Therapy, Pediatric Grant.
\$40,000 total and direct costs.
Role: PI ClinicalTrials.gov Identifier: NCT02153736
The purpose of this project is to evaluate the initial efficacy of a novel intervention, SPEEDI, to improve motor and problem solving skills. SPEEDI is unique as it is an intervention bridging the gap in developmentally supportive rehabilitation service from the neonatal intensive care unit to the community.

5/10/17-4/30/18 Feasibility of Using Operant Conditioning for Improving Prone Motor Skills and Prone tolerance in 3-6 months Old Infants. Virginia Commonwealth University Department of Physical Therapy Research Fund. \$3841.80
Role: PI
The purpose of this feasibility study was to evaluate the team's ability to complete the intervention, parent's ability to implement the home programs and the sensitivity of the outcome measures to change. This project supported a PhD student project and also lead to an NIH R15 proposal.

1/1/09-6/30/10 Does Early Postural Intervention Effect Sitting Balance or Reaching in Infants Born Preterm. American Physical Therapy Association, Section on Pediatrics Planning Grant. No Number. no cost extension 7/1/11 \$30,000
Role: PI
The purpose of this project was to develop a collaborative team and write a federal grant application for a clinical trial. This team developed and submitted multiple federal grants which lead to the funding of the START_Play trial in 2014.

6/15/08-8/31/10 Multicenter Career Development Program for Physical and Occupational
9/1/10-8/31/11 Therapists. Comprehensive Opportunities in Rehabilitation Research Training Program. NIH/ K12 HD055931. PI: M. Mueller. 9/1/07-8/31/12. \$3,184,825
Role: Faculty Scholar and PI on my application and subaward
Project Title: Motor Control, Coordination, and Motor Learning of Infants Born Preterm.
Initial Scholar Funding: 6/15/08-8/31/10, \$212,153.
Competitive Renewal of Funding: 9/1/10-8/31/11, \$75,802.
(max 3 years of funding allowed by NIH).
The purpose of the overarching K12 program was to increase the number of highly trained Physical and Occupational Therapy Faculty who are prepared to lead research teams. The purpose of project was to evaluate the impact of postural control on learning in infant.

- 7/1/14- 6/30/15 Supporting Play, Early Exploration and Development in Infants born preterm (SPEEDI) Feeding and Parent Child Interaction Extension Project. Children's Hospital Foundation Research Grant. \$5,000.00.
Role: PI
The purpose of this project was to extend a pilot clinical trial and add measures of feeding and parent child interaction providing preliminary data for future research.
- 7/1/11-6/30/12 Feasibility Study of SPEEDI (Supporting Play, Exploration, and Early Development Intervention). Presidential Research Incentive Program (PRIP), Virginia Commonwealth University Funded as School of Allied Health Professions Research Incentive Program Award. \$35,000.
Role: PI
The purpose of this project was to assess the feasibility of an intervention to enhance motor and cognitive outcomes in infant born very preterm. This project lead to a foundation funded pilot study and an NIH R01 to evaluate the efficacy of the intervention.
- 9/1/10-6/30/12 Postural Control During Spontaneous and Pre-Reaching Movements in Preterm Infants. A.D. Williams Research Grant. Funded \$15,000.
Role: PI.
The purpose of this project is to evaluate to impace of postural control on reaching and learning in infant born preterm.
- 9/1/07-8/30/08 Feasibility of Conducting A Premature Infant-Specific Developmental Education Program as an Intervention in a Neonatal Intensive Care Unit to Reduce Maternal Prematurity Stereotyping and Enhance Infant Motor Development. Clinical Research Feasibility Fund, General Clinical Research Center, Virginia Commonwealth University. GRCR Grant M01 RR00065. Subproject 6203. Funded, \$9,544.
Role : PI
The purpose of this focus group study was to collect parent input on an assessment and intervention strategy before beginning to design studies of the interventions efficacy.
- 1/1/08 – 8/15/08 Enhancing Pediatric Physical Therapy Education through Simulated Experiences. Center for Teaching Excellence, Small Grant. Virginia Commonwealth University, Funded: \$3,000.
Role: PI
- 1/1/05-12/31/05 Gross Motor and Gait Abilities of Children with Hurler Syndrome, pre and post Umbilical Cord Blood Transplantation. Smith Graduate Research Grant. University of North Carolina at Chapel Hill, \$1000. Role: PI
- 8/1/05- 5/1/06 Gross Motor and Gait Abilities of Children with Hurler Syndrome, pre and post Umbilical Cord Blood Transplantation. Promotion of Doctoral Studies II Award. American Physical Therapy Association, Physical Therapy Foundation, \$15,000. Role: PI
- 8/1/03-7/31/04 Mary McMillian Doctoral Scholarship. American Physical Therapy Association, Physical Therapy Foundation, \$5000. Role: PI

1/1/01-12/21/02 Trunk Position of Preterm and Full Term Infants at 1-3 Weeks Post-Term Age.
University of North Carolina at Chapel Hill Human Movement Science Student Research
Fund,
Funded, \$200. Role: PI

Co-Investigator / International

4/1/18-12/1/18 University of Melbourne, School of Health Sciences Mid-Career Research Grant.
Supporting Play Exploration and Early Developmental Intervention (SPEEDI) for Infant
Born Extremely Preterm – A Pilot Pragmatic Randomized Controlled Trial. PI: Alicia
Spittle and Rosemarie Bolland. \$24,675
Role: Co-I
The purpose of this project is to evaluate the feasibility of conducting a pragmatic trial of
an intervention approach developed and pilot tested by Dusing.

Co-Investigator / National

12/1/17-11/31/18 Development of a real-time smartphone-based survey of positioning device use in infants.
American Academy of Pediatric Physical Therapy Research Grant Competition. PI Beth
Smith \$ 9,928
Role: Co-I
The purpose of this project is to complete a pilot study on the validity of use a
smartphone based survey instead of a paper survey to evaluate the use of positioning
devices and play positions in infants.

1/1/2016 - 1/1/2017 Commercialization of the SIPP3 (Self-Initiated Prone Progressive Crawler) –
PI Pidcoe PE. Quest Innovation Fund, Virginia Commonwealth University. \$47,000
Role: Co-I
The purpose of this project is to constructing an optimized prototype, complete a case
series to evaluate feasibility of the new prototype, and developing a marketing plan.

MENTOR GRANTS

International

2/28/14-3/1/15 Fundação de Amparo a Pesquisa do Estado de São Paulo (FAPESP) Post Doctoral
Scholarship Award. PI: Nelci Adriana Cicuto Ferreira Rocha. Funded
Role: Post-Doctoral Mentor
The purpose of this project was to train this scholar to use behavior coding and evaluate
the influence of parent child interactions on therapeutic intervention.

National

7/1/17-6/31/18 Development and Psychometric Testing of the Maternal Perception of Pre-term Infant
Well Being Scale. American Academy of Pediatric Physical Therapy Mentored Grant
Competition. PI Sandra Willett
\$ 9,990
Role: Mentor
The purpose of this project is to evaluate the psychometric of an assessment scale for use
in a younger population of infants who are in the neonatal intensive care unit.

2/1/17-1/31/18 Does participating in a supervised fitness program extend the benefits of episodic
physical therapy more than a home exercise program for adults with cerebral palsy?
American Academy of Pediatric Physical Therapy Mentored Grant Competition. PI
Christina Withers. Clinical trial registry NCT03218774
No cost extension 12/31/18 \$ 9,973.95

Role: Mentor

The purpose of this project is to complete a pilot clinical trial to compare home programs with a guided fitness program in adults with cerebral palsy.

7/1/17-6/30/18 Effect of Neonatal Physiotherapy Intervention on Neurobehavioral Development. Virginia Commonwealth University Quest Global Impact Award. \$5,000
Role: PI and Faculty Mentor to Sonia Khurana from Manipal University
The purpose of this project is to conduct a systematic review on the efficacy of physical therapy interventions provided in the neonatal intensive care unit.

7/1/16- 6/30/17 Relation Between Motor, Cognitive, and Language Skills during Infancy: An Extension of the START-Play Clinical Trial. Children's Hospital Foundation Research Grant. \$7,500.00.
Role: Mentor to the PI (Emily Marcinowski – post doc)
The purpose of this project is to investigate the relationship between motor, cognitive, and language skills during the development of sitting in typically developing infants.

State/Local/University

9/1/20 – 9/30/21 Quantification of neural development during infancy - A pilot study. Postdoctoral Association of Virginia Commonwealth University (Postdoctoral Scholar Small Grant Program) PI: Khurana
\$5,000
Role: Mentor

10/01/17-9/30/18 How does parent-child interaction affect the development of object construction during infancy? Postdoctoral Association of Virginia Commonwealth University (Postdoctoral Scholar Small Grant Program) PI: Marcinowski
\$5,000
Role: Mentor
The purpose of this project is to evaluate the typical progression of object construction skills in infants. This extends the post-docs previous line of research.

FUNDED - TRAINING GRANTS

10/1/17-12/31/22 H325K170012 2017 OSEP Personnel Development to Improve Services and Results for Children with Disabilities: Interdisciplinary Preparation in Special Education Early Intervention, and Related Services for Personnel Serving Children With Disabilities Who Have High-Intensity Needs: Focus Area B - Preparing Personnel to Serve School-Age Children with Disabilities Who Have High-Intensity Needs (CFDA #84.325K)
ITIP: Interdisciplinary Training on Inclusive Practices. Office of Special Education Programs. \$1,074,146 (1.2 person months/year) PI: Carole Ivey.
Role: Co-I (until left VCU 4/1/20)
The purpose of this training grant is to increase the number and quality of school based physical therapists who have focused training on this area of practice.

10/1/17-9/31/22 H325K170076 Personnel Development to Improve Services and Results for Children with Disabilities: Interdisciplinary Preparation in Special Education Early Intervention, and Related Services for Personnel Serving Children With Disabilities Who Have High-Intensity Needs: Focus Area A: Preparing Personnel to Serve Infants, Toddlers, and Presentchool-Age Children with Disabilities Who Have High-Intensity Needs (CFDA # 84.325K).

Project 3IP: Interdisciplinary and Intensive Intervention Preparation for Professionals Serving Young Children with Significant Disabilities. \$1,090,947.00 over (0.24 person months/year). PI: Yaoying Xu.

The purpose of this training grant is to increase the number and quality of early intervention physical therapists who can join the workforce with additional interdisciplinary training.

Role: Co-I (until left VCU 4/1/20)

7/1/16-6/30/21 Virginia Leadership Education in Neurodevelopmental Disabilities
Maternal and Child Health Bureau T73MC00040
PI: P. Accardo
\$616,392.00
Role: Core Faculty, 20% effort, through 6/30/19
The purpose of this training grant is to train emerging leaders in the field of developmental disabilities. Dusing is a core faculty member and mentors students enrolled in this program.

IV. TEACHING AND MENTORING ACTIVITIES

COURSES DEVELOPED AND TAUGHT

Doctorate in Physical Therapy (DPT) Curriculum, Virginia Commonwealth University
2006 – 2020 PHTY 626, Lifespan Development (6 credit hours).
Sole Instructor 2006-2007, Lead Instructor 2008-present.

2006- 2020 PHTY 691, Special Topics -Pediatric Physical Therapy (2 credit hours)
Sole Instructor 2006-2007, Co-Instructor 2008-present

Rehabilitation and Movement Sciences Ph.D Curriculum
2015 REMS 692 Independent Study: Independent Study in NeuroBiology and Developmental Implications of Brain Injury (3 credits) – as needed

2012, 2014 2019 REMS 703 Developmental Motor Control (3 credits) initially taught as REMS 692
Independent Studies

COURSES TAUGHT OR CO-TAUGHT

Doctorate in Physical Therapy (DPT) Curriculum, Virginia Commonwealth University
2006-2008 and PHTY 624, Clinical Problem Solving I (2 credits)
2010-2020 PHTY 654, Physical Therapy Seminar II (1 credit)
PHTY 674, Clinical Problem Solving III (1 credit)
2012-2020 REMS 793 Teaching Practicum in Higher Education – taught once per PhD student
2012-2020 REMS 710 Research Techniques in Rehabilitation and Movement Sciences –
taught once per PhD student
2012-2020 REMS 798 Research in Rehabilitation and Movement Science. 12 credit hours per PhD
Student minimum
2014-2020 REMS 794 Research Presentation Seminar, 1 credit hour

COURSES CO-TAUGHT IN INTERDISCIPLINARY TRAINING PROGRAMS/GRANTS

Leadership Education in Neurodevelopmental Disabilities (Va-LEND) Curriculum

- 2018-2019 Interdisciplinary Training Classes and Online Modules. Interdisciplinary Training for Inclusive Practices (ITIP) 2018-2019
- 2018 – 2019 Interdisciplinary Training Classes. Project 3IP: Interdisciplinary and Intensive Intervention Preparation for Professionals Serving Young Children with Significant Disabilities.
- 2006-2018 Instructor, Childhood Neurodevelopmental Disabilities. IDDS 603: Lecture series title: Intellectual Disability & Neuromotor Impairment and research poster advisor. Spring every year.
- 2006- 2018 Advisor, Leadership in Developmental Disabilities IDDS 602, 2 credit hours. Fall every year.
- 2006 – 2018 Faculty Coordinator, Practicum in Disability Leadership. IDDS 672. 3 Credits per student spread over Fall, Spring every year.
- 2006 – 2018 LEND Leadership Project (IDDS 672), 1 credit per student (Fall/Spring/Summer Semesters)

OTHER UNIVIERSTY TEACHING EXPERIENCE

- 2006 Adjunct Instructor, PHT6402, Neuromuscular II, 8 week - Pediatrics Module, Winston Salem State University, Department of Physical Therapy. (4 credit course, 2 credit hours pediatrics).
- 2005 Co-Instructor, PT665, Physical Care and Management of Students with Severe/Profound Disabilities, Western Carolina University, Department of Physical Therapy. (3 credit hours).
- 2006 Co-Instructor, PT665, Physical Care and Management of Students with Severe/Profound Disabilities, Western Carolina University, Department of Physical Therapy. (3 credit hours).
- 2005 Consultant, PHYT 323, Topics in Chronic Disabilities, University of North Carolina at Chapel Hill. Transitional Doctorate in Physical Therapy Program. (3 credit hours).
- 2005 Instructor, PHYT 260, Clinical Education I, University of North Carolina at Chapel Hill. Master's in Physical Therapy Program. (2 credit hours).
- 2005 Co-instructor, PHYT 299, Seminar in Advanced Cases and Differential Diagnosis, University of North Carolina at Chapel Hill. Master's in Physical Therapy Program. (2 credit hours).
- 2003 Co-Instructor, Infant and Child Assessment, University of North Carolina at Chapel Hill. Human Movement Science Program. (2 credit hours)
- 2003 Teaching Assistant, Motor Development and Human Movement Across the Lifespan, University of North Carolina at Chapel Hill. Physical Therapy Program.
- 2002 Teaching Assistant, Motor Development and Human Movement Across the Lifespan, University of North Carolina at Chapel Hill. Physical Therapy Program.

- 1999 Guest Lecturer, Therapeutic Interventions in the NICU, Occupational Therapy Assistant Program, College of Health Sciences, Roanoke, VA.
- 1997 Teaching Assistant, Kinesiology, Daemen College, Amherst NY.
- 1995-1996 Teaching Assistant, Physics, Daemen College, Amherst, NY.

GUEST LECTURES IN UNIVERISTY COURSES

- Feb 2019 Motor Learning and the Motor Development in the First Year Department of Psychology, VCU Course PSYC 613
- 2013-2017 Disabilities Awareness Lecture, PT Exploration Program. Department of Physical Therapy
- 2006, 2012 Typical Motor Development in the First Year of Life. Virginia Commonwealth University, Department of Psychology, Course PSYC 614 Infant Behavior and Development
- 2007 Prematurity and Low Birth Weight: Causes and Consequences. Virginia Commonwealth University, VA-LEND Research Workshop.
- 2006, 2007 Positioning and Handling for Children with Special Healthcare Needs. Virginia Commonwealth University, UPLINK/MetroReady program. Course ECSE 641 Interdisciplinary Methods in Early Intervention.

RESEARCH MENTORING

Junior Faculty Mentoring

- 2017-present Audrey Kane, ORT/L, PhD Virginia Commonwealth University Occupational Therapy. Initially adjunct faculty, hired full time to OT faculty 2019

Junior Faculty Mentoring, Ad Hoc

- 2018 – present Dana McCarthy, PT, DPT – University of North Carolina Chapel Hill Consulting Mentor on NIH KL2 awarded in 2019
- 2018-present Virginia Chu, OTR/L, PhD – Virginia Commonwealth University Occupational Therapy. Planning NIH K application 2020
- 2012- 2018 Ben Darter, PT, PhD - Virginia Commonwealth University Physical Therapy Successfully Tenured as Associate Professor 2018

Physician Scholar Mentoring

- 2019-present Olivier Rolin, PhD, MD – Early Detection of Cerebral Palsy and Clinical Research Program Development
- 2019- present Miheret Yitayew, MD - Neonatology Fellowship Scholarship Oversight Committee INTERGROWTH-21 Versus Fenton to evaluate growth and risk of poor neurodevelopmental outcomes among preterm infants

2015 – 2017 Teresa J Witcher, MD - Neonatology Fellowship Scholarship Oversight Committee.
Relationship between the Neonatal Resuscitation Scores and Neurodevelopmental Outcomes

Visiting Scholars

10/17-6/18 Sonia Khurana, VCU Global Visiting Scholar
Completed Systematic Review of Preterm Therapeutic Interventions

11/15 Ragnhild Haaksta, PT
PhD Student, Department of health and care sciences Faculty of health science.
UiT The Arctic University of Norway
Drafted post-doc grant and research experience in parent child interaction assessment

7/14 Pavão SL. Department of Physical Therapy - Universidade Federal de São Carlos
Drafted paper on Linking the Assessment of Life Habits for children to the International Classification of Functioning, Disability and Health for children and youth

Post-Doctoral Mentoring, Primary

2014-2015 Nelci Adriana Cicuto Ferreira Rocha.
Professor, Department of Physical Therapy - Universidade Federal de São Carlos

2015-2019 Emily C. Marcinowski, M. A., PhD –
Assistant Professor, Louisiana State University, Kinesiology Department

2018- present Sonia Khurana, PhD

Post-Doctoral Mentoring – Ad Hoc

2017-present Ragnhild Haaksta, PT, PhD
Department of health and care sciences Faculty of health science. UiT The Arctic University of Norway

Physical Therapy Clinician Scientist

2010- present Shaaron Brown, PT, DPT – Interventionist on all 3 SPEEDI Trials, Study Coordinator for 1 trial, Interventionist on START-Play Trial. Ongoing participation in clinical research trials

2012-2018 Cathy VanDrew, PT, DPT – Assessor on initial SPEEDI feasibility study, Interventionist for START-Play trial

2017-2019 Christina Withers, DPT – Mentored Research Grant resulted in presentation, publication under development

2017-2019 Sandy Willet, PT, PhD – Mentored Research Grant in collaboration with PhD training, publications under development

Doctoral Student Committee Chair

2010-2015 Michael O’Grady - PhD in Rehabilitation and Movement Science Program,
Withdrew

- 2014-2018 Tanya Tripathi, PhD in Rehabilitation and Movement Science Program (PhD Awarded, 2018)
- 2018 – present Rebecca Molinini - PhD in Rehabilitation and Movement Science Program
- 2018 – present Ketaki Inamdar - PhD in Rehabilitation and Movement Science Program
- 2019 – present Corrie Stuyvenberg – University of Minnesota PhD program in Rehabilitation Science. Remote mentoring and research lab work in behavioral coding 10 hours / week

Doctoral Student Committee Member

- 2010-2012 Lois Phillips Pulla - PhD Awarded in Nursing, 2012
Faculty member

Doctorate in Physical Therapy and Occupational Therapy Student Mentored in Research

- 2019 – present Molly Gupta – OT Student working on START-Play trial
- 2019 – 2020 Karstan Wildeus – DPT Student working on START-Play Trial
- 2017 – 2020 Samantha Chalker – DPT Student working on the START-Play Trial
- 2017-2019 Katie Greenberg, DPT – DPT student worked on START-Play Trial
- 2016-2018 Cara Whiting, DPT – DPT student worked on START-Play Trial
- 2015 – 2017 Hayley Parson, DPT – DPT Student worked on SPEEDI Initial Efficacy Study
- 2015 – 2016 Allison Owens – DPT - DPT Student worked on SPEEDI Initial Efficacy Study
- 2015 – 2017 Laura Haley – DPT, DPT Student worked on SPEEDI Initial Efficacy and Feasibility Studies
- 2011-2013 Zach VanHart, DPT, DPT Student worked on SPEEDI Feasibility Study
- 2010 – 2012 Chrissy Putney – DPT, DPT Student working on postural control research
- 2010-2012 Jen Davis – DPT, DPT Student working on postural control research

Undergraduate Students and Research Assistants Mentored in Research

- 2019 – 2020 Caitlin Evans – Working on NYU Play study
- 2019 – present Megan Evans – Working on NYU Play and SPEEDI2
- 2018-2019 Abdelrahman Aberlraham, PSYC 394, summer RA position – START-Play study
- 2017-2019 Kayla Brennan, PYSC 394, 494, Summer Undergraduate RA Scholarship
Started DPT program, Drexel University 2019
- 2018 – 2019 Daniel Russel – Working on START-Play Study
Started Speech Language Pathology Program, Western Carolina University 2019
- 2017-present Keya Patel, Psych 494, Volunteer, RA position – START-Play and NYU Play
Applying to DPT programs
- 2016-2018 Prem Madesh – Psych 394, 494, volunteer – START-Play
Started medical school 2019
- 2014-2015 Alexandra Closson – Psych 394 – SPEEDI Feasibility Study
- 2014- 2018 Gyllnar Syed – Psych 394, 494, Volunteer, Research Assistant – SPEEDI and S
START Play
Now in PhD Program in Neuroscience George Mason University

LEADERSHIP DEVELOPMENT MENTORING

- 2015 – 2017 Kat Hayes and Erica Stowe – Needs assessment for the Children's Assistive Technology Services (CATS) program.

2014-2016 Jessica Ward - Implementing a Concussion Management program in the Richmond Public Schools

2014-2016 Lauren Bussian and Sarah Nockengost, REACH Cycles Program Development and Outreach.

2013-2015 Alicia Kohn and Sara Slabach- Support Group for Siblings of Children with Developmental Disabilities – Community liason

2013-2015 Andrenia Andueza-Croce - Community Fitness Program for Teens with Autism Spectrum Disorders

2013-2015 Lindsay Dawson - Building a Connection: VCU DPT and REACH Cycles

2012-2014 Samantha Arritt - Book Drive and Reading Education Training for Developmental Clinics

2012-2014 Rebecca Craft - Expanding Advocacy Awareness for Persons with Disabilities Panel

2011-2013 Theresa Izzo - Developmental Screenings on Tangier Island, A Community Engagement Project.

2011-2013 Carter Tyrell - Developing a Resource Guide to Adapted Fitness in Central Virginia

2011-2013 Jennifer Davis (Saddlington) - Developing a Mentoring Program for Persons with Disabilities in Special Olympics

2010-2012 Allison Bryne and Lindsey Borgmiller - Adaptive Equipment Drive for mission to Peru

2009-2010 Amanda Perry - Activity Program to support tummy time at the Westminster Canterbury Child Development Center

2007-2009 Jessica Hubbard and Ashley Cook - Development of a Parent Education Brochure and Presentation for Parents of Preterm Infants

2006-2008 Emily Becker - A Case Report of Integration into a Community Performing Arts Program