

# CURRICULUM VITAE

**Roberta Gittens Pineda, PhD, OTR/L, CNT**

**August 2023**

## **I. BIOGRAPHICAL INFORMATION**

### PERSONAL INFORMATION:

University Address: Herman Ostrow School of Dentistry of USC  
Mrs. T.H. Chan Division of Occupational Science and Occupational Therapy  
1540 Alcazar St., CHP-133  
Los Angeles, CA 90089-9003

Telephone: (323) 442-2154  
E-mail: [bobbi.pineda@chan.usc.edu](mailto:bobbi.pineda@chan.usc.edu)  
Website: [https://chan.usc.edu/people/faculty/Bobbi\\_Pineda](https://chan.usc.edu/people/faculty/Bobbi_Pineda)

### EDUCATION:

2006      **Doctor of Philosophy in Rehabilitation Science**  
University of Florida  
Gainesville, FL

1994      **Master of Health Science in Occupational Therapy**  
University of Florida  
Gainesville, FL

1992      **Bachelor of Health Science in Occupational Therapy**  
Florida Agricultural and Mechanical University  
Tallahassee, FL

### ACADEMIC APPOINTMENTS:

2023-present      **Associate Professor (with tenure)**  
Mrs. T.H. Chan Division of Occupational Science and Occupational Therapy,  
Herman Ostrow School of Dentistry  
University of Southern California (USC), Los Angeles, California

2020-present      **Associate Professor (courtesy joint appointment)**  
Department of Pediatrics and Neonatology, Keck School of Medicine  
University of Southern California (USC), Los Angeles, California

2020-2023      **Assistant Professor**  
Mrs. T.H. Chan Division of Occupational Science and Occupational Therapy,  
Herman Ostrow School of Dentistry  
University of Southern California (USC), Los Angeles, California

2020-present	<b>Adjunct Professor</b> Program in Occupational Therapy and Department of Pediatrics Washington University School of Medicine, St. Louis, Missouri
2013-2020	<b>Assistant Professor (tenure-track)</b> Program in Occupational Therapy and Department of Pediatrics Washington University School of Medicine, St. Louis, Missouri
2011-2013	<b>Assistant Professor (research track)</b> Program in Occupational Therapy and Department of Pediatrics Washington University School of Medicine, St. Louis, Missouri
2010-2011	<b>Instructor</b> Program in Occupational Therapy and Department of Pediatrics Washington University School of Medicine, St. Louis, Missouri
2007-2010	<b>Staff Scientist</b> Department of Pediatrics Washington University School of Medicine, St. Louis, Missouri
2005	<b>Adjunct Instructor</b> Program in Occupational Therapy Washington University School of Medicine, St. Louis, Missouri
2003-2005	<b>Adjunct Instructor</b> Department of Occupational Therapy University of Florida, Gainesville, Florida

#### AFFILIATION APPOINTMENTS:

2020-present	<b>Faculty Member Affiliate</b> USC Gehr Family Center for Health Systems Science and Innovation Keck School of Medicine of USC
2020-present	<b>Faculty Member Affiliate</b> Center for the Changing Family USC Dornsife College of Letters, Arts and Sciences
2020-present	<b>Faculty Member Affiliate</b> Saban Research Institute Best Starts to Life Research Core Children's Hospital of Los Angeles
2016-2020	<b>Faculty Member Affiliate</b> Institute for Public Health Washington University in St. Louis
2014-2020	<b>Faculty Member Affiliate</b>

Washington University Network of Dissemination and Implementation  
Researchers (WUNDIR)  
Center for Dissemination and Implementation Science  
Washington University in St. Louis

#### CLINICAL APPOINTMENTS:

2014-present	<b>NICU Network Neurobehavioral Scale (NNNS) Trainer</b> Brown Center for At-Risk Infants and Children, Brown University Providence, Rhode Island
2007-2020	<b>Neurobehavioral Assessment for Infants in Research Studies</b> Washington University Intellectual and Developmental Disabilities Research Center St. Louis, Missouri
2001-2004	<b>Occupational Therapist</b> Shands Hospital University of Florida, Gainesville, Florida
1999-2001	<b>Occupational Therapist</b> Duke Children's Hospital Durham, North Carolina
1997-1999	<b>Occupational Therapist</b> University of North Carolina at Chapel Hill Children's Hospital Chapel Hill, North Carolina  Parents and Children Together (PACT) Early Intervention Program Burlington, North Carolina
1995-1997	<b>Occupational Therapist</b> All Children's Hospital Saint Petersburg, Florida
1993, 1995, 1997	<b>Occupational Therapist</b> Cross Country Healthcare
1992-1993	<b>Occupational Therapist</b> Associated Health Focus Lakeland, Florida

## II. SCHOLARLY ACTIVITIES

#### RESEARCH AREAS:

- Exploration of occupational disruption of the high-risk infant in the NICU and their parents
- Investigation of factors associated with cerebral alterations and adverse neurodevelopmental outcome in high-risk newborn infants, specifically infants born preterm
- Investigation of how early factors in the NICU environment (low/high stimulation environments, stress, pain, medical complications and interventions, parenting, brain injury, and prenatal exposures) support or impede function and neurodevelopmental outcome

- Tool development and psychometrics of neonatal neurobehavioral and feeding assessments
- Implementation of programming to improve service delivery to high-risk infants and families

## GRANTS AWARDED:

### External Grants (Federal/Foundation Funding)

#### Principal Investigator

07/2022-07/2028	<b>NIH National Institute of Child Health and Human Development (NICHD)</b> <i>Award:</i> R01 HS026740 <i>Title:</i> Multisensory Interventions to Optimize Neurodevelopmental Outcomes in Preterm Infants Hospitalized in the NICU <i>Role:</i> Principal Investigator <i>Funding:</i> \$3,911,770
12/2021-12/2023	<b>California Foundation of Occupational Therapy</b> <i>Award:</i> Lisa Test Endowed Research Award and General Research Grant Award <i>Title:</i> Increasing Access to the Supporting and Enhancing NICU Sensory Experiences (SENSE) Program Among Infants Hospitalized in California NICUs and Their Families <i>Role:</i> Principal Investigator <i>Funding:</i> \$5,000
07/2021-07/2023	<b>NIH National Institute of Child Health and Human Development (NICHD)</b> <i>Award:</i> R44 HS092210 (SBIR Phase II) <i>Title:</i> Mechanism to Promote Safe and Efficient Oral Feeding in Preterm Infants <i>Role:</i> Principal Investigator <i>Funding:</i> \$1,730,886
09/2021-09/2023	<b>American Occupational Therapy Foundation</b> <i>Award:</i> Implementation Research Grant Award <i>Title:</i> Implementation of the Baby Bridge program Via Telehealth to Enhance to Early Intervention Services in Los Angeles <i>Role:</i> Principal Investigator <i>Funding:</i> \$100,000
04/2017-12/2017	<b>NIH National Institute of Child Health and Human Development (NICHD)</b> <i>Award:</i> R43 HD092210-01 (SBIR Phase I) <i>Title:</i> The Premie Pacer: An Innovative Bottle to Promote Safe and Efficient Oral Feeding in Preterm Infants <i>Role:</i> Principal Investigator <i>Funding:</i> \$149,917
12/2015-11/2019	<b>Gordon and Betty Moore Foundation</b> <i>Award:</i> Patient and Family Engagement Early-Career Investigator Award #GF4954 <i>Title:</i> Engaging Families in NICU Care to Optimize Outcomes of Preterm Infants <i>Role:</i> Principal Investigator <i>Funding:</i> \$502,503

### Project Principal Investigator

- 07/2014-05/2016      **NIH National Center for Medical Rehabilitation Research (NCMRR)**  
Boston Rehabilitation Outcomes Center  
*Award:* R24 HD065688  
*Title:* Validation of a Developmental Feeding Assessment for High Risk Infants  
*Role:* Project PI (PI: Alan Jette, PhD, MPH)  
*Project Funding:* \$42,000 (Total funding: \$3,879,496)
- 09/2011-08/2013      **NIH National Institute of Child Health and Human Development (NICHD)**  
Comprehensive Opportunities for Rehabilitation Researcher Training Program  
*Award:* K12 HD055931-06  
*Role:* Project PI (PI: Michael Mueller)  
*Project Funding:* \$488,127 (Total funding: \$12,676,879)

### Co-Investigator, Collaborator, Consultant

- 07/2021-07/2022      **American Academy for Cerebral Palsy and Developmental Medicine**  
*Award:* Clinical Research Grant  
*Title:* Therapeutic Intervention Supporting Development from NICU to 6 months for Infants Post Hypoxic Ischemic Encephalopathy  
*Role:* Co-Investigator (PI: Barbara Sargent, PhD, PT)  
*Funding:* \$25,000
- 01/2021-01/2022      **American Physical Therapy Association**  
*Award:* Academy of Pediatric Physical Therapy Planning Grant  
*Title:* Development of a Research Consortium and Planning a Proposal to Evaluate the Efficacy of STEPS H2: Supporting Transitions by Enhancing Parent Support from Hospital to Home  
*Role:* Co-Investigator  
*Funding:* \$36,000 (PI: Stacey Dusing, PhD, PT)
- 08/2010-9/2015      **NIH National Institute of Child Health and Human Development (NICHD)**  
Washington University Intellectual and Developmental Disabilities Research Center (WUIDDRC)  
*Award:* P30 HD062171  
*Title:* Development of a Research Consortium and Planning a Proposal to Evaluate the Efficacy of STEPS H2: Supporting Transitions by Enhancing Parent Support from Hospital to Home  
*Role:* Co-Investigator (Co-PIs: Terrie Inder, MD and John Constantino, MD)  
*Funding:* \$4,259,744
- 04/2008-03/2013      **NIH National Institute of Child Health and Human Development (NICHD)**  
*Award:* R01 HD057098  
*Title:* Understanding Neurobehavioral Defecits in Preterm Infants through Imaging  
*Role:* Co-Investigator (PI: Terrie Inder, MD)  
*Funding:* \$2,945,678

## **Internal Grants (University Funding)**

### Principal Investigator

03/2021-03/2022	<b>USC Center for the Changing Family</b> <i>Award:</i> Small Grants Award Program <i>Title:</i> Longitudinal Outcomes of Preterm Infants Study <i>Role:</i> Principal Investigator <i>Funding:</i> \$5,000
09/2020-09/2021	<b>Southern California Clinical and Translational Science Institute (SC CTSI)</b> <i>Award:</i> Clinical Research Support Voucher Program <i>Title:</i> SENSE Mobile Application <i>Role:</i> Principal Investigator <i>Funding:</i> \$3,000
06/2019-11/2019	<b>Washington University Institute of Clinical and Translational Sciences (ICTS)</b> <i>Award:</i> Just-In-Time (JIT) Core Usage Funding Program <i>Title:</i> Development of the Supporting and Enhancing NICU Sensory Experiences (SENSE) Mobile Application <i>Role:</i> Principal Investigator <i>Funding:</i> \$5,000
08/2018-01/2020	<b>Washington University Center for Dissemination and Implementation</b> <i>Award:</i> Pilot Grant Program <i>Title:</i> The Baby Bridge Program: Easing the Transition from NICU to Home <i>Role:</i> Principal Investigator <i>Funding:</i> \$30,000
09/2014-12/2017	<b>Washington University Office of the Vice Chancellor for Research</b> <i>Award:</i> University Research Strategic Alliance (URSA) Grant <i>Title:</i> Defining and Implementing Sensory-Based Interventions in the NICU <i>Role:</i> Principal Investigator <i>Funding:</i> \$25,000
08/2013-08/2014	<b>Washington University McDonnell Center for Systems Neuroscience</b> <i>Award:</i> New Resource Proposal Award <i>Title:</i> Exploring Differences in Brain Structure among Infants in Different Neonatal Intensive Care Unit Environments <i>Role:</i> Principal Investigator <i>Funding:</i> \$38,000
01/2013-01/2015	<b>Washington University at St. Louis Program in Occupational Therapy</b> <i>Award:</i> Occupational Therapy Developmental Award <i>Title:</i> Difference in Sensory Exposures across Different Neonatal Intensive Care Unit Environments <i>Role:</i> Principal Investigator <i>Funding:</i> \$40,000

## ISSUED AND PENDING PATENTS & COPYRIGHTS:

- 2022 Copyright, University of Southern California, Supporting and Enhancing NICU Sensory Experiences (SENSE), 2<sup>nd</sup> Edition; <https://chan.usc.edu/nicu/sense>
- 2020 U.S. Patent Application 16,734,059, filed on 1/3/20 and pending; Alternative Methods of Dosing for the Automatic Pacing System for a Baby Bottle, Premie-Pacer, LLC.
- 2020 U.S. Patent 10,555,875, issued 2/11/20; Automatic Pacing System for a Baby Bottle, Premie-Pacer, LLC.
- 2019 U.S. Patent 10,434,035, issued 10/8/19; Automatic Pacing System for a Baby Bottle, non-provisional patent, Premie-Pacer, LLC.
- 2017 Copyright, Washington University, Supporting and Enhancing NICU Sensory Experiences (SENSE); <https://otm.wustl.edu/for-industry/tools/supporting-enhancing-nicu-sensory-experiences-sense/>
- 2015 U.S. Patent 9,033,167, issued 5/19/15; Automatic Pacing System for a Baby Bottle, provisional patent, Premie-Pacer, LLC.
- 2014 Copyright, Washington University, Neonatal Eating Outcome Assessment; <https://chan.usc.edu/nicu/neonatal-eating-outcome-assessment>

## PUBLICATIONS:

*Underline indicates senior author(s) on publication; asterisk indicates direct student mentee.*

### **Peer-Reviewed Journal Articles – Original Research**

- 2023 Stein Duker L, Kwon J\*, Richter M\*, **Pineda R.** Feasibility of wearable sensors in the NICU: Psychophysiological measures of parental stress. *Early Human Development*, 105814. doi: 10.1016/j.earlhumdev.2023.105814
- 2023 **Pineda R.**, Smith D\*, Richter M\*, Gruskin B\*, Dusing S, Peden C. Healthcare professionals' perceptions about a telehealth model of therapy after NICU discharge. *OTJR: Telehealth*, 43 (3) 495-504. doi: 10.1177/15394492231153997
- 2023 **Pineda R.**, Knudsen K, Breault C, Rogers E, Mack W, Fernandez-Fernandez A. NICUs in the US: levels of acuity, number of beds, and relationships to population factors. *Journal of Perinatology*, 43 (6) 796-805. doi: 10.1038/s41372-023-01693-6.
- 2023 Grabill M\*, Smith J, Ibrahim C\*, **Pineda R.** Prevalence of early feeding alterations among preterm infants and their relationship to early neurobehavior. *American Journal of Occupational Therapy*, 77 (3): 7703205170. doi: 10.5014/ajot.2023.050123.
- 2023 **Pineda R.**, Kellner P, Guth R, Gronemeyer A, Smith J. NICU sensory experiences associated with positive outcomes: An integrative review of evidence from 2015-2020. *Journal of Perinatology*. Advance online publication. doi: 10.1038/s41372-023-01655-7.

- 2023 Richter M\*, Angell A, Kellner P, **Pineda R.** Infant and parent outcomes related to NICU-based co-occupational engagement. *OTJR: occupation, participation, and health*, 15394492231160690. Advance online publication. Doi: 10.1177/15394492231160690.
- 2022 **Pineda R**, Liszka L\*, Tran P\*, Kwon J\*, **Inder T.** Neurobehavior in very preterm infants with low medical risk and full-term infants. *Journal of Perinatology*, 42(10), 1400-1408. doi: 10.1038/s41372-022-01432-3.
- 2022 Kellner P, Kwon J\*, Smith J, **Pineda R.** Neurodevelopmental outcomes following preterm birth and the association with postmenstrual age at discharge. *American Journal of Perinatology*, Epub ahead of print. doi: 10.1055/a-1733-2690.
- 2022 Lisle J\*, Buma K\*, Smith J, Richter M\*, Satpute P\*, **Pineda R.** Maternal perceptions about sensory interventions in the neonatal intensive care unit: An exploratory qualitative study. *Frontiers in Pediatrics*, 10, 884329. doi: 10.3389/fped.2022.884329.
- 2022 Richter M\*, Fehringer K, Smith J, **Pineda R.** Parent-infant interaction in the NICU: Challenges in measurement. *Early Human Development*, 170, 105609. doi: 10.1016/j.earlhumdev.2022.105609.
- 2022 Richter M\*, Smith J, **Pineda R.** Health care professional perceptions about a proposed NICU intervention: The importance of community and aligning with everyday occupations. *OTJR: Occupation, Participation and Health*, 42(3), 238-247. doi: 10.1177/15394492221082051.
- 2021 **Pineda R**, Lisle J\*, Ferrara L, Knudsen K, Kumar R, **Fernandez-Fernandez A.** Neonatal therapy staffing in the United States and relationships to neonatal intensive care unit type and location, level of acuity, and population factors. *American Journal of Perinatology*, Epub ahead of print. doi: 10.1055/a-1678-0002.
- 2021 Heiny E\*, Wolf S\*, Collins M\*, Kellner P, **Pineda R.** Factors related to enrollment in early therapy services following neonatal intensive care unit discharge. *Acta Paediatrica*, 110(5), 1468-1474. doi: 10.1111/apa.15700.
- 2021 Meether M\*, Bush C, Richter M\*, **Pineda R.** Neurobehavior of very preterm infants at term equivalent age is related to early childhood outcomes. *Acta Paediatrica*, 110(4), 1181-1188. doi: 10.1111/apa.15595.
- 2021 **Pineda R**, Roussin J, Kwon J\*, Heiny E\*, Colditz G, **Smith J.** Applying the RE-AIM framework to evaluate the implementation of the Supporting and Enhancing NICU Sensory Experiences (SENSE) program. *BMC Pediatrics*, 21(1), 137. doi: 10.1038/s41372-021-01078-7.
- 2021 **Pineda R**, Smith J, Roussin J, Wallendorf M, Kellner P, **Colditz G.** Randomized clinical trial investigating the effect of consistent, developmentally-appropriate, and evidence-based multisensory exposures in the NICU. *Journal of Perinatology*, 41(10), 2449-2462. doi: 10.1038/s41372-021-01078-7.
- 2021 Whitehill L\*, Smith J, Colditz, G, Le T, Kellner P, **Pineda R.** Socio-demographic factors related to parent engagement in the NICU and the impact of the SENSE program. *Early Human Development*, 163, 105486. doi: 10.1016/j.earlhumdev.2021.105486.



- 2020 **Pineda R**, Heiny E\*, Roussin J, Nellis P, Bogan K, Smith J. Implementation of the Baby Bridge program reduces timing between NICU discharge and therapy activation. *Journal of Early Intervention*, 42(3), 275-296. doi: 10.1177/1053815119900241.
- 2020 **Pineda R**, Liszka L\*, Kwon J\*, Wallendorf M. Interrater reliability and concurrent validity of the Neonatal Eating Outcome Assessment. *American Journal of Occupational Therapy*, 74(2), 7402205050. doi: 10.5014/ajot.2020.039578.
- 2020 **Pineda R**, Muñoz R\*, Chrzastowski H\*, Dunsirn-Baillie S\*, Wallendorf M, Smith J. Maternal milk and relationships to early neurobehavioral outcome in preterm infants. *Journal of Perinatal and Neonatal Nursing*, 34(1), 72-79. doi: 10.1097/JPN.0000000000000460.
- 2020 **Pineda R**, Prince D\*, Grabill M\*, Reynolds J, Smith J. Preterm infant feeding performance at term equivalent age differs from that of full-term infants. *Journal of Perinatology*, 40(4), 646-654. doi: 10.1038/s41372-020-0616-2.
- 2020 Liszka L\*, Heiny E\*, Smith J, Schlaggar B, Mathur A, **Pineda R**. Auditory exposure of high-risk infants discharged from the NICU and the impact of social factors. *Acta Paediatrica*, 109(10), 2049-2056. doi: 10.1111/apa.15209.
- 2020 **Pineda R**, Wallendorf M, Smith J. A pilot study demonstrating the impact of the Supporting and Enhancing NICU Sensory Experiences (SENSE) program on the mother and infant. *Early Human Development*, 144, 105000. doi: 10.1016/j.earlhumdev.2020.105000.
- 2020 **Pineda R**, Heiny E\*, Nellis P, Smith J, McGrath J, Collins M\*, Barker A. The Baby Bridge Program: A sustainable program that can improve therapy service delivery for preterm infants following NICU discharge. *PLOS One*, 15(5), e0233411. doi: 10.1371/journal.pone.0233411.
- 2020 **Pineda R**, Liszka L\*, Inder T. Early neurobehavior at 30 weeks postmenstrual age is related to outcome at term equivalent age. *Early Human Development*, 146, 105057. doi: 10.1016/j.earlhumdev.2020.105057.
- 2020 Kwon J\*, Kellner P, Wallendorf M, Smith J, **Pineda R**. Neonatal feeding performance is related to feeding outcomes in childhood. *Early Human Development*, 151, 105202. doi: 10.1016/j.earlhumdev.2020.105202.
- 2019 **Pineda R**, Dewey K\*, Jacobsen A\*, Smith J. Non-nutritive sucking in the preterm infant. *American Journal of Perinatology*, 36(3), 268-276. doi: 10.1055/s-0038-1667289.
- 2019 **Pineda R**, Roussin J, Heiny E\*, Smith J. Health care professionals' perceptions about sensory-based interventions in the NICU. *American Journal of Perinatology*. 36(12), 1229-1236. doi: 10.1055/s-0038-1676536.
- 2019 Clubbs B, Barnette A, Gray N, Weiner L, Bond A, Harden J, **Pineda R**. A community hospital NICU developmental care partner program: Feasibility and association with decreased nurse burnout without increased infection rates. *Advances in Neonatal Care*, 19(4), 311-320. doi: 10.1097/ANC.0000000000000600.

- 2019 **Pineda R**, Raney M, Smith J. Supporting and Enhancing NICU Sensory Experiences (SENSE): Defining developmentally-appropriate sensory exposures for high-risk infants. *Early Human Development*, 133, 29-35. doi: 10.1016/j.earlhumdev.2019.04.012.
- 2019 **Pineda R**, Degaetano S\*, Kindra M\*, Hand T, Craig J, Fernandez-Fernandez A, Collette D. Neonatal therapy: A survey of current practice. *Journal of Pediatric Rehabilitation Medicine*. 12(3), 285-294. doi: 10.3233/PRM-180565.
- 2019 Liszka L\*, Smith J, Mathur A, Schlaggar B, Colditz G, **Pineda R**. Differences in early auditory exposure across neonatal environments. *Early Human Development*, 136, 27-32. doi: 10.1016/j.earlhumdev.2019.07.001.
- 2018 **Pineda R**, Harris R\*, Foci F\*, Roussin J, Wallendorf M. Neonatal Eating Outcome Assessment: Tool development and inter-rater reliability. *Acta Paediatrica*, 107(3), 414-424. doi: 10.1111/apa.14128.
- 2018 **Pineda R**, Luong A\*, Ryckman J\*, Smith J. Pacifier use in newborns: Related to socioeconomic status but not to early feeding performance. *Acta Paediatrica*, 107(5), 806-810. doi: 10.1111/apa.14253.
- 2018 **Pineda R**, Bender J\*, Hall B\*, Shabosky L\*, Annecca A\*, Smith J. Parent participation in the neonatal intensive care unit: Predictors and relationships to neurobehavior and developmental outcomes. *Early Human Development*, 117, 32-38. doi: 10.1016/j.earlhumdev.2017.12.008.
- 2018 Harris R\*, Gibbs D, Mangin-Heimos K, **Pineda R**. Maternal mental health during the neonatal period: Relationships to the occupation of parenting. *Early Human Development*, 120, 31-39. doi: 10.1016/j.earlhumdev.2018.03.009.
- 2017 **Pineda R**, Durant P\*, Mathur A, Inder T, Wallendorf M, Schlaggar B. Auditory exposure in the neonatal intensive care unit: Room type and other predictors. *Journal of Pediatrics*, 183, 56-66. doi: 10.1016/j.jpeds.2016.12.072.
- 2017 Ross K\*, Heiny E\*, Conner S, Spener P, **Pineda R**. Occupational therapy, physical therapy and speech-language pathology in the neonatal intensive care unit: Patterns of therapy usage in a level IV NICU. *Research in Developmental Disabilities*, 64, 108-117. doi: 10.1016/j.ridd.2017.03.009.
- 2017 Ryckman J\*, Hilton C, Rogers C, **Pineda R**. Sensory processing disorder in preterm infants during early childhood and relationships to early neurobehavior. *Early Human Development*, 113, 18-22. doi: 10.1016/j.earlhumdev.2017.07.012.
- 2017 Nwabara O\*, Rogers C, Inder T, **Pineda R**. Early therapy services following neonatal intensive care unit discharge. *Physical and Occupational Therapy in Pediatrics*, 37(4), 414-424. doi: 10.1080/01942638.2016.1247937.
- 2016 Dunsirn S\*, Smyser C, Liao S, Inder T, **Pineda R**. Defining the nature and implications of head turn preference in the preterm infant. *Early Human Development*, 96, 53-60. doi: 10.1016/j.earlhumdev.2016.02.002.
- 2016 **Pineda R**, Reynolds L\*, Seefeldt K\*, Hilton C, Rogers C, Inder T. Head lag in infancy: What is it telling us? *American Journal of Occupational Therapy*, 70(1), 1-8. doi: 10.5014/ajot.2016.017558.

- 2015 McPherson C, Neil J, Tjoeng H, **Pineda R**, Inder T. A pilot randomized trial of high-dose caffeine therapy in preterm infants. *Pediatric Research*, 78(2), 198-204. doi: 10.1038/pr.2015.72.
- 2015 **Pineda R**, Melchior K\*, Oberle S, Inder T, Rogers C. Assessment of autism symptoms during the neonatal period: Is there early evidence of autism risk? *American Journal of Occupational Therapy*, 69(4), 1-11. doi: 10.5014/ajot.2015.015925.
- 2015 McPherson C, Haslam M, **Pineda R**, Rogers C, Neil J, Inder T. Brain injury and development in preterm infants exposed to fentanyl. *Annals of Pharmacotherapy*, 49(12), 1291-1297. doi: 10.1177/1060028015606732.
- 2015 Crapnell T\*, Woodward L, Rogers C, Inder T, **Pineda R**. Neurodevelopmental profile, growth and psychosocial environment of preterm infants with difficult feeding behavior at age 2 years. *Journal of Pediatrics*, 167(6), 1347-1353. doi: 10.1016/j.jpeds.2015.09.022.
- 2014 Reynolds L\*, **Pineda R**, Mathur A, Vavasseur C, Shah D, Liao S, Inder T. Cerebral maturation on amplitude-integrated electroencephalography and perinatal exposures in preterm infants. *Acta Paediatrica*, 103(3), e96-e100. doi: 10.1111/apa.12485.
- 2014 **Pineda R**, Neil J, Dierker D, Smyser C, Wallendorf M, Kidokoro H, Reynolds L\*, Walker S\*, Rogers C, Mathur A, Van Essen D, Inder T. Alterations in brain structure and neurodevelopmental outcome in preterm infants hospitalized in different neonatal intensive care unit environments. *Journal of Pediatrics*, 164(1), 52-60. doi: 10.1016/j.jpeds.2013.08.047.
- 2014 Madlinger-Lewis L\*, Reynolds L\*, Zarem C\*, Crapnell T\*, Inder T, **Pineda R**. The effects of alternative positioning on preterm infants in the neonatal intensive care unit: A randomized clinical trial. *Research in Developmental Disabilities*, 35(2), 490-497. doi: 10.1016/j.ridd.2013.11.019.
- 2014 Reynolds L\*, Inder T, Neil J, **Pineda R**, Rogers C. Maternal obesity and increased risk for autism and developmental delay among very preterm infants. *Journal of Perinatology*, 34(9), 688-692. doi: 10.1038/jp.2014.80.
- 2013 **Pineda R**, Tjoeng TH, Vavasseur C, Kidokoro H, Neil J, Inder T. Patterns of altered neurobehavior in preterm infants within the neonatal intensive care unit. *Journal of Pediatrics*, 162(3), 470-476e1. doi: 10.1016/j.jpeds.2012.08.011.
- 2013 **Pineda R**, Castellano A\*, Rogers C, Neil J, Inder T. Factors associated with developmental concern and intent to access therapy following discharge from the NICU. *Pediatric Physical Therapy*, 25(1), 62-69. doi: 10.1097/PEP.0b013e31827a822c.
- 2013 Zarem C\*, Crapnell T\*, Tiltges L\*, Madlinger L\*, Reynolds L\*, Lukas K, **Pineda R**. Neonatal nurses' and therapists' perceptions of positioning for preterm infants in the neonatal intensive care unit. *Neonatal Network: The Journal of Neonatal Nursing*, 32(2), 110-116. doi: 10.1891/0730-0832.32.2.110.
- 2013 Reynolds L\*, Duncan M\*, Smith G, Mathur A, Neil J, Inder T, **Pineda R**. Parental presence and holding in the neonatal intensive care unit and associations with early neurobehavior. *Journal of Perinatology*, 33(8), 636-641. doi: 10.1038/jp.2013.4.

- 2013 Reynolds L\*, Crapnell T\*, Zarem C\*, Madlinger L\*, Tiltges L\*, Lukas K, **Pineda R**. Nursing perceptions of clinical research in the neonatal intensive care unit. *Newborn and Infant Nursing Reviews*, 13(2), 62-66. doi: 10.1053/j.nainr.2013.04.002.
- 2013 Zarem C\*, Kidokoro H, Neil J, Wallendorf M, Inder T, **Pineda, R**. Psychometrics of the Neonatal Oral Motor Assessment Scale. *Developmental Medicine and Child Neurology*, 55(12), 1115-1120. doi: 10.1111/dmcn.12202.
- 2013 Crapnell T\*, Rogers C, Neil J, Inder T, Woodward LJ, **Pineda R**. Factors associated with feeding difficulties in the very preterm infant. *Acta Paediatrica*, 102(12), e539-e545. doi: 10.1111/apa.12393.
- 2012 **Pineda R**, Stransky K\*, Rogers C, Duncan M\*, Smith G, Neil J, **Inder T**. The single-patient room in the NICU: Maternal and family effects. *Journal of Perinatology*, 32(7), 545-551. doi: 10.1038/jp.2011.144.
- 2011 **Pineda R**. Predictors of breastfeeding and breastmilk feeding among very low birth weight infants. *Breastfeeding Medicine*, 6(1), 15-19. doi: 10.1089/bfm.2010.0010.
- 2011 **Pineda R**. Direct breast-feeding in the neonatal intensive care unit: Is it important? *Journal of Perinatology*, 31(8), 540-545. doi: 10.1038/jp.2010.205.
- 2011 Smith G, Gutovich J, Smyser C, **Pineda R**, Newnham C, Tjoeng H, Vavasseur C, Wallendorf M, Neil J, **Inder T**. Neonatal intensive care unit stress is associated with brain development in preterm infants. *Annals of Neurology*, 70(4), 541-549. doi: 10.1002/ana.22545.
- 2009 **Pineda R**, Foss J, Richards L, **Pane C**. Breastfeeding changes for VLBW infants in the NICU following staff education. *Neonatal Network: The Journal of Neonatal Nursing*, 28(5), 311-319. doi: 10.1891/0730-0832.28.5.311

### **Peer-Reviewed Journal Articles – Systematic or Other Reviews**

- 2023 **Pineda R**, Kellner, P, Ibrahim C\*, SENSE II Advisory Team Working Group, **Smith J**. Supporting and enhancing NICU sensory experiences, 2<sup>nd</sup> edition: An update on developmentally-appropriate interventions for preterm infants. *Children*, 10(6), 961. Doi: 10.3390/children10060961.
- 2017 **Pineda R**, Guth R, Herring A, Reynolds L\*, Oberle S, **Smith J**. Enhancing sensory experiences for very preterm infants in the NICU: An integrative review. *Journal of Perinatology*, 37(4), 323-332. doi: 10.1038/jp.2016.179.

### **Editorial Material in Peer-Reviewed Journals**

- 2022 Spann MN, Wisnowski JL, HBCD Phase 1 Scanning Young Populations Working Group (**Pineda** as member author), Smyser DC, Howell B, Dean DC. [Commentary]. The art, science, and secrets of scanning young children. *Biological Psychiatry*. Epub ahead of print. doi:10.1016/j.biopsych.2022.09.025.
- 2016 **Pineda R**. [Commentary]. Feeding: An important, complex skill that impacts nutritional, social, motor and sensory experiences. *Acta Paediatrica*, 105(10), e458. doi: 10.1111/apa.13535.

2016 Smith J, **Pineda R**. [Editorial]. Determining appropriate sensory exposures in the NICU: Too much, too little, or just right? *Neonatal Network*, 35(2), 63-65. doi: 10.1891/0730-0832.35.2.63.

### **Manuscripts In-Press or Accepted for Publication**

#### **Manuscripts Submitted for Publication**

Erdei C, **Pineda R**, Cherkerzian S, Inder T. Serial neuroimaging of brain growth and development in very preterm infants receiving tailored neuromotivative interventions in the neonatal intensive care unit. Manuscript submitted to *BMC Pediatrics*.

**Pineda R**, Kellner P, Gruskin B\*, Smith J. Organizational barriers and facilitators to successful SENSE program implementation and sustainability. Manuscript submitted to *American Journal of Perinatology*.

Mulrenin B, **Pineda R**, Dodds C, Veloza C. Item-level psychometrics of the Neonatal Eating Outcome Assessment in orally feeding preterm and full-term infants. Manuscript submitted to *American Journal of Occupational Therapy*.

**Pineda R**, Mathur A, El Ters N, Vesoulis Z. Early aEEG measures of cerebral maturation: Relationships to neurodevelopmental outcome. Manuscript submitted to *Pediatric Research*.

#### **Manuscripts in Preparation**

**Pineda R**, Liszka L\*, Smyser C, Rogers C, Inder T. Early neurobehavior in preterm infants at term equivalent age is related to neurodevelopmental outcomes.

**Pineda R**, Woodward L, Vesoulis Z, Mathur A, Smyser C, Inder T, Schlaggar B. Language and sound exposure across neonatal intensive care room type and relationships with early outcome.

#### **Books, Chapters, and Practice Guidelines**

2022 **Pineda R**, Smith J. The NICU sensory environment. In C. Kenner & J. McGrath (Eds.), *National Association of Neonatal Nurses Developmental Care of Newborns and Infants: A Guide for Health Professionals* (pp. 196-212). Philadelphia, PA: Wolters Kluwer.

2019 Smith J, Raney M, **Pineda R**. Developmental care. In L. Jain & G. Suresh (Eds.), *Clinical Guidelines in Neonatology* (pp. 577-583). New York: McGraw-Hill.

#### **Books, Chapters, and Practice Guidelines In-Press or Accepted for Publication**

**Pineda R**, McCarty D, Inder T. Neurological and neurobehavioral evaluation. In J. Perlman & M. Cilio (Eds.), *Neurology: Neonatology Questions and Controversies*. Philadelphia, PA: Elsevier.

#### **MAJOR PUBLIC PRESENTATIONS:**

*Asterisk indicates direct student mentee.*

#### **Invited, International**

- 2023 **Pineda R.** *Building Bridges: Using Implementation Science to Guide Investigation of Programming Aimed at Improving Access to Early Therapy Services Following NICU Discharge.* Intervention & Implementation Research, Hybrid Researchers Meeting, Occupational Therapy Department, University of Haifa, Israel.
- 2023 Erdei, C, **Pineda R.**, Inder T. *Serial Neuroimaging and Term equivalent Age Neurodevelopmental Outcomes of Very Preterm Infants Receiving Tailored Neuropromotive Support in the NICU.* Canadian National Perinatal Research Meeting, Montebello, Quebec.
- 2021 **Pineda R.** [Keynote Address] *Specialized neonatal therapy services in the NICU.* Hamad Medical Corporation, Qatar.
- 2021 **Pineda R.** *Long term outcomes of high-risk babies.* Perinatal Society of Australia and New Zealand, Sydney, Australia (postponed from 2020 due to COVID-19).
- 2021 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE) workshop.* Mater Children's Hospital, Brisbane, Australia (postponed from 2020 due to COVID-19).
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Mumbai, India.
- 2019 **Pineda R.** *Early feeding assessment and interventions in the NICU setting.* Government Hospital, New Delhi, India.
- 2019 **Pineda R.** [Keynote Address] *Sensory-based experiences to optimize outcomes in high-risk neonates.* First Annual Occupational Therapy Congress, Monterrey, Mexico.
- 2019 **Pineda R.** [Keynote Address] *Early neonatal feeding assessment using the Neonatal Eating Outcome Assessment.* First Annual Occupational Therapy Congress, Monterrey, Mexico.
- 2018 **Pineda R.** *Assessment and intervention with the high-risk infant in the NICU and at home.* Hammersmith Hospital, London United Kingdom.
- 2018 **Pineda R.** [Keynote Address] *Every experience matters.* Association of Paediatric Chartered Physiotherapists Joint Annual Study Day for Professionals in Neonatal Care: The Sensory World of the Infant, London, United Kingdom.
- 2018 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE).* Association of Paediatric Chartered Physiotherapists Joint Annual Study Day for Professionals in Neonatal Care: The Sensory World of the Infant, London, United Kingdom.

#### Invited, National

- 2023 **Pineda, R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE).* Annual Gravens Conference, Clearwater Beach, Florida.
- 2023 **Pineda, R.** & Spittle, A. *The Role of Allied Health in Improving Newborn Brain Care.* International Newborn Brain Society Conference, Clearwater, Florida, USA.
- 2023 **Pineda, R.** *The Environment Matters: Why and How to Modify?* International Newborn Brain Society Conference, Clearwater, Florida, USA.

- 2022 **Pineda R.** *Using the SENSE program to guide developmental care in high-risk infants.* ASHA Annual Conference, New Orleans, LA.
- 2022 **Pineda R.** *Neurobehavioral assessment, interventions, and outcomes for the NICU population.* Advances in NICU Feeding Management. Boston, MA.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program.* Harvard University, Brigham and Women's Hospital Grand Rounds, Boston, MA.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program.* Cleveland Clinic Grand Rounds, Cleveland, OH.
- 2019 **Pineda R.** [Plenary Address] *Early experiences in the NICU and relationships to neurodevelopmental outcomes.* Nationwide Perinatal Conference, Columbus, OH.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* St. Mary's Hospital for Children, Valhalla, NY.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Children's Healthcare of Atlanta, Atlanta, GA.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* St. Elizabeth Hospital, Erlanger, KY.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* USC Verdugo Hills Hospital, Glendale, CA.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Memorial Hospital, Tucson, AZ.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* North Memorial Hospital, Minneapolis MN.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Georgetown Hospital, Washington, D.C.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* St. Mary's Children's Hospital, Bayside, NY.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Memorial Hospital, Fort Lauderdale, FL.
- 2018 **Pineda R.** *The development of a structured sensory-based guideline: Supporting and Enhancing NICU Sensory Experiences (SENSE).* Dandle Lion Medical, national webinar.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Baylor Scott and White Hospital, Temple TX.
- 2018 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Novant Hospital, Matthews, NC.

- 2017 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Danbury Hospital, Danbury, CT.
- 2017 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Providence Health Systems, Portland, OR.
- 2017 **Pineda R.** [Keynote Address] *Neurobehavioral and feeding assessment for the high risk infant.* Oklahoma Association of Neonatal and Pediatric Therapists, Oklahoma City, OK.
- 2016 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Texas Children's Hospital, Houston, TX.
- 2016 **Pineda R.** *Neonatal Therapy Certification: An update.* National Association of Neonatal Therapists Annual Conference, Orlando, FL.
- 2016 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Tufts Children's Hospital, Boston, MA.
- 2016 **Pineda R.** *Enhancing sensory experiences for preterm infants in the NICU.* Innara Health, national webinar.
- 2016 **Pineda R.** *Neonatal neurobehavioral assessment.* Dandle Lion Medical, national webinar.
- 2016 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge.* Summerlin Hospital Medical Center, Las Vegas, NV.
- 2015 **Pineda R, Smith J.** *An enhanced sensory environment In the NICU: An integrative review,* National Association of Neonatal Therapists, webinar.
- 2015 **Pineda R.** *The NICU environment and the developing brain.* University of Utah, Salt Lake City, UT.
- 2015 **Pineda R.** *Occupational therapy in the NICU.* University of Utah, Salt Lake City, UT.
- 2014 **Pineda R.** *Development of the high-risk infant in the NICU.* Neonatal Touch and Massage Certification, webinar.
- 2013 **Pineda R.** *The NICU environment: Implications for neurodevelopmental care.* National Association of Neonatal Therapists Annual Conference, Dallas, TX.
- 2013 **Pineda R.** *The NICU environment: Implications for neurodevelopmental care.* Graven's Conference on the Physical and Developmental Environment of the High Risk Infant Conference, Sand Key, FL.
- 2012 **Pineda R.** *Brain development of the high-risk infant and the role of the environment.* Neonatal Touch and Massage Certification, webinar.
- 2012 **Pineda R.** *Factors associated with developmental concern and intent to access therapy following NICU discharge.* National Association of Neonatal Therapists, webinar.
- 2005 **Pineda R.** *Transtheoretical model: A novel approach to implementing change in the NICU.* March of Dimes, webinar.



Invited, State/Regional/Local

- 2023 **Pineda R.** [Keynote Address] *The importance of research and scholarship in Occupational Therapy*. Pi Theta Epsilon New Member Induction Ceremony, Los Angeles, CA.
- 2022 **Pineda R.** *Environmental influence on the preterm brain – It makes SENSE*. CHOC 20<sup>th</sup> Annual Academic Day for Neonatologists. Irvine, CA.
- 2022 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) Program*. NICUs Enabling Optimal Brain Health (NEOBrain) Initiative, California Perinatal Quality Care Collaborative, San Jose, CA.
- 2022 **Pineda R.** *Optimizing the NICU environment to optimize brain health*. NICUs Enabling Optimal Brain Health (NEOBrain) Initiative, California Perinatal Quality Care Collaborative, Long Beach, CA.
- 2022 **Pineda R.** [Keynote Address] *Optimizing the NICU environment to improve outcomes of preterm infants and their families*. Herman Ostrow School of Dentistry of USC 2022 Annual Day of Research, Los Angeles, CA.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program and Defining age-appropriate neonatal feeding skills and alterations in feeding performance using the Neonatal Eating Outcome Assessment*. Neonatal Care at its Best Educational Lecture Series, Tarzana, CA.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program*. Children's Hospital Los Angeles, Los Angeles, CA.
- 2021 **Pineda R.** *Optimizing the NICU sensory environment*. USC Keck School of Medicine Pediatric Grand Rounds, Los Angeles, CA.
- 2020 **Pineda R.** *Overcoming the trauma of being in the NICU through strategies to maximize parent engagement*. 7<sup>th</sup> Annual Updates in Developmental and Behavioral Pediatrics, Los Angeles, CA (virtual due to COVID-19).
- 2019 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE)*. Occupational Therapy Grand Rounds, St. Louis, MO.
- 2019 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE) to optimize early brain development*. Patricia Buehler Award Lecture, Los Angeles, CA.
- 2019 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge*. Mercy Children's Hospital, Kansas City, MO.
- 2017 **Pineda R.** *Assessment and intervention for the high-risk infant in the NICU and after discharge*. Mercy Hospital, St. Louis, MO.
- 2014 **Pineda R.** *The environment and the developing brain*. Women and Infants Conference, Goldfarb School of Nursing, St. Louis, MO.
- 2011 Brown N, **Pineda R.** *Neurobehavioral assessment of the high-risk infant*. Newborn Brain Symposium, St. Louis, MO.

- 2005 **Pineda R.** *Breastfeeding in the NICU.* University of Florida Hospital, Gainesville, FL.
- 2005 **Pineda R.** *Transtheoretical Model: A novel approach to implementing change in the NICU.* University of Florida, Gainesville, FL.

#### Refereed, International

- 2022 **Pineda R, Richter M<sup>\*</sup>.** *Implementation of a novel OT sensory-based intervention program in NICUs across the world.* World Federation of Occupational Therapists International Congress, Paris, France.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program,* Australia OT Society Forum, Melbourne, Australia (virtual due to COVID-19).
- 2021 **Pineda R.** *SENSE: A sensory-based NICU intervention program.* Perinatal Society of Australia and New Zealand Annual Congress (virtual due to COVID-19).
- 2019 **Pineda R.** [Pre-Conference Workshop]. *Neurobehavioral assessment in high risk infants.* Annual International Occupational Therapy Congress, Monterrey, Mexico.
- 2010 Smith G, **Pineda R,** Tjoeng T.H., Vavasseur C, Gutovich J, Neil J, Inder T. *The effects of stress in the NICU on the preterm brain.* Pediatric Academic Societies Annual Meeting, Vancouver, British Columbia.
- 1999 **Pineda R.** *Therapeutic interventions in the United States.* Fundabiem, Guatemala City, Guatemala.

#### Refereed, National

- 2023 **Pineda R,** Rusch A, Liszka L. *Training the next generation of neonatal therapists.* American Occupational Therapy Association, Kansas City, KS.
- 2023 **Pineda R,** Rogers E. *Strategies to foster change in NICU culture and improve the environment for babies and families.* National Association of Neonatal Therapists Annual Conference, Tucson, AZ.
- 2023 **Pineda R,** Ibrahim C. *Oral motor and feeding interventions for the preterm infant: What does the literature say?* National Association of Neonatal Therapists Annual Conference, Tucson, AZ.
- 2022 **Pineda R.** *Optimizing the early sensory environment: An update on the evidence.* National Association of Neonatal Therapists Annual Conference, Cincinnati, OH.
- 2022 **Pineda R,** Liszka L<sup>\*</sup>. *Raising the next generation of neonatal therapists.* National Association of Neonatal Therapists Annual Conference, Cincinnati, OH.
- 2022 **Pineda R.** *Optimizing the NICU environment by engaging families in providing age-appropriate sensory exposures.* Graven's Conference on the Environment of Care for High Risk Newborns, Clearwater Beach, FL.

- 2022 **Pineda R.** [Workshop] *Supporting and Enhancing NICU Sensory Experiences (SENSE)*. Graven's Conference on the Environment of Care for High Risk Newborns, Clearwater Beach, FL.
- 2021 **Pineda R.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program*. Banner Health, Tucson, AZ (virtual due to COVID-19).
- 2021 **Pineda R, Schneider, S.** *Increasing visibility and highlighting the value of a small certification program*. Institute for Credentialing Excellence (ICE) EXG 2021, Nashville, TN.
- 2021 **Pineda R, Knudsen, K.** *Optimizing the NICU environment through the Supporting and Enhancing NICU Sensory Experiences (SENSE) program*. Early Cerebral Palsy e-health Summit (virtual due to COVID-19).
- 2021 **Pineda R.** *Neonatal feeding assessment and nutritional interventions*. Feeding Matters Conference (virtual due to COVID-19).
- 2021 **Pineda R.** [Short Course] *The early sensory environment*. Synapse Care Solutions (virtual due to COVID-19).
- 2021 **Pineda R, Liszka L\*.** *The body of neonatal therapists in the United States*. National Association of Neonatal Therapists Annual Conference (virtual due to COVID-19).
- 2021 **Pineda R, Liszka L\*.** *What's everyone talking about?* National Association of Neonatal Therapists Annual Conference (virtual due to COVID-19).
- 2020 **Pineda R, Grabill M\*.** *Using the Neonatal Eating Outcome Assessment to inform NICU practice*. National Association of Neonatal Therapists Annual Conference, Cincinnati OH (virtual due to COVID-19).
- 2020 **Kwon J\*, Pineda R.** *The Neonatal Eating Outcome Assessment for identifying early feeding performance*. American Occupational Therapy Association Annual Conference, Boston MA (conference cancelled due to COVID-19).
- 2019 **Pineda R.** *Rolling applications or deadlines? Lessons learned by the Neonatal Therapy National Certification Board*. Institute for Credentialing Excellence Annual Conference, San Diego, CA.
- 2019 **Pineda R.** *Tool development, inter-rater reliability and validity of a new neonatal feeding assessment*. Occupational Therapy Summit of Scholars, Charleston, SC.
- 2019 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE) to optimize outcomes*. Nationwide Perinatal Conference, Columbus, OH.
- 2019 **Pineda R.** *The role of the neonatal therapist*. Pi Theta at MGH Institute for Health Professions, webinar.
- 2019 **Pineda R, Smith J.** [Short Course] *The development of a structured sensory-based guideline: Supporting and Enhancing NICU Sensory Experiences (SENSE)*. American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2019 **Pineda R.** [Scientific Research Panel] *The Neonatal Eating Outcome Assessment: A new developmental feeding assessment for preterm infants in the NICU*. American Occupational Therapy Association Annual Conference, New Orleans, LA.

- 2019 Rolling M\*, Prince D\*, Harris R\*, **Pineda R.** [Short Course] *The role of OT in maternal health: Mental and physical health during pregnancy and postpartum.* American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2019 **Pineda R,** Smith J, Connell K. [Pre-Conference Workshop] *The Supporting and Enhancing NICU Sensory Experiences (SENSE) program: Implementation strategies and emerging research.* National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2019 **Pineda R,** Poskey G. *Neonatal therapy science: The year in review.* National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2019 **Pineda R.** [Workshop] *Supporting and Enhancing NICU Sensory Experiences (SENSE).* Graven's Conference on the Physical and Developmental Environment of the High Risk Infant Conference, Sand Key, FL.
- 2019 **Pineda R.** *NICU Network Neurobehavioral Scale certification course.* St. Louis, MO and Indianapolis, IN.
- 2018 **Pineda R.** *Supporting and Enhancing NICU Sensory Experiences (SENSE) program.* Occupational Therapy Summit of Scholars, Kansas City, MO.
- 2018 Poskey G, **Pineda R.** *Neonatal therapy science: The year in review.* National Association of Neonatal Therapists Annual Conference, Charlotte, NC.
- 2018 **Pineda R,** Smith J. *The development of a structured sensory-based guideline: Supporting and Enhancing NICU Sensory Experiences (SENSE).* National Association of Neonatal Therapists Annual Conference, Charlotte, NC.
- 2018 **Pineda R,** Knudsen K. *Neonatal therapy certification: Overview and characteristics of the first cohort.* Graven's Conference for the Physical and Developmental Environment of the High Risk Infant, Clearwater Beach, FL.
- 2018 **Pineda R,** Smith J. *The development of a structured sensory-based guideline: Supporting and Enhancing NICU Sensory Experiences (SENSE).* Graven's Conference for the Physical and Developmental Environment of the High Risk Infant, Clearwater Beach, FL.
- 2018 **Pineda R.** *The Neonatal Eating Outcome (NEO) Assessment: A new developmental feeding assessment for preterm infants in the NICU.* Graven's Conference for the Physical and Developmental Environment of the High Risk Infant, Clearwater Beach, FL.
- 2017 **Pineda R,** Poskey G. *Neonatal therapy science: The year in review.* National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2017 Harris R\*, Ryckman J\*, **Pineda R.** *Maternal mental health during NICU hospitalization: Relationships to parental role, confidence and engagement in the NICU.* National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2017 **Pineda R,** Ross K\*. *The Neonatal Eating Outcome (NEO) Assessment: A new developmental feeding assessment for preterm infants in the NICU.* National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2017 Cernich A, Brininger T. [Scientific Research Panel] *National Center for Medical Rehabilitation: NIH research agenda and updates from USAMRMC.* American Occupational Therapy Conference, Philadelphia, PA.

- 2016 **Pineda R**, Poskey G. *Neonatal therapy science: The year in review*. National Association of Neonatal Therapists Annual Conference, Orlando, FL.
- 2016 Ross K\*, **Pineda R**. *Neonatal therapy: A clinical study of occupational therapy, physical therapy and speech language pathology usage in the NICU*. National Association of Neonatal Therapists Annual Conference, Orlando, FL.
- 2016 **Pineda R**, Smith J. *Systematic review of multi-modal environmental enrichment interventions in the NICU: Current evidence and current practice*. Graven's Conference for the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2015 Oberle S, Melchior K\*, Rogers C, Inder T, **Pineda R**. *Early neurobehavior: Is there early evidence of autism?* American Occupational Therapy Annual Conference, Nashville, TN.
- 2015 **Pineda R**, Oberle S, Chrzastowski H\*, Dunsirn S\*. [Workshop] *Neonatal neurobehavioral assessment*. American Occupational Therapy Annual Conference, Nashville, TN.
- 2015 **Pineda R**, Smith J. *Systematic review of sensory based interventions in the NICU*. National Association of Neonatal Therapists Annual Conference, Phoenix, AZ.
- 2014 **Pineda R**, Dunsirn S\*. *Adverse feeding outcomes in preterm infants*. National Association of Neonatal Therapists Annual Conference, Atlanta, GA.
- 2014 **Pineda R**, Poskey G. *Bridging the gap between clinical practice and research*. National Association of Neonatal Therapists Annual Conference, Atlanta, GA.
- 2013 **Pineda R**, Neil J, Dierker D, Smyser C, Kidokora H, Reynolds L\*, Walker S\*, Rogers C, Mathur A, Van Essen D, Inder T. *The impact of different neonatal intensive care environments on brain development and function in preterm infants*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2013 Rogers C, **Pineda R**, Inder T. *Parenting stress, maternal depression, and social-emotional development in very preterm children*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2013 Reynolds L\*, Inder T, Neil J, **Pineda R**, Rogers C. *Maternal obesity and increased risk for autism and developmental delay among very preterm infants*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2013 **Pineda R**. *Research and publications in neonatal therapy*. National Association of Neonatal Therapists Annual Conference, Dallas, TX.
- 2013 **Pineda R**. [Pre-Conference Institute] *The new NICU therapist: Foundations for growth*. National Association of Neonatal Therapists Annual Conference, Dallas, TX.
- 2013 **Pineda R**, Zarem C\*. *Psychometrics of the Neonatal Oral Motor Assessment Scale*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2013 Crapnell T\*, **Pineda R**. *Neurobehavioral assessment of the preterm infant: Associations with brain structure and outcome*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.

- 2013 Crapnell T\*, **Pineda R.** *aEEG in the preterm infant: Associations with medical and environmental factors.* Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2013 **Pineda R,** Madlinger L\*. *Randomized clinical trial investigating the effects of different neonatal positioning in the NICU.* Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2012 **Pineda R,** Madlinger L\*. *The neurobehavioral assessment.* National Association of Neonatal Therapists Annual Conference, Fort Worth, TX.
- 2012 Connor S, Madlinger L\*, **Pineda R.** *Positioning of the preterm infant: What does the evidence say?* National Association of Neonatal Therapists Annual Conference, Fort Worth, TX.
- 2012 **Pineda R,** Castellano A\*, Rogers C, Neil J, Inder T. *Factors associated with caregiver concern and intent to access therapy after NICU discharge.* Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2007 **Pineda R.** *Investigation of change in breastfeeding practices in the NICU before and after an intervention.* Conference on the Physical and Developmental Environment of the High Risk Neonate, Clearwater, FL.
- 1997 **Pineda R,** Rotberg K. *Pediatric occupational therapy in Russia: Report of a six week volunteer experience.* Great Southern Occupational Therapy Conference, Augusta, GA.
- 1997 **Pineda R.** *Reliability of goniometry vs. visual estimation.* American Occupational Therapy Conference, Orlando, FL.

#### Refereed, State/Regional/Local

- 2022 **Pineda R,** Liszka L, Rusch A, Townsend S. *Preparing the next generation of neonatal occupational therapy practitioners.* Occupational Therapy Association of California (OTAC) Annual Conference, Santa Clara, CA.
- 2022 **Pineda R.** *Transition to oral feeding.* California Association of Neonatologists Annual Topics in Neonatology Conference, Coronado, CA.
- 2021 Richter M\*, Kellner P, **Pineda R.** *How the COVID-19 pandemic has shaped early NICU experiences.* USC Chan Occupational Science Symposium, Los Angeles, CA (virtual due to COVID-19).
- 2021 **Pineda R.** *Optimizing the NICU environment for the extremely low birth weight infant.* California Association of Neonatologists Annual Topics in Neonatology Conference (virtual due to COVID-19).
- 2019 **Pineda R.** *NICU Network Neurobehavioral Scale certification course.* St. Louis, MO.
- 2019 Corder M\*, **Pineda R.** [Short Course] *The NICU environment: Providing appropriate modifications to support infant development.* Missouri Occupational Therapy Association Annual Conference, Kansas City, MO.
- 2014 **Pineda R.** [Workshop] *Neonatal neurobehavioral assessment.* Division of Early Childhood Conference, St. Louis, MO.

- 2012 Zarem C\*, Dunsirn S\*, **Pineda R.** *Psychometrics of the Neonatal Oral Motor Assessment Scale.* Missouri Occupational Therapy Association Annual Conference, Ozark, MO.
- 2012 Reynolds L\*, Dunsirn S\*, **Pineda R.** *aEEG in the NICU and associations with environmental and medical factors.* Missouri Occupational Therapy Association Conference, Ozark, MO.
- 2012 Crapnell T\*, **Pineda R.** *Feeding assessment in infancy and early childhood.* Missouri Occupational Therapy Association Annual Conference, Ozark, MO.
- 2012 Tiltges L\*, **Pineda R.** *Neonatal reflex testing.* Missouri Occupational Therapy Association Annual Conference, Ozark, MO.
- 2011 **Pineda R.**, Madlinger L\*, Zarem C\*, Strnad L\*. *Neurobehavioral assessment of the preterm infant.* Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 Hensley M\*, Smith G, Mathur A, Neil J, Inder T, **Pineda R.** *The effect of parental presence and holding on neurobehavior in the preterm infant.* Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2000 **Pineda R.** [Workshop] *Infant feeding from premature babies through one year of age.* North Carolina Occupational Therapy Association Annual Conference, Greensboro, NC.
- 2000 Champion L, **Pineda R.** *Pediatric acute care.* North Carolina Occupational Therapy Annual Conference, Greensboro, NC.

#### Posters

- 2023 Richter M\*, Kellner P, **Pineda R.** *Benefits of sensory interventions provided by parents or by others in the NICU.* National Association of Neonatal Therapists Conference, Tucson, AZ.
- 2023 Gruskin B\*, Smith D\*, Richter M, **Pineda R.** *Providers' perspectives of transition early therapy services after NICU discharge to telehealth model.* National Association of Neonatal Therapists 13<sup>th</sup> Annual Conference, Tuscon, AZ
- 2022 **Pineda R.**, Liszka L\*. *Differences in neurobehavior between low-risk preterm infants at term and full-term infants.* National Association of Neonatal Therapists Annual Conference, Cincinnati, OH.
- 2022 **Pineda R.**, Richter M\*. *Measures of parent-infant interaction in the NICU: Are they measuring what we think they are measuring?* National Association of Neonatal Therapists Annual Conference, Cincinnati, OH.
- 2022 **Pineda R.**, Richter M\*. *Acceptability of volunteers in the NICU.* National Association of Neonatal Therapists Annual Conference, Cincinnati, OH.
- 2021 Richter M\*, Duker L, Kwon J\*, **Pineda R.** *Feasibility of psychophysiological measure of parental stress in the NICU.* Herman Ostrow School of Dentistry Annual Research Day.
- 2021 Kwon J\*, Kellner P\*, **Pineda R.** *Neurodevelopmental outcomes following preterm birth: Does PMA at NICU discharge matter?* National Association of Neonatal Therapists Annual Conference (virtual due to COVID-19).

- 2021 Duker L, Kwon J\*, Smith J, **Pineda R**. *Acceptability and feasibility of wearable sensors in the NICU: Psychophysiological measures of parental stress*. National Association of Neonatal Therapists Annual Conference (virtual due to COVID-19).
- 2019 Parga-Belinkie J, Elci O, **Pineda R**, Hoffman C, Van Wagner A, Versaw-Barnes D, Velis J, Nawab U. *Developmental aids for premature infants (DAPI Study)*. Pediatric Academic Societies Annual Meeting, Baltimore, MD.
- 2019 Kwon J\*, Tran P\*, Liszka L\*, Annecca A\*, **Pineda R**. *Pacifier use in newborns: Related to socioeconomic status but not early feeding performance*. American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2019 Grabill M\*, Buma K\*, **Pineda R**. *Early feeding behaviors in preterm infants and their relationships to neurobehavior*. American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2019 Liszka L\*, Crabtree M\*, **Pineda R**. *Differences in early auditory exposure across neonatal environments*. American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2019 Collins M\*, Tenbarger S\*, **Pineda R**. *Bridging the gap in therapy activation after discharge from the neonatal intensive care unit (NICU)*. American Occupational Therapy Association Annual Conference, New Orleans, LA.
- 2018 Siemon J, Knudsen K, **Pineda R**. *Neonatal therapy certification: Overview and characteristics of the first cohort*. American Occupational Therapy Annual Conference, Salt Lake City, UT.
- 2018 Wolf S\*, Rolling M, **Pineda R**, Heiny E\*. *Occupational therapy for at-risk infants*. American Occupational Therapy Annual Conference, Salt Lake City, UT.
- 2018 Annecca A\*, Liszka L\*, **Pineda R**, Luong A\*, Ryckman J\*, Smith JR. *Pacifier use in newborns: Related to socioeconomic status but not to early feeding performance*. National Association of Neonatal Therapists Annual Conference, Charlotte, NC.
- 2015 Dunsirn S\*, Smyser C, Liao S, **Pineda R**. *Head turn preference in the preterm infant and relationships to outcome*. American Occupational Therapy Conference, Nashville, TN.
- 2015 Nwabara O\*, Rogers C, Inder T, **Pineda R**. *Early therapy services following NICU discharge*. American Occupational Therapy Annual Conference, Nashville, TN.
- 2014 Dunsirn S\*, **Pineda R**. *Head turn preference: Associations with neurodevelopmental outcomes and injury*. National Association of Neonatal Therapists Annual Conference, Atlanta, GA.
- 2014 **Pineda R**, Bender J\*. *Parent presence and holding in the NICU and relationships to outcome*. National Association of Neonatal Therapists Annual Conference, Atlanta, GA.
- 2014 Dunsirn S\*, Smyser C, Liao S, Inder T, **Pineda R**. *Head turn preference: Associations with neurodevelopmental outcomes and injury*. Pediatric Academic Societies Annual Meeting, Vancouver, British Columbia.



- 2013 **Pineda R**, Neil J, Dierker D, Smyser C, Kidokora H, Reynolds L\*, Walker S\*, Rogers C, Mathur A, Van Essen D, Inder T. *The impact of different neonatal intensive care environments on brain development and function in preterm infants*. Occupational Therapy Summit of Scholars, Chicago, IL.
- 2013 Crapnell T\*, Rogers C, Neil J, Inder T, **Pineda R**. *Early factors associated with adverse feeding outcome in the preterm infant*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2013 Tiltges L\*, Neil J, Inder T, **Pineda R**. *The predictive power of neonatal reflexes: Associations with brain injury and outcome*. Pediatric Academic Societies Meeting, Washington, D.C.
- 2013 Dunsirn S\*, Mara M\*, Crapnell T\*, Tiltges L\*, Inder T, **Pineda R**. *More silence in the NICU private room*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2013 Ledbetter K, **Pineda R**, Mathur A. *Therapeutic hypothermia alters the ability of the Dubowitz Neurological Examination to predict MRI injury in neonatal hypoxic-ischemic encephalopathy*. Pediatric Academic Societies Annual Meeting, Washington, D.C.
- 2012 **Pineda R**, Castellano A\*, Rogers C, Neil J, Inder T. *Factors associated with developmental concern and intent to access therapy following NICU discharge*. National Association of Neonatal Therapists Annual Conference, Fort Worth, TX.
- 2012 **Pineda R**, Walker S\*, Stransky K\*, Neil J, Inder T. *The single patient room in the NICU: Helpful or harmful?* National Association of Neonatal Therapists Annual Conference, Fort Worth, TX.
- 2012 Madlinger L\*, Inder T, **Pineda R**. *The effect of neonatal positioning on early neurobehavior: A randomized clinical trial*. Pediatric Academic Societies Annual Meeting, Boston, MA.
- 2012 Zarem C\*, Kidokora H, Neil J, Inder T, **Pineda R**. *The psychometrics of the Neonatal Oral Motor Assessment Scale*. Pediatric Academic Societies Annual Meeting, Boston, MA.
- 2012 Strnad L\*, Mathur A, Neil J, Inder T, **Pineda R**. *aEEG in the NICU and associations with medical and environmental factors*. Pediatric Academic Societies Meeting, Boston, MA.
- 2012 **Pineda R**, Kidokora H, Neil J, Inder T. *Neurobehavior in the NICU and associations with concurrent imaging and functional outcome*. Pediatric Academic Societies Annual Meeting, Boston, MA.
- 2012 Hensley M\*, Smith G, Mathur A, Neil J, Inder T, **Pineda R**. *The effect of parental presence and holding on neurobehavior in the preterm infant*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2012 Felber A\*, Haslam M, Neil J, Inder T, **Pineda R**. *Associations between early sedative use in the premature infant and neurodevelopmental outcome*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2012 **Pineda R**, Walker S\*, Stransky K\*, Hensley M\*, Smith G, Neil J, Inder T. *The effects of single patient room type in the NICU*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.

- 2012 **Pineda R**, Tjoeng T, Vavasseur C, Shah D, Kidokoro H, Neil J, Inder T. *Patterns of altered neurobehavior in preterm infants within the NICU*. Graven's Conference on the Physical and Developmental Environment of the High Risk Infant, Sand Key, FL.
- 2011 Felber A\*, Haslam M, Neil J, Inder T, **Pineda R**. *Associations between early sedative use in the premature infant and neurodevelopmental outcome*. Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 Walker S\*, Stransky K\*, Hensley M\*, Smith G, Neil J, Inder T, **Pineda R**. *The effects of single patient room type in the NICU*. Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 **Pineda R**, Castellano A\*, Rogers C, Neil J, Inder T. *Factors associated with caregiver concern and intent to access therapy after NICU discharge*. Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 **Pineda R**, Tjoeng T, Vavasseur C, Shah D, Kidokoro H, Neil J, Inder T. *Patterns of altered neurobehavior in preterm infants within the NICU*. Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 **Pineda R**, Vavasseur C, Tjoeng T, Neil J, Inder T. *Associations between perinatal exposures and neurobehavior prior to and at term equivalent*. Missouri Occupational Therapy Association Annual Conference, St. Louis, MO.
- 2011 Hensley M\*, Smith G, Mathur A, Neil J, Inder T, **Pineda R**. *The effect of parental presence and holding on neurobehavior in the preterm infant*. Pediatric Academic Societies Annual Meeting, Denver, CO.
- 2011 Walker S\*, Stransky K\*, Hensley M\*, Smith G, Neil J, Inder T, **Pineda R**. *The effects of single patient room type in the NICU*. Pediatric Academic Societies Annual Meeting, Denver, CO.
- 2011 Felber A\*, Haslam M, Neil J, Inder T, **Pineda R**. *Associations between early sedative use in the premature infant and neurodevelopmental outcome*. Pediatric Academic Societies Annual Meeting, Denver, CO.
- 2011 **Pineda R**, Castellano A\*, Rogers C, Neil J, Inder T. *Factors associated with caregiver concern and intent to access therapy after NICU discharge*. Pediatric Academic Societies Annual Meeting, Denver, CO.
- 2011 **Pineda R**, Tjoeng T, Vavasseur C, Shah D, Kidokoro H, Neil J, Inder T. *Patterns of altered neurobehavior in preterm infants within the NICU*. Pediatric Academic Societies Annual Meeting, Denver, CO.
- 2010 **Pineda R**, Vavasseur C, Tjoeng T.H., Neil J, Inder T. *Associations between perinatal exposures and neurobehavior prior to and at term equivalent*. Pediatric Academic Societies Annual Meeting, Vancouver, British Columbia.
- 2009 **Pineda R**, Bednarek N, Shah D, Neil J, Inder T. *Serial neurobehavioral evaluations in the preterm infant: Relationship to cerebral injury*. Pediatric Academic Societies Annual Meeting, Baltimore, MD.

- 2005      **Pineda R**, Foss J, Pane C, McNamara E, Angly J. *Transtheoretical Model: A novel approach to implementing change in the NICU*. Physical and Developmental Environment of the High Risk Neonate Conference, Clearwater, FL.

#### MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- 2020-2022      **Member**, Society for the Study of Occupation  
 2020-present      **Member**, Occupational Therapy Association of California  
 2014-present      **Member**, American Academy of Pediatrics  
 2012-present      **Member**, National Association of Neonatal Therapists  
 2010-present      **Member**, American Occupational Therapy Association

#### HONORS, AWARDS, FELLOWSHIPS, COMMENDATIONS:

- 2023      **Honorary Member**, Pi Theta Epsilon Honorary Society  
 2021      **Innovation Award**, National Board for Certification in Occupational Therapy  
 2021      **Impact Award**, National Board for Certification in Occupational Therapy  
 2020      (Honorable Mention) **Neonatal Therapist of the Decade**, National Association of Neonatal Therapists  
 2019      **Mentor Award**, Students and Teachers as Research Scientists (STARS) Program, University of Missouri at St. Louis  
 2018      **Patricia Buehler Legacy Award for Clinical Innovation**, USC Chan Division of Occupational Science and Occupational Therapy  
 2018      **A. Jean Ayres Award**, American Occupational Therapy Foundation  
 2017      **Research Excellence Award**, National Association of Neonatal Therapists  
 2016      **Participant**, LAUNCH Leadership Program, National Association of Neonatal Therapists  
 2014      (Nominee) **Pioneer in Neonatal Therapy**, National Association of Neonatal Therapists

### III. TEACHING ACTIVITIES

#### COURSES DEVELOPED/REVISED:

##### **USC Chan Division of Occupational Science and Occupational Therapy**

OT 649: Researching Occupation: Function, Participation and Health (4 units)

Course Description: Occupational science supports the study of health and well-being from the standpoint of everyday living, advancing knowledge shared with the biological sciences, public health, medicine, rehabilitation science and the helping professions. As a core course in the PhD in Occupational Science program, OT 649 acclimates students to research methodology in occupational science and related disciplines that focus on human adaptation and participation through the lens of everyday living among diverse populations. Students learn about theories, research designs, and methods used to understand and measure the relationship among body structures and function, participation, occupation, clinical outcomes, health systems, and health policy.

OT 599: Function, Participation, and Health of Infants and Families in the NICU (4 units)

Course Description: As an elective course in the entry-level clinical doctorate (OTD) program, OT 599 enables students to explore approaches to understanding health and wellbeing in everyday living among infants and families who start their lives in the neonatal intensive care unit (NICU). Students learn about biological and environmental contributors to health, with a focus on prevention, wellness, parenting, early occupations, early developmental trajectories, the impact of chronic illness, and potential rehabilitation approaches, including neuroprotective, neuro-promotive, and developmental care strategies.

#### COURSES PRESENTED:

##### **USC Chan Division of Occupational Science and Occupational Therapy**

Spring 2023	<b>Instructor</b> OT 599: Function, Participation, and Health of Infants and Families in the NICU <u>Course Description:</u> Please see above description.
Spring 2022	<b>Co-Instructor</b> OT 649: Researching Occupation: Function, Participation, and Health <u>Course Description:</u> Please see above description.

##### **Washington University at St. Louis School of Medicine, Program in Occupational Therapy**

2013-2020	<b>Instructor and Faculty Advisor</b> OT 750P: Directed Practice Research: Pediatrics <u>Course Description:</u> This three-unit course is an applied clinical experience or clinical research project under the guidance of a graduate faculty mentor. The focus of the project will be in pediatrics. The project, over the course of three semesters, results in a scholarly paper.
-----------	--

##### **Washington University at St. Louis, PhD Program in Rehabilitation and Participation Science**

2016-2017	<b>Course Master</b> OT 770: PhD Seminar in Rehabilitation and Participation Science <u>Course Description:</u> In this course, all Rehabilitation and Participation Science PhD students join faculty in a weekly seminar where faculty and student research are presented and discussed. Presentations are made by Washington University faculty and visiting professors whose work stimulates new areas of study.
-----------	--

#### GUEST LECTURES AND/OR LAB INSTRUCTION:

##### **USC Chan Division of Occupational Science and Occupational Therapy**

2020-present	<b>Guest Lecturer</b> (NICU content), OT 503: Pediatric Immersion Course
2020-present	<b>Guest Lecturer</b> (Brain Development), OT 441: Neuroscience Course
2020, 2022	<b>Guest Lecturer</b> (Sensory Research), OT 564: Sensory Processing and Sensory Integration Course

##### **Washington University at St. Louis School of Medicine, Program in Occupational Therapy**

2013-2019	<b>Guest Lecturer and Lab Instructor</b> , Fundamentals of Assessment
2013-2015	<b>Guest Lecturer and Lab Instructor</b> , Fundamentals of Interventions
2009-2015	<b>Guest Lecturer and Lab Instructor</b> , Health Conditions

## **Washington University at St. Louis, PhD Program in Rehabilitation and Participation Science**

2017-2020      **Guest Lecturer**, PhD Seminar in Rehabilitation and Participation Science

### **COURSE MENTORSHIP:**

#### **USC Chan Division of Occupational Science and Occupational Therapy**

2020-2022      **Faculty Mentor**, OT 590: Directed Research (Independent Study)

2020-2022      **Faculty Mentor**, OT 660: PhD Research Immersion

2020-2022      **Faculty Mentor**, OT 790: OTD Immersion: Research Track

#### **Washington University at St. Louis School of Medicine, Program in Occupational Therapy**

2014-2019      **Course Mentor**, OT 691: Doctoral Capstone Proposal

### **MENTORING ACTIVITIES:**

#### **List of Graduate Students Mentored:**

##### **PhD Students – Committee Chair**

2020-present      **Marinthea Richter**, PhD in Occupational Science  
*Current Position:* PhD Student, USC Chan Division of OS/OT  
*Research Interests:* Parent-infant co-occupations; neurodevelopmental outcomes of high-risk infants; early intervention focusing on neonates

##### **PhD Students – Committee Member**

2022-present      **Tiana Nguyen**, PhD in Health Related Sciences (Occupational Therapy focus)  
*Current Position:* PhD Student, Virginia Commonwealth University  
*Dissertation Topic:* Impact of patient characteristics on dysphagia therapy utilization and feeding outcomes for premature infants in the neonatal intensive care unit

2021-present      **Carolyn Ibrahim**, PhD in Health Sciences  
*Current Position:* PhD Student, Rush University, College of Health Sciences  
*Research Interests:* Feeding interventions with high-risk infants in the NICU

##### **Doctorate in Occupational Therapy (OTD) Students**

2022      **Delaney Smith**, USC Chan Division of Occupational Science and Occupational Therapy

2021      **Julia Lisle**, USC Chan Division of Occupational Science and Occupational Therapy  
*Current Position:* Assistant Professor of Clinical Occupational Therapy, USC

2020      **Jenny Kwon**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Pediatric Therapy Center

2020      **Margaux Collins**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Pediatric Therapy Center

2019      **Lara Liszka**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Seattle Children's Hospital

- 2019 **Molly Grabill**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, St. Louis Children's Hospital
- 2019 **Margaret (Crabtree) Meether**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, University of Illinois Hospitals
- 2019 **Danielle Prince**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Minnesota Children's Hospital
- 2018 **Anna Annecca**, Washington University, Program in Occupational Therapy
- 2018 **Sarah Wolf**, Washington University, Program in Occupational Therapy
- 2017 **Rachel Harris**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Memorial Hermann Hospital
- 2017 **Justin Ryckman**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Sensory Solutions
- 2016 **Katherine Ross**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Norton Children's Hospital
- 2016 **Kelsey Dewey**, Washington University, Program in Occupational Therapy  
*Current Position:* graduate student, physician assistant program
- 2015 **Odochi Nwabara**, Washington University, Program in Occupational Therapy  
*Current Position:* occupational therapist, Methodist Hospitals
- 2015 **Hayley Chrzastowski**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Spotsylvania Medical Center
- 2014 **Sonya Dunsirn (Baillie)**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Wisconsin Children's Hospital
- 2013 **Tara Crapnell**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Pediatric Therapy Center
- 2013 **Lisa Olsen (Tiltges)**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, Banner Hospital
- 2012 **Lauren Reynolds (Strnad)**, Washington University, Program in Occupational Therapy  
*Current Position:* research coordinator, Washington University
- 2012 **Laura Lewis (Madlinger)**, Washington University, Program in Occupational Therapy  
*Current Position:* neonatal therapist, University of Illinois Medical Center
- 2012 **Cori Zarem**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Cleveland Clinic
- 2011 **Mallory Duncan (Hensley)**, Washington University, Program in Occupational Therapy  
*Current Position:* occupational therapist, Belleville Medical Center

Master's in Occupational Therapy Students:

- 2020 **Marissa Corder**, Washington University, Program in Occupational Therapy  
*Current Position:* pediatric therapist, Cardinal Glennon Children's Hospital
- 2020 **Caitlyn Terhune**, Washington University, Program in Occupational Therapy

2019	<b>Pido Tran</b> , Washington University, Program in Occupational Therapy
2019	<b>Kylie Buma</b> , Washington University, Program in Occupational Therapy
2019	<b>Sarah Tenbarger</b> , Washington University, Program in Occupational Therapy
2018	<b>Margaret Kindra</b> , Washington University, Program in Occupational Therapy
2018	<b>Rachel Muñoz</b> , Washington University, Program in Occupational Therapy
2018	<b>Amy Jacobsen</b> , Washington University, Program in Occupational Therapy
2017	<b>Lisa Shabosky</b> , Washington University, Program in Occupational Therapy
2017	<b>Bailey Farr (Hall)</b> , Washington University, Program in Occupational Therapy <i>Current Position:</i> medical school student
2016	<b>Polly Kellner (Durant)</b> , Washington University, Program in Occupational Therapy <i>Current Position:</i> research coordinator, University of Southern California
2016	<b>Felicia Foci</b> , Washington University, Program in Occupational Therapy <i>Current Position:</i> pediatric residency, Cincinnati Children's Hospital
2016	<b>Elizabeth Heiny</b> , Washington University, Program in Occupational Therapy <i>Current Position:</i> research coordinator, Washington University
2014	<b>Joy Bender</b> , Washington University, Program in Occupational Therapy <i>Current Position:</i> research assistant, Washington University
2014	<b>Laura Mazelis</b> , Washington University, Program in Occupational Therapy
2014	<b>Kelsey Melchior</b> , Washington University, Program in Occupational Therapy
2013	<b>Kristin Seefeldt</b> , Washington University, Program in Occupational Therapy
2013	<b>Melissa Mara</b> , Washington University, Program in Occupational Therapy
2011	<b>Amanda Felber (Brown)</b> , Washington University, Program in Occupational Therapy
2011	<b>Stephanie Walker</b> , Washington University, Program in Occupational Therapy
2010	<b>Alison Castellano (Lynch)</b> , Washington University, Program in Occupational Therapy
2010	<b>Katrina Stransky</b> , Washington University, Program in Occupational Therapy
2003	<b>Renee Gamberoni</b> , University of Florida, Department of Occupational Therapy

## **List of Summer Interns:**

### Medical Student

2018	<b>Laura Whitehill</b> , University College Dublin (Ireland) Washington University Institute of Public Health Summer Internship
------	--

### Undergraduate Students

2023	<b>Victoria Hart</b> , University of Southern California Diversity, Inclusion, and Access (DIA) Program
2023	<b>Ivy Mejia</b> , University of Southern California Diversity, Inclusion, and Access (DIA) Program
2021	<b>Arhelio Figueroa</b> , University of Southern California Diversity, Inclusion, and Access (DIA) Program

#### High School Students [through the Students and Teachers as Research Scientists (STARS) program]

2019	<b>Katie He</b>
2019	<b>Sabriya Jalal</b>
2019	<b>Madalyn Abady</b>
2018	<b>Rishith Mishra</b>
2018	<b>Gansari Aleti</b>
2018	<b>Margaret Hughes</b>
2017	<b>Sudheesha Paladugu</b> (received an award for research excellence)
2017	<b>Hania Nuraini</b> (received an award for research excellence)
2017	<b>Shirsha Majumdar</b> (received an award for research excellence)
2017	<b>Sophia Li</b>
2017	<b>Nikhita Kohli</b>
2017	<b>Neha Bharadwaj</b> (accepted to Johns Hopkins University)
2017	<b>Kennedi Ginger</b> (received an award for research excellence)
2017	<b>Shree Govani</b>
2016	<b>Katie Kersting</b> (received an award for research excellence; accepted to St. Louis University)
2016	<b>Anhthi Luong</b> (accepted to Washington University in St. Louis)
2016	<b>Alhan Sayyed</b> (received an award for research excellence; accepted to St. Louis University)
2015	<b>Jennifer Donovan</b> (received an award for research excellence, accepted to Northwestern U)
2015	<b>Brittany Calkins</b> (accepted to Emory University)
2015	<b>Cherry Tomatsu</b> (accepted to University of Delaware)
2014	<b>Michelle Tang</b> (received an award for research excellence)
2014	<b>Danielle Serota</b> (received an award for research excellence)

#### **IV. ADMINISTRATIVE AND SERVICE ACTIVITIES**

##### **UNIVERSITY SERVICE:**

##### University of Southern California, Chan Division of Occupational Science and Occupational Therapy

2023-present	<b>Member</b> , University Research Network
2023-present	<b>Member</b> , Strategic Plan Innovation Strategy Planning Committee
2023-present	<b>Member</b> , Diversity Equity Access (DEA) Committee
2021-present	<b>Member</b> , Strategic Plan Strategy 2.1 “Research Portfolio” Implementation Team
2020-present	<b>Member</b> , PhD Scholarship Committee
2020-2021	<b>Member</b> , OTD Curriculum Development Focus Group

##### Washington University in St. Louis, Program in Occupational Therapy

2016-2020	<b>Member</b> , Diversity Committee
-----------	-------------------------------------



2013-2020	<b>Elected Member</b> , OT Faculty Council, Investigator Track Representative
2012-2014	<b>Member</b> , Curriculum Committee
2012-2014	<b>Member</b> , PhD Program Development Committee

#### EDITORIAL ACTIVITIES:

##### Editorships and Editorial Review Boards

2022-present **Associate Editor**, *Occupational Therapy Journal of Research (OTJR)*

2014-present **Editorial Review Board Member**, *American Journal of Occupational Therapy*

##### Scientific Reviewer for Peer-Reviewed Journals

*Neonatal and Perinatal Medicine*

*Developmental Neurorehabilitation*

*Developmental Psychobiology*

*BMC Pediatrics*

*PLOS One*

*Pediatrics*

*Journal of Pediatrics*

*Journal of Perinatology*

*Acta Paediatrica*

*Early Human Development*

*Developmental Medicine and Child Neurology*

*Newborn Infant and Neonatal Nursing Reviews*

*Pain*

*Neonatal Network*

*Research in Developmental Disabilities*

##### Conference Abstract Review

2010-2017 American Occupational Therapy Association Annual Conference

2012-2013 National Association of Neonatal Therapists Annual Conference

##### Grant Review

2022 **Ad Hoc Study Section Team Member**, National Institutes of Health (NIH) Interdisciplinary Clinical Care in Specialty Care Settings (ICSC) Study Section

2016-2021 **Grant Reviewer**, American Occupational Therapy Foundation Intervention Research Grant (IRG) Program

2016-2017 **Grant Reviewer**, PSI Foundation

##### Invited Expert Review

July 2023 European Standards of Care for Newborn Health (ESCNH)

2016-2017 United Kingdom College of Occupational Therapists, Section for Children, Youth and Families: *Guidelines for Occupational Therapists in Neonatal Practice and Early Intervention*

## SERVICE ACTIVITIES:

### Professional Organizations

2022-present	<b>Expert Panel Member</b> , Early Intervention, Sensory, Motor, Attention and regulation, Relationships, and Together (EI SMART)
2021-present	<b>Faculty Panel Member</b> , California Perinatal Quality Care Collaborative, NICUs Enabling Optimal Brain Health (NEOBrain)
2014-present	<b>Co-chair</b> , Neonatal Therapy Certification Board
2020-2021	<b>Consultant</b> , Safety Committee for Prevention of Pre-Term Labor, e-Bio Tech
2020	<b>Consultant</b> , NICU Research, Harvard University/Brigham and Women's Hospital
2017	<b>Consultant</b> , Proctor and Gamble, Newborn Division
2012	<b>Charter Faculty Member</b> , Neonatal Touch and Massage Certification, Creative Consultants

## OTHER PREVIOUS EMPLOYMENT:

2016-2019	<b>Faculty</b> , Education Resources, Inc. Developed/Taught Continuing Education Course: <i>Assessment and Intervention with the High-risk Infant in the NICU and During the Transition to Home</i>
-----------	--

## BOARD CERTIFICATION AND/OR LICENSURE:

### Specialty Certifications

2017-present	Neonatal Therapy Certification #CNT 170003
2013	Certified Trainer, NICU Network Neurobehavioral Scale, Brown Center for At-Risk Children
2008	Certified, Neonatal Oral Motor Assessment Scale, NOMAS International
2007	Certified, NICU Network Neurobehavioral Scale Examiner, Brown Center for At-Risk Children
2015	Certified, Advanced Course on General Movement Assessment, General Movement Trust
2014	Certified, General Movement Assessment Examiner, General Movement Trust

### State Licensure

2019-present	<b>Licensed Occupational Therapist</b> California Occupational Therapy License #20289
2005-present	<b>Licensed Occupational Therapist</b> Missouri Occupational Therapy License #2005020656
1997-2002; 1992-1995	<b>Licensed Occupational Therapist</b> Florida Occupational Therapy License

1995                    **Licensed Occupational Therapist**  
Nevada Occupational Therapy License

National Certification

1992-present        **Registered Occupational Therapist**  
National Board for Certification in Occupational Therapy (NBCOT) #984640