

Curriculum Vitae

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Catherine R. Hoyt

Contact Information

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Program of Occupational Therapy
Washington University School of Medicine
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Present Position

2023-Present Assistant Professor, Program in Occupational Therapy
Department of Neurology
Department of Pediatrics
Faculty Scholar, Institute of Public Health
Faculty Affiliate, Center for the Study of Race, Ethnicity and Equity
Washington University School of Medicine, St. Louis, MO

Research Focus

I am a clinician-scientist committed to addressing deficits associated with neurological injury in the first years of life. My work is organized to determine effective approaches to identify developmental delays and train therapists and caregivers to integrate strategies that promote positive interactions between caregivers and their children during this period of rapid neural development. The long-term goal of my work is to increase family independence and maximize opportunities for meaningful participation to ameliorate the long-term impact of disability among young children with neurological injury.

Education and Training

2003-2007 B.S., Natural and Social Science with a Secondary Emphasis in Spanish,
Juniata College, Huntingdon, PA

2007-2010 Doctor in Occupational Therapy, Washington University School of
Medicine, Program in Occupational Therapy, St. Louis, MO

2015-2019 Ph.D., Leadership Credential, Rehabilitation and Participation Science,
Washington University School of Medicine, St. Louis, MO
Title: Novel Approaches for the Measurement of Early Childhood
Development

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Mentors: Nico Dosenbach MD, PhD; Allison King MD, PhD, MPH

- 2019-2021 Postdoctoral Associate, Program in Occupational Therapy, Washington University School of Medicine, St. Louis, MO
- 2020-2022 Mentored Training in Implementation Science. Supported by the National Heart, Lung, Blood and Sleep and the National Institutes of Health: K12HL137942, PI: Davila-Roman
- 2022 Workshop in Implementation Science and Health Services (WISH): Advancing Grant Writing Skills for Rehabilitation Researchers. Supported by National Institutes of Health: 1P2CHD101895-01
- 2024 Compass Training and Mentoring Program Scholar. Supported by the National Institute of General Medical Sciences (NIHMS) and the National Institutes of Health: R25GM143346

Academic Positions/Employment

- 2010-2013 Occupational Therapist, Washington University School of Medicine, Program of Occupational Therapy/Hematology
Lab: Allison King PhD, MD, MPH
Duties: Project design, recruitment, data collection and management, publication
- 2014-2015 Occupational Therapist, Washington University School of Medicine, Department of Neurology
Lab: Nico Dosenbach PhD, MD and Deanna Greene PhD
Duties: Recruited participants and collected data for ongoing projects
- 2019 Postdoctoral Externship, University of Groningen, Netherlands, Department of Developmental Neurology
Lab: Mijna Hadders-Algra PhD, MD
Duties: Score infant videos of the General Movements Assessment and Infant Motor Profile
- 2019-2021 Postdoctoral Associate, Washington University in St. Louis
Lab: Lisa Tabor Connor, PhD
- 2021-2023 Instructor, Washington University in St. Louis

Clinical Title and Responsibilities

- 2011-Present Owner/Occupational Therapist, My Little Sunshine Pediatric Therapy L.L.C.
Description: Owner, early intervention therapist and evaluation specialist.
Pearson Assessments Field Research Evaluator for Bayley Scales of

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Infant/Toddler Development IV

- 2011-2013 Occupational Therapist, Good Shepherd School for Children
Supervisor: Paula Bahn, RPT
Description: Pediatric therapist. Led fine motor and sensory groups and provided individual and home-based therapy services.
- 2013-2015 Occupational Therapist, Washington University, Program in Occupational Therapy
Supervisor: Pat Nellis, OTD
Description: Provided pediatric evaluation and therapeutic services in the clinical and home setting
- 2013 Occupational Therapist, Ability Network
Supervisor: Leslie Elpers
Description: Provided home based early intervention therapy and evaluation services

Teaching Title and Responsibilities

- 2009 Teaching Assistant, Washington University; St. Louis, MO
Course: Communications in Mental Health
- 2011-2015 Course Director, Washington University; St. Louis, MO
Course: Independent study: Pediatrics and Child Development
Learners: Sonya Dunsirn OTD, Odo Nwabara OTD, Elizabeth Tackett OTD
- 2011-2015 Course director, Washington University; St. Louis, MO
Course: Communicating with Spanish Speaking Clients: Culture and Conversation in Occupational Therapy
- 2011-2020 Clinical Instructor to Guatemala, Washington University; St. Louis, MO
Annual 1-week student service-learning trip to Guatemala
- 2011-2020 Guest Lecturer, Washington University; St. Louis, MO
Invited lectures in the following courses: Pediatric Intervention, Neuroscience, Case Based Learning, Neurology
- 2013, 2020 Small Group Instructor, Washington University; St. Louis, MO
Course: Case Based Learning I, Pediatrics
- 2014-2019 Research Mentor, King- Child Health and Development Laboratory, Washington University; St. Louis, MO
Guide project development, data collection and analysis for masters and doctoral students under the mentorship of Allison King PhD, MD, MPH.

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Learners: Jianna Fernandez OTD, Emma Grandgeorge MSOT, Kelly Baker MSOT, Hannah Manis MSOT, Laura Pilney MSOT, Ashley Chuck OTD, Jeni Erickson OTD, Sadie Hurwitz OTD

- 2016- 2019 Research Mentor, Dosenbach Laboratory, Washington University; St. Louis, MO
Guide project development, data collection and analysis for master's students under the mentorship of Nico Dosenbach PhD, MD.
Learners: Melanie Berner MSOT, Shelby Brown MSOT, Sarah Sherman MSOT
- 2019 - Present Research Mentor, Hoyt- GROWTH Lab, Washington University; St. Louis, MO
Guide project development, data collection and analysis for master's and doctoral learners.
Learners: Kayli Antonoff OTD, Sophia Larson MSOT, Lauren Leonardi OTD ('26), Madi Griffith (OTD '26)
- 2017, 2019 Small Group Instructor, Washington University; St. Louis, MO
Course: Research Proposal Development
- 2021-2023 Course director, Washington University; St. Louis, MO
Course: Case-Based Learning I, Pediatrics
- 2024 Mentor, Advanced Summer Program for Investigation and Research (ASPIRE), Washington University School of Medicine, St. Louis, MO
Learners: Maya Caldwell, Yuri Kim

University, School of Medicine and Hospital Appointments and Committees

- 2008-2009 Chair, Education Committee; Pi Theta Epsilon Occupational Therapy Honor Society
- 2008-2009 Chair, Cultural Committee; Washington University Student Occupational Therapy Association
- 2016-2017 Graduate Council Representative and Secretary
- 2016-2017 Graduate Council Executive Committee, Member and Secretary
- 2016-2017 Graduate Student Senate; Representative and Faculty/Staff Awards Coordinator
- 2016-2017 Peer Mentoring Coordinator
- 2017-2018 Liberman Graduate Center Advisory Committee

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- 2017-2018 Graduate Council Representative
- 2017-2018 Board of Trustees, Graduate Student Representative
Committees: Building, Grounds and Real Estate, Audit, Global Engagement, Graduate Research Affairs, Medical Finance, Honorary Degree, ProGRADS: Professional and Graduate Student Coordinating Committee
- 2017-2018 Chancellor Search Committee, Graduate Student Representative
- 2020-2021 Washington University Program in Occupational Therapy
Committees: Diversity, Equity and Inclusion (Student Support), Center For Community Living Task Force
- 2020 Washington University Postdoctoral Society, Executive Committee
Committees: Policy & Advocacy, Peer Mentorship
- 2020 Campus Security Authority, WUSTL
- 2020-2021 Washington University Postdoc Peer Mentorship Program
Co-Founder and Co-Director
Mentees: Szu-Wei Chen, Michael Park
- 2021- Washington University First Fridays for OT Research, Co-Host
- 2021 Washington University School of Medicine Food Insecurity Task Force
- 2021 Washington University School of Medicine, Center for Community Living Task Force
- 2021- Faculty Affiliate, Center for the Study of Race, Ethnicity & Equity
- 2021-22 Faculty Search Committee, Washington University School of Medicine, Program in Occupational Therapy
- 2022-23 CAPES Committee. Washington University School of Medicine, Program in Occupational Therapy
- 2022- Faculty Affiliate, Institute for Public Health
- 2024, 2025 Keck Postdoctoral Fellowship in Biomedical Research Selection Committee
- 2025 Institute of Clinical and Translational Science Liaison, Program in OT

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Licensures and Certifications

2010	Vital Links Therapeutic Listening
2010	Parents as Teachers (PAT) Parent Educator Prenatal to Three
2011	Handwriting without Tears® K-5
2011-Present	National Board for Certification of Occupational Therapy Certification number: 281963
2011-Present	Missouri Occupational Therapy License, License number: 2011008932
2014	Data Management for Clinical Research: REDCap
2014	Comprehensive Treatment for Pediatric Hemiparesis
2015	Comprehensive Behavior Intervention for Tics (CBIT)
2015	NICU Network Neurobehavioral Scale (NNS)
2020	Safe Zone, WUSTL Office of Diversity, Equity and Inclusion
2020	Leadership and Management in Action Training Program, WUSTL
2020-2028	Notary Public: State of Missouri- #20678485

Honors and Awards

2003-2007	Calvert - Ellis Merit Scholarship
2005	Omicron Delta Kappa – Leadership Honor Society
2004,2006	NYCE - Scholarship for Study Abroad in Latin America
2006	Sigma Iota Rho, International Relations Honor Society
2007	Merit Scholarship, Washington University, Occupational Therapy
2008-Present	Pi Theta Epsilon, Occupational Therapy Honor Society

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2012	Emerging Leaders Development Program, American Occupational Therapy Association
2016,-17,-19,-24	Service Commendation, American Occupational Therapy Association
2017	PEO Scholar Award, Regional Nominee
2017	Service Commendation, Washington University in St. Louis, Graduate School
2017, 2019	Poster selected for oral presentation, top 8, American Occupational Therapy Association
2018	Student Travel Scholarship Award, American Academy of Cerebral Palsy and Developmental Medicine (AACPDM)
2019	Leadership Credential, Washington University in St. Louis
2022	Recognition of Achievement, American Occupational Therapy Association
2022	Travel Scholarship Award, Learning Health Systems Rehabilitation Research Network (LeaRRn)
2024	Roster of Fellows. American Occupational Therapy Association (FAOTA)
2024, 2025	Certificate of Appreciation, American Occupational Therapy Foundation
2025	Outstanding Reviewer Award, American Journal of Occupational Therapy (AJOT)

Editorial Responsibilities

	Journal Reviewer
2020	<i>Journal of Pediatric Neurology</i>
2020	<i>Developmental Neurorehabilitation</i>
2020-Present	<i>OTJR: Occupational Therapy Journal of Rehabilitation</i>
2020-2024	<i>JAMA Network Open</i>

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- 2018- 2024 *Journal of Patient Reported Outcomes*
- 2016- Present *American Journal of Occupational Therapy*
- 2021 *Pilot and Feasibility Studies*
- 2021 *Australian Journal of Occupational Therapy*
- 2022 *BMC Pediatrics*
- 2024-Present *Pediatric Blood and Cancer*
- 2024 *Global Pediatric Health*
- 2024 *Implementation Science Communications*
- 2025-Present *Journal of Developmental and Behavioral Pediatrics*
- 2025-Present *Archives of Physical Medicine and Rehabilitation*
- 2023-Present *Advances in Rehabilitation Science and Practice*
- 2025 *Hematology, Transfusion and Cell Therapy*
- Review Board**
- 2021-2025 *OTJR: Occupational Therapy Journal of Rehabilitation*
- 2024-Present Column Reviewer, OT Practice AOTA, Perspectives That Matter
- 2022- Present **Associate Editor**, *Advances in Rehabilitation Science and Practice*
- 2025- Present **Associate Editor**, *OTJR: Occupational Therapy Journal of Rehabilitation*
- Guest Topic Editor**
- 2025-2026 *Advances in Rehabilitation Science and Practice: Bridging the Gap: Science, Strategies, and Systems Change for Equitable Access to Rehabilitation and Care*
- Grant Review Panel**
- 2024 National Institutes of Health, Analytics and Statistics for Population Research Panel B (ASPB)

National Panels, Committees, Boards

Curriculum Vitae

- 2014-2020 Co-Founder and Founding Chair, Coalition of Occupational Therapy Advocates for Diversity (COTAD), 501(c)(3)
Committees: Annual COTAD Breakfast, COTAD-ED, Toolkit Development, Minority Mentorship Program, COTAD Chapters, Fundraising, COTAD Community, COTAD Book+ Club, IGNITE!, Research and Publishing, and Social Media
- 2021-2024 Member. American Occupational Therapy Association, 501(c)(3). Diversity, Equity and Inclusion Committee.
- 2022-2024 Member. American Occupational Therapy Foundation. Awards and Recognition Committee.
- 2024-present Member. American Occupational Therapy Foundation. Development Council.
- 2025-present Technology Coordinator. Disability Caucus Steering Committee. Society for Research in Child Development.

Community Service Contributions

Community Engagement

- 2015 Contributing Author, Distinct Value Committee: Children & Youth, American Occupational Therapy Association
- 2015 Invited participant: 2025 Visioning Meeting, American Occupational Therapy Association
- 2015-2016 Mentor, American Occupational Therapy Association; Bethesda, MD
Served as a mentor in the Emerging Leaders Development Program.
Mentee: Jenny Martinez, OTD
- 2016-2018 American Occupational Therapy Foundation National Team, St. Catherine Challenge for Research
- 2016, 2018 Volunteer, American Occupational Therapy Foundation State of Science
- 2017, 2018 Volunteer, American Occupational Therapy Foundation Breakfast with a Scholar
- 2023 Representative, DEI Committee to the Executive Director Focus Groups. American Occupational Therapy Association.
- 2025 Judge for the Diverse Leaders Program, RISE with the American Occupational Therapy Association
- 2026 Reviewer for Intervention Research Grants. American Occupational Therapy

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Foundation.

Professional Societies and Organizations

2009-current	American Occupational Therapy Association
2016-current	Missouri Occupational Therapy Association
2016	American Congress of Rehabilitation Medicine
2016, 2023	American Academy for Cerebral Palsy and Developmental Medicine
2017-2019	Flux: International Society for Integrative Developmental Cognitive Neuroscience
2015-current	International Society on Early Intervention
2020-2024	Society for Implementation Research Collaboration
2022-current	Society for Research in Child Development
2014-2024	Coalition of Occupational Therapy Advocates for Diversity
2022-current	Missouri Association for Infant and Early Childhood Mental Health
2023-2024	American Society for Neurorehabilitation
2024	American Psychological Association

Consulting Relationships and Board Memberships

Small Business Consulting

2014-2019	Advisory Board, Southpaw Ent.; Pediatric therapy equipment company
2019-2023	Advisor, Wayband by WearWorks; Wearable device to utilize haptics for navigation
2019-2024	Advisor, STEGA Handwriting Evaluation Application
2021	Consultant, OT Potential, continuing education platform
2022-2023	Advisory Board, OT Potential, continuing education platform

Board Membership

2014-2021	Executive Board, Coalition of Occupational Therapy Advocates of Diversity (COTAD). Co-Founder and Founding Chair (2014-2020).
2018-2019	Graduate Representative, Board of Directors. Washington University in St.

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Louis.

2020-2021 Founding Coordinator, Postdoc Peer Mentorship Program, Leadership Credential and Certificate, Washington University in St. Louis, St. Louis, MO

Research Support

Current

07/2025-
06/2027 American Occupational Therapy Foundation. Title: Community Driven Methods for Screening for Developmental Delay Among Infants and Toddlers with Sickle Cell Disease.
Role: PI

02/2025-
01/2026 Washington University Center for the Study of Race, Ethnicity and Equity. Title: Strengthening Family-Centered Communication and Connections in the St. Louis Sickle Cell Community.
Role: PI

03/2023-
03/2026 Washington University Institute for Clinical and Translational Sciences. Center for Community Health Partnership and Research. Partnership Development & Sustainability Funding Program. Title: Expanding developmental screening and early intervention for children with sickle cell disease.
Role: PI

01/2023-
01/2028 1K23HL161328-01A1 (Hoyt) 9.0 CM
Title: Early Identification of Developmental Delay Among Infants and Toddlers with Sickle Cell Disease.
Role: PI

08/2022-
08/2025 Missouri Foundation for Health. Opportunity Fund. Title: Expanding access to early intervention for children with Sickle Cell Disease.
Role: PI

03/2025-
03/2027 AOTA. Title: Strengthening Pathways: Enhancing 3-2 Program Partnerships for Diverse OT Student Recruitment.
Role: Mentor

Past

12/17/10-
12/31/13 H46MC09231 (King)
Health Resources and Services Administration

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Developmental screening of infants and toddlers with sickle cell disease was completed in the hematology clinic at St. Louis Children's Hospital (total <200 assessments). A home-based parent education program adapted from Parents as Teachers was developed and provided to 45 families.

Role: Occupational Therapist/Program Coordinator

09/2016-
08/2018 Young Investigator Research Fund (Hoyt, King)
Washington University in School of Medicine, Program in Occupational Therapy Provided funding for the validation of the Infant Toddler Activity Card Sort.

Role: Principal Investigator

08/2018-
05/2019 Dissertation Award (Hoyt, King)
Alvin R. Tarlov & John E. Ware Jr. Doctoral Dissertation Award in Patient Reported Outcomes
Provided support the publication of the Infant Toddler Activity Card Sort: A caregiver reported measure of child engagement.

Role: Principal Investigator

04/2015-
05/2019 K23 NS088590 (Dosenbach)
NINDS
Pediatric brain injury recovery via use-driven functional network reorganization
This award focused on neural recovery following stroke in children with hemiplegia and understand how constraint-induced therapy drives rehabilitation outcomes.

Role: Graduate Student Researcher, 09/2015 to 04/2019

01/2020-
03/2021 1K24 HL148305-01 (King)
NIH/NHLBI (SCANS)
Sickle Cell Anemia Neurodevelopmental Screening - Mentoring and Research in Patient Oriented Research The specific aims of this proposal are to: 1) determine the barriers and facilitators of surveillance and screening of early childhood development of children with SCD age 0-3 years, and 2) identify specific implementation strategies to address the barriers and facilitators to early childhood development screening. Funding from this award is supporting preliminary data collection for the K12.

Role: Postdoctoral Research Associate

05/2020-
12/2022 K12HL137942 (Davila)
9.6 CM
NHLBI Mentored Training in Implementation Science
Discoveries are often made in biomedical research but fail application in community and clinical settings ("real world" practice). In particular, chronic diseases in heart, lung, blood and sleep (HLBS) disorders are overwhelming disabling even though effective preventive and treatment strategies exist.

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Over the past decade, the science of dissemination and implementation (D&I) research has emerged to shorten this “translation gap.”

Role: Scholar

06/2022-
06/2023 Center for Study of Race, Ethnicity & Equity. Small Grant Fund. Title: Development of a new model to support occupational therapy practice.

Role: PI

03/2022-
02/2023 Washington University & St. Jude Children’s Research Hospital, Implementation Science Collaborative. Title: Use of Early Intervention in Sickle Cell Disease. Goal: Quantifying the use of Early Intervention among children with SCD in Missouri and Tennessee.

Role: Co-PI

03/2022-
02/2023 Washington University/CTRFP. Title: Utilization of Developmental Screening in Sickle Cell Disease. Goal: Quantify the use of Early Intervention among children with SCD.

Role: PI

10/2023-
02/2025 Washington University Institute for Public Health. Conceptual and Methodological Review Grants. Title: From Theory to Practice: A Scoping Review of Implementation Strategies in Pediatric Rehabilitation.

Role: PI

03/2021-
02/2025 5U01NS106655-02 (Ramey, Lo)
0.6 CM

NINDS: Perinatal Arterial Stroke: A Multi-Site RCT of Intensive Infant Rehabilitation (I-ACQUIRE)

Perinatal arterial stroke (PAS) includes infants with neonatal arterial ischemic stroke and presumed perinatal arterial stroke and has an estimated incidence of 1 in 1150. The majority will develop hemiparesis, often resulting in lifelong and debilitating disability, including lowered cognition and quality of life. There are no evidence-based forms of rehabilitation designated as standard-of-care for these infants. We propose a Phase III trial to address this lack of evidence-based treatments. The I-ACQUIRE Trial is a rigorous, adequately powered, multi-site randomized controlled trial comparing 2 dosages of a pediatric rehabilitation

Role: Site CO-I

08/2023-
03/2025 C-PROGRESS (P2CHD10191), Pediatric Rehabilitation Resource Center. Title: Factors Contributing to the Implementation of Constraint-Induced Movement Therapy.

Role: PI

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Trainee/Mentee/Sponsorship Record

MSOT/OTD Project Mentor

- 2016 Development of the Infant Toddler Activity Card Sort
Learner: Jianna Fernandez, OTD; Emma Grandgeorge, MSOT
- 2016 Accelerometry to detect unilateral differences in children with stroke
Learner: Melanie Berner, MSOT
- 2017 Validation of Infant Toddler Activity Card Sort
Learners: Kelly Baker, MSOT; Hannah Manis, MSOT
- 2018,'19 Psychometrics of the Infant Toddler Activity Card Sort
Learners: Laura Pilney, MSOT; Ashley Chuck, OTD
- 2019 Comprehensive assessment of children with perinatal stroke
Learners: Sarah Sherman, MSOT; Shelby Brown, MSOT
- 2021 Perspectives of Development Screening in Sickle Cell Disease
Learner: Jeni Erickson, OTD
- 2022 Behavioral Interventions to Support Children with Sickle Cell Disease: A Systematic Review.
Learner: Sadie Hurwitz, OTD, *awarded Excellence in Student Research Award*
- 2024 Barriers and Facilitators to Implementation of Constraint-Induced Movement Therapy.
Learner: Sophia Larson, MSOT, *awarded Excellence in Student Research Award*
- 2024 Gender Affirming Care in Occupational Therapy.
Learner: Laurel Stugart, MSOT
- 2025 Increasing Referrals to Early Intervention for Children with Sickle Cell Disease.
Learner: Kayli Antonoff, OTD, *awarded Excellence in Student Research Award*
- 2026 Developing an implementable modified CIMT program.
Learner: Lauren Leonardi, OTD
- 2026 Caregivers of children with sickle cell disease and their experience with early intervention.
Learner: Madi Griffith, OTD

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Project Mentor

- 2025-2027 Recruitment, Inclusion, Sustainability, and Education (RISE) Pathways to Diversity Program, AOTA. **Title:** Strengthening Pathways: Enhancing 3-2 Program Partnerships for Diverse OT Student Recruitment.
Mentee: Grayson Owens, OTD, OTR/L
- 2025-2026 Standing for Research Inclusion, Diversity and Equity (STRIDE) Mentored Research Scholarship, AOTF. **Title:** Caregiver and Provider perspectives on the Survey of Well-Being of Young Children (SWYC) for infants and toddlers with Sickle Cell Disease.
Mentee: Jackeline Flores Yagual, MS, OTR/L, BCP

Thesis Committee Member

- 2019 Outcomes of International Service Learning (ISL)
Student: Karen Schnedl, OTD
- 2023-2024 **Title:** Development, Cross-Cultural Adaptation and Psychometric Testing of the Arabic Pediatric ACS Version of the Adolescent and Young Adult Activity Card Sort (AYA-ACS)
University of Wisconsin
Candidate: Abdullah Al Khamees, MS, PhD
- 2025-present **Topic:** Supporting Dental Care for autistic Children. University of Southern California.
Candidate: Sahar Ghahramani, MS

OTD and PP-OTD Capstone Projects

- 2021 Advancing Diversity, Equity and Inclusion in Occupational Therapy
Learner: Alejandra Arroyo, OTD from Northern Arizona University
Deliverable: OT Practice article
- 2022 Inclusive Education and Curriculum Development
Learner: Bee Burns, OTD from Washington University School of Medicine
Deliverable: Gender inclusive case study for CBL course
- 2024 Expanding use of Occupational Therapy for Individuals with Sickle Cell Disease
Learner: Julant Dorvilien, OTD from University of St. Augustine
Deliverable: AOTA Webinar on OT and Sickle Cell Disease, presented on 2/20/2024
- 2024 Trauma as a part of neurodivergence. Interventions and opportunities.

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Learner: Maddie Dewey, OTD; **Site Mentor:** Ashley Wagner, OTD, OTR/L
Deliverable: OT Practice article

Patents & Product Development

- 2015 Swaddle Swing, Available for purchase at <https://www.southpaw.com/swaddle-swing.html>
- 2016 Lateral Grip, U.S. PATENT D747,413 Entitled “Pencil Grip” Issued on January 12, 2016.
- 2016 Body Snuggle, Available for purchase at < <https://www.southpaw.com/body-snuggle.html> >

Bibliography

Original, peer-reviewed articles in refereed journals (first author n =20; senior author n = 9)

* indicates senior author, underline indicates trainee, **bold** indicates self or community partners

ORCID Profile: <http://orcid.org/0000-0002-3398-9439>

NIH Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/catherine.hoyt.1/bibliography/public/>

1. **Drazen, C.H.**, Abel, R., Lindsey, T. & King, A.A. (2014). Development and feasibility of a home-based education model for families of children with sickle cell disease. *BMC Public Health*, 14(1):116. doi: [10.1186/1471-2458-14-116](https://doi.org/10.1186/1471-2458-14-116)
2. **Drazen, C. H.**, Abel, R., Gabir, M., Farmer, G., & King, A. A. (2015). Prevalence of developmental delay and contributing factors among children with sickle cell disease. *Pediatric blood & cancer*, 63(3), 504-510. doi: [10.1002/pbc.25838](https://doi.org/10.1002/pbc.25838)
3. Fields, M.E., **Hoyt Drazen, C.**, Abel, R., Rodeghier, M.J., Yarboi, J.M., Compas, B.E. & King, A.A. (2016). A pilot study of parent education intervention improves early childhood development among toddlers with sickle cell disease. *Pediatric blood & cancer*, 63(12), 2131-2138. doi: [10.1002/pbc.26164](https://doi.org/10.1002/pbc.26164)
4. Gordan, E.M., Laumann, T.O., Gilmore, A.W., Newbold, D., Greene, D.J., Berg, J.J., Ortega, M., **Hoyt Drazen, C.**, Gratton, C., Sun, H., Hampton, J., Coalson, R.S., Nguyen, A., McDermott, K.B., Shimony, J.S., Snyder, A.Z., Schlaggar, B.L., Petersen, S.E., Nelson, S.M. & Dosenbach, U.F. (2017). Precision functional mapping of individual human brains. *Neuron*, 95(4), 791-807. doi: [10.1016/j.neuron.2017.07.011](https://doi.org/10.1016/j.neuron.2017.07.011)
5. Greene, D.J., Koller, J.M., Hampton, J.M., Wesevich, V., Van, A.N., Nguyen, A.L., **Hoyt, C.R.**, McIntyre, L., Earl, E.A., Klein, R.L., Shimony, J.S., Petersen, S.E., Schlaggar, B.L., Fair, D.A., Dosenbach, N.U. (2018). Behavioral interventions for reducing head motion during MRI scan in children. *NeuroImage*, 171, 234-245. doi: [10.1016/j.neuron.2018.01.023](https://doi.org/10.1016/j.neuron.2018.01.023)
6. Marek, S., Siegel, J.S., Gordon, E.M., Raut, R., Newbold, D.J., Ortega, M., Laumann, T.O., Zheng, A., Lopez, K.C., Hampton, J.M., **Hoyt, C.R.**, Van, A.N., Dierker, D., Berg, J.J.,

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- McDermott, K.B., Norris, S.A., Shimony, J.S., Snyder, A.Z., Nelson, S.M., Barch, D.M., Schlaggar, B.L., Petersen, S.E., Raichle, M.E., Greene, D.J., Dosenbach, N.U.F. (2018). Spatial and temporal organization of the individual human cerebellum. *Neuron*, 100 (4), 977-993. doi: [10.1016/j.neuron.2018.10.010](https://doi.org/10.1016/j.neuron.2018.10.010)
7. Gilmore, A.W., Nelson, S.M., Laumann, T.O., Gordan, E.M., Berg, J.J., Greene, D.J., Gratton, C., Nguyen, A.L., Ortega, M., **Hoyt, C.R.**, Coalson, R.S., Schlaggar, B.L., Petersen, S.E., Dosenbach, N.U.F., McDermott, K.B. (2019). High-fidelity mapping of repetition-related changes in the parietal memory network. *NeuroImage*, 199, 427-439. doi: [10.1016/j.neuroimage.2019.06.011](https://doi.org/10.1016/j.neuroimage.2019.06.011)
 8. **Hoyt, C.R.**, Van, A.N., Ortega, M., Koller, J., Everett, E., Nguyen, A., Lang, C., Schlaggar, B., Dosenbach, N.U.F. (2019). Detection of pediatric upper extremity motor activity and deficits with accelerometry. *JAMA Netw Open*, 2(4): e192970. doi: [10.1001/jamanetworkopen.2019.2970](https://doi.org/10.1001/jamanetworkopen.2019.2970)
 9. L'Hotta, A. J., **Hoyt, C. R.**, Lindsey, T., Abel, R., Chang, C.-H., & King, A. A. (2020). Validation of the fine motor subtest of the Bayley-III with children with SCD using Rasch analysis. *Child Health, Care and Development*. 1-9. doi: [10.1111/cch.12795](https://doi.org/10.1111/cch.12795)
 10. Newbold DJ, Laumann TO, **Hoyt CR**, Hampton JM, Ortega M, Nguyen A, Miller DB, Marek S, Nielsen A, Adeyemo B, Schlaggar BL, Greene DJ, Petersen SE, Gordon EM, Snyder AZ, Dosenbach NUF. (2020). Plasticity and spontaneous activity pulses in disused human brain circuits. *Neuron*, 107 (3), 580-589. doi: [10.1016/j.neuron.2020.05.007](https://doi.org/10.1016/j.neuron.2020.05.007)
 11. Varughese, T., **Hoyt, C.R.**, Ikemenogo, P., Howdeshell, S., L'Hotta, A., Houston, A., Abel, R., King, A.A. (2020). Stress and the home environment in caregivers of children with sickle cell disease. *Journal of Pediatric Psychology*, 45(5), 521-539. doi: [10.1093/jpepsy/jsaa016](https://doi.org/10.1093/jpepsy/jsaa016)
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 15. Laumann, T.O. Ortega, M., **Hoyt, C.R.**, Siegel, J., Seider, N., Hampton, J.M., Dierker, D.L., Coalson, R.S., Adeyemo, B., Gilmore, A.W., Nelson, S.M., Shimony, J.S., Greene, D.J., Gordon, E.M., Petersen, S.E., Schlaggar, B.L., Snyder, A.Z., Dosenbach, N.U.F. (2021).

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 23. Myers, P. & **Hoyt, C.R.** Postdocs are doing it for themselves: peer mentorship and why it matters. (2022). *Journal of Life Sciences*.4(1), 1-9. doi: <https://doi.org/hkqh>
 24. **Hoyt, C.R.**, Hurwitz, S., Luo, L., Varughese, T. & King, A.A. (2022). Behavioral Interventions to Support Children with Sickle Cell Disease: A Systematic Review. *Pediatric Blood and Cancer*. <https://doi.org/10.1002/pbc.30178>
 25. **Hoyt, C.R.**, Erickson, J., Luo, L., Varughese, T., & King, A.A. (2023). Perspectives on the Implementation of Developmental Screening and Intervention for Children with Sickle Cell Disease. *Journal of Early Intervention*. doi.org/10.1177/10538151231159637

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27. **Hoyt, C.R.**, Heitzer, A., Hardy, S. (2023). Commentary on the ASH 2020 Guidelines on Cognitive Screening and Intervention in Sickle Cell Disease. *Blood Advances*, 7(14). 3680-3682. <https://doi.org/10.1182/bloodadvances.2023009851>
28. **Hoyt, C.R.**, Clifton, M., Smith, C.R. & Taff, S.D. (2023). Transforming Occupational Therapy for the 21st century PAIRE: Recognize privilege, acknowledge injustice, and reframe perspective to reach occupational equity. *Occupational Therapy in Healthcare*. <https://doi.org/10.1080/07380577.2023.2265479>
29. **Coxon, M.L.**, **Hoyt, C.R.**, Smith, A. & Hadders-Algra, M. (2023). Going Beyond Conventional Assessment of Developmental Motor Disorders: Exploring Video Methods for Early Identification among Children 0-3 Years. *Advances in Rehabilitation Science and Practice*. <https://doi.org/10.1177/27536351231207740>
30. Muñoz, J., **Hoyt, C.R.**, Hamed, R., Anvarizadeh, A., Taff, S. (2023). Generative disruptive questions: Operationalizing diversity, equity, inclusion, justice and accessibility in occupational therapy education. *Journal of Occupational Therapy Education*. 7(4), <https://encompass.eku.edu/jote/vol7/iss4/13>
31. Johnson, K.R., Washington, S.E., **Hoyt, C.R.**, Banks, T.M., Román-Oyala, R., Hamed, R. (2024). Establishing Diversity, Equity, and Inclusion Priorities for Occupational Therapy Research. *Am J Occup Ther* January/February 2024, Vol. 78(1), 7801349010. doi: <https://doi.org/10.5014/ajot.2024.050601>
32. Lang, C.E., **Hoyt, C.R.**, Konrad, J.D., Bell, K.R., Marrus, N., Bland, M.D., Lohse, K.R., Miller, A.E. (2024). Referent data for investigations of upper limb accelerometry: harmonized data from three cohorts of typically developing children. *Frontiers in Pediatrics*. Vol. 12. <https://doi.org/10.3389/fped.2024.1361757>
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34. *Heitzer, A.M., MacArthur, E., Tamboli, M., Wilson, A., Hankins, J., **Hoyt, C.R.** (2024). Awareness, Access, and Communication: Provider Perspectives on Early Intervention Services for Children with Sickle Cell Disease. *Frontiers in Pediatrics*. Vol. 12 <https://doi.org/10.3389/fped.2024.1366522>
35. Pabst, L, **Hoyt, C.R.**, Felling, R., Smith, A., Harpster, K., Pardo, A., Bridge, J., Jiang, B., Gehred, A., Lo, W. (2024). Neuroimaging and neurological outcomes in perinatal ischemic stroke: A systematic review and meta-analysis. *Pediatric Neurology*. doi.org/10.1016/j.pediatrneurol.2024.04.029
36. **Hoyt, C.R.**, Luo, L., Rice, H.E., Shivakumar, N., Houston, A.J., Picinich, A., Qashou, N., Harris, K.M., Varughese, T. & King, A.A. (2024). “Everyone Screens to Some Extent”:

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Barriers and Facilitators of Developmental Screening Among Children with Sickle Cell Disease: A Mixed Methods Study. *Pediatric Blood and Cancer*, 71(8).
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37. Longoria, J.N., Dandar, C.M., Semko, J., McCracken, H.T., MacArthur, E., Kang, G., **Hoyt, C.R.**, Hankins, J., Takemoto, C.M., Heitzer, A. (2024). Perinatal risk factors and neurocognitive outcomes in children and adolescents with sickle cell disease. *Pediatric Blood and Cancer*. <https://doi.org/10.1002/pbc.31209>
38. Kearson, L., Dandar, C., **Hoyt, C.**, Longoria, J., Okhomina, V., Raches, D., Potter, B., Kang, G., Hankins, J., Takemoto, C., & Heitzer, A. (2024). Prediction of Functional Academic Outcomes by Fine Motor Skills in Individuals With Sickle Cell Disease. *Am J Occup Ther*, 78(5). <https://doi.org/10.5014/ajot.2024.050684>
39. Schwartz, J.K., Kringle, E., Perea Burns, S., **Hoyt, C.R.**, Harris, K.M., & Tayeb, S (2024). Cardiovascular Outcomes, Health Promotion Behaviors, and Social Determinants: Structural Racism and the BRFSS. *Health Equity*. <https://doi.org/10.1089/heq.2023.0203>
40. **Hoyt C.R.**, MacArthur E., Leaver H., Wilson, A., Davis, K., Harris, K.M., Damiano, R., Moore, H., Houston, A.J., **Britts, R.**, Hankins, J.S., King, A.A., Heitzer, A.M.. (2024). “I was very scared when I found out my son had sickle cell”: Caregiver knowledge and attitudes toward early intervention for young children with sickle cell disease: Implications for policy and practice from a multi-site study. *Pediatr Blood Cancer*. 2024;e31308. <https://doi.org/10.1002/pbc.31308>
41. *Larson, S., Smith, A., Aravamuthan, B., Moore, H.G., Antonoff, K.A., Ramey, S., **Hoyt, C.R.** (2024). Constraint-induced movement therapy (CIMT) for pediatric hemiplegia: Clinical landscape and barriers to widespread implementation. *OTJR: Occupational Therapy Journal of Research*. doi: <https://doi.org/10.1177/15394492241300607>
42. *Gharamani, S., Larson, S.C., L’Hotta, A.J., Harris, K.M., Lipsey, K., Juckett, L.A., Geng, E.H., **Hoyt, C.R.** (2025). Education strategies are the most commonly used in pediatric rehabilitation implementation research: a scoping review. *Implement Sci Commun* 6 (5). doi: <https://doi.org/10.1186/s43058-024-00690-w>
43. *Stugart, L., Larson, S., Lipsey, K.L., Owens, G., **Hoyt, C.R.** (2025). Gender affirming care is not standard in occupational therapy: A scoping review. *American Journal of Occupational Therapy*, 79(2). doi: <https://doi.org/10.5014/ajot.2025.050883>
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45. *Leonardi, L., DeLuca, S. C., Trucks, M. R., Wallace, D. A., & **Hoyt, C. R.** (in press). Development of a practical guide for pediatric constraint-induced movement therapy: Enhancing understanding and informed decision-making. *American Journal of Occupational Therapy*.
46. *Larson, S. C., Moore, H. G., **Britts, R.**, Towerman, A. S., Houston, A. J., Griffith, M., Antonoff, K. A., Harris, K. M., King, A. A., & **Hoyt, C. R.** (2025). Community Support for

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Caregivers of Children With Sickle Cell Disease: A 3-Year Process Evaluation. *Advances in Rehabilitation Science and Practice*, 14. <https://doi.org/10.1177/27536351251387234>

47. ***Hoyt, C. R.**, Moore, H., Caldwell, M., Kersey, J., **Britts, R.**, Harris, K. M., **Burnett, S.**, **Watza, C.**, & King, A. A. (*in press*). Building sustainable community-academic partnerships in sickle cell disease care: Implementation strategies from community partners. *Occupational Therapy Journal of Research*.
48. Miller, A. E., Lohse, K. R., Bland, M. D., Konrad, J. D., **Hoyt, C. R.**, Lenze, E. J., & Lang, C. E. (2025). A large harmonized upper and lower limb accelerometry dataset: A resource for rehabilitation scientists. *Data in Brief*, 63, 112271. <https://doi.org/https://doi.org/10.1016/j.dib.2025.112271>

Coming soon.... Hopefully.

49. **Hoyt, C. R.**, Kim, Y., Larson, S., Moore, H., MacArthur, E., King, A. A., & Heitzer, A. (in review). Mental health screening in early pediatric sickle cell disease: Initial findings and clinical considerations. *Journal of Sickle Cell Disease*.
50. *Antonoff, K. A., Moore, H., Kersey, J., Houston, A. J., Towerman, A., Larson, S. C., Burnett, S., **Britts, R.**, King, A. A., & **Hoyt, C. R.** (in review). Caregiver insights on early intervention for children with sickle cell disease. *Journal of Developmental and Behavioral Pediatrics*.

Invited Chapters

1. **Hoyt, C.R.** Sickle Cell Disease. (2022). In: *Conditions in Occupational Therapy*. Atchinson, B. & Durette, D.K. (Eds.). Lippincott Williams & Wilkins: Wolters Kluwer, Hagerstown, MD.
2. Kringle, E.A., **Hoyt, C.R.**, Caldwell, A., Schwartz, J. (2023). *Obtaining Funding for Your Research: Writing Your First Grant Proposal*. In Kielhofner's *Research in Occupational Therapy*. F.A. Davis Company, Philadelphia, PA.
3. Smet, N., Hamed, R., **Hoyt, C.R.** *In Press*. The Occupational Therapy Process. In Soloman and O'Brien's *Pediatric Skills for Occupational Therapy Assistants*, 6th ed. Elsevier, Philadelphia, PA.
4. Speeches. A. & **Hoyt, C.R.**, Smet, N. *In Press*. Development of Occupations. In Soloman and O'Brien's *Pediatric Skills for Occupational Therapy Assistants*, 6th ed. Elsevier, Philadelphia, PA.
5. King, A.A. & **Hoyt, C.R.** 2026. The Pediatric Clinician's Assessment of School Readiness for Children with Sickle Cell Disease: Applying the ASH and AAP Guidelines. In *A Primer for Pediatric Clinicians: Management of Acute and Ongoing Sickle Cell Disease*. Elsevier, Philadelphia, PA. doi: <https://doi.org/10.1016/j.pcl.2025.08.006>

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Invited Publications

1. Occupational Therapy's Distinct Value: Children & Youth: Resource for Administrators and Policy Makers. (2015). American Occupational Therapy Association.
2. Occupational Therapy's Distinct Value: Children & Youth: Family Engagement. (2015). American Occupational Therapy Association.
3. *Wilson, S., Hunter-Bennett, C., Smith, C.R. & **Hoyt, C.R.** (2020). Occupational Therapy's Commitment to Diversity, Equity, and Inclusion. *American Journal of Occupational Therapy: Official Document*. (74). <https://doi.org/10.5014/ajot.2020.74S3002>
4. Piazza, R., **Hoyt, C.R.**, Urbin, M., Matthews, K., Sánchez, A. & Johnson, A. (2022). AOTA's Statement on Gun Violence. *American Journal of Occupational Therapy: Official Document*. 76(3). <https://doi.org/10.5014/ajot.2022.76S3009>
5. Matthews, K., Sánchez, A., Johnson, A., Piazza, R., **Hoyt, C.R.**, & Urbin, M. (2022). AOTA's Statement on Community Violence. *American Journal of Occupational Therapy: Official Document*. 76(3). <https://doi.org/10.5014/ajot.2022.76S3008>
6. *Barth, J., **Hoyt, C.R.** Evidence Perk: What is Implementation Science. (*Invited*). *OT Practice*, August 2021.
7. Lyon, S. & **Hoyt, C.R.** Which OT Degree? (OT, OTD, PPOTD & More!). (*Invited*). *OT Potential*, August 2022. <https://otpotential.com/blog/occupational-therapy-degree>
8. ***Hoyt, C.R.** (2023). Inclusive Language: Approaches for OT Practice, Research and Education. (*Invited*). *OT Practice*, February 2023.

Other Publications

1. **Hoyt, C.** (2011). Branching out: Occupational therapy for children with sickle cell disease. *OT Practice*, 16(14), 24-25.
2. Taff, S. & **Hoyt, C.** (2012). Going global in Guatemala: Supporting emerging occupational therapy practice in developing nations. *OT Practice*, 17 (21), 14-19.
3. **Hoyt, C.** (2013). Sickle cell disease in infants, children, and youth: Implications for rehabilitation and education. *Today in OT*. Gannett Education.
4. Harpster, K. & **Hoyt, C.** (2013). Sensory processing in autism. *Today in OT*. Gannett Education.
5. Reyes-Smith, C., **Hoyt -Drazen, C.** & Toth-Cohen, S. (2014). No hablo íngles: Working with non-English speaking clients. *OT Practice*, 19(22), 8-12.

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6. Wilson, S., Anvarizadeh, A., **Hoyt-Drazen, C.**, Holland, D., Kwebetchou, N., Reyes-Smith, C., & Skowronski, J. (2015). Diversity in the workforce: Perspectives from emerging leaders. *OT Practice, 20(21)*, 19-21.
7. **Hoyt-Drazen, C.**, Houston, A. & Van Voorhis, A. (2016). Career development: Securing a seat at the table. *OT Practice, 21(4)*, 19-20.
8. Kringle, E.A. & **Hoyt, C.R.** (2020). Establishing peer mentorship relationships for successful transition to research careers. *OT Practice, May 2020*, 26-27.
9. *DeJesus, M., Oliver-Derry, K., Baldwin, E., Anvarizadeh, A., Lancaster, S., **Hoyt, C.R.** (2021). Acting in 2021 for occupational justice: Acknowledging roles, creating conversations, and taking action. *OT Practice, May 2021*.
10. *Arroyo, A., Rogers, O., Carpenter, H., **Hoyt, C.R.** (2021). JEDI Training: Top 10 OT Readings for Getting Started in Justice, Equity, Diversity, and Inclusion. *OT Practice, June 2021*.
11. Connor, L.T., Taff, S. D., Millsap, M., **Hoyt, C.R.**, Houston, A.J., Harris, K.M., Pearson, A.C. (2021). Fostering dialogue on diversity, equity and inclusion through open space technology meetings. *OT Practice, June 2021*.
12. Thornton, K., Soberano, T., Smiley, A., Harris, K., **Hoyt, C.R.** (2023). The value of increasing representation in research. *OT Practice, August 2023*.
13. Cheatham Oberle, S., Bachelani, S., Harris, K., **Hoyt, C.R.**, Millsap, M., (2024). Calling In: Facilitating change by acknowledging human connection. *OT Practice, March 2024*.
14. Dewey, M., Wagner, A., **Hoyt, C.R.** (2025). Developmental Trauma as Acquired Neurodivergence: A Discussion on Identity & Belonging. *OT Practice, April 2025*.
15. Chang-Wright, N., Coffin, D., **Hoyt, C.R.** (2025). Building Trust and Community: A Vision for a Vibrant AOTA [Interview with Arameh Anvarizadeh]. *OT Practice, June 2025*
16. Yagual, J. M., & **Hoyt, C. R.** (2025). Increasing engagement with outpatient services for Spanish speaking families. *OT Practice, November 9-10*.

Selected Presentations and Accepted Abstracts

* indicates senior author, underline indicates trainee, **bold** indicates self or community partner

1. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (May 2009). Curriculum Module for Parents of Young Children with Sickle Cell Disease and Concurrent Assessment of Child Development. Midwest Dean's Conference. St. Louis, MO.
2. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (May 2010). Cognition in Children with Sickle Cell Disease. World Federation of Occupational Therapy. Santiago, Chile.

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3. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (September 2010). Development in Young Children with Sickle Cell Disease. Sickle Cell Disease Association of America. Washington, D.C.
4. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (April 2011). Comprehensive Assessment Of Young Children With Sickle Cell Disease: Practice Model For Occupational Therapy. American Occupational Therapy Association. Philadelphia, PA.
5. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (May 2011). Comprehensive Assessment Of Young Children With Sickle Cell Disease: Practice Model For Occupational Therapy. Midwestern Deans Conference. St. Louis, MO.
6. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (September 2011). Using The Parents As Teachers Curriculum To Assist Parents Of Young Children With Sickle Cell Disease. Sickle Cell Disease Association of America. Memphis, TN.
7. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (October 2011). Using a Cellular Phone to Increase Participation in a Home-Based Parent Education Program. Institute for Public Health, Washington University. St. Louis, MO.
8. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (April 2012). Development in Young Children with Sickle Cell Disease. American Occupational Therapy Association. Indianapolis, IN.
9. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (September 2012). Using a Cellular Phone to Increase Participation in a Home-Based Parent Education Program. Sickle Cell Disease Association of America. Baltimore, MD.
10. **Hoyt, C.R.**, Lindsey, T., Abel, R.A., King, A.A. (October 2012). Using a Cellular Phone to Increase Participation in a Home-Based Parent Education Program. Institute for Public Health, Washington University. St. Louis, MO.
11. **Hoyt, C.R.**, Lindsey, T., Houston, A., Abel, R.A., King, A.A. (April 2013). Relationship of home environment to developmental outcomes of young children with Sickle Cell Disease. American Occupational Therapy Association. San Diego, CA.
12. Reyes-Smith, C., **Hoyt, C.R.** (April 2013). Tech Tools for OT Practice With Spanish-Speaking Clients. American Occupational Therapy Association. San Diego, CA.
13. Reyes-Smith, C., **Hoyt, C.R.**, Toth-Cohen, S., Holland, D. (April 2013). No Hablo Ingles: Client-Centered Occupational Therapy Practice with Spanish-Speaking Clients. American Occupational Therapy Association. San Diego, CA.
14. Reyes-Smith, C., Anvarizadeh, A., Holland, D., **Hoyt, C.R.**, Kwebetchou, N., Wilson, S. (April 2014). Diversity in the Workforce: Perspectives from Emerging Leaders. American Occupational Therapy Association. Baltimore, MD.

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15. Chrzastowski, H., Baum, R., Hively, J., Hoyt, C., Taff, S. (April 2015). Evidence-Based Learning Experiences Developed to Achieve Occupational Therapy Ideals. American Occupational Therapy Association. Nashville, TN.
16. Chrzastowski, H., Baum, R., Hively, J., Hoyt, C., Taff, S. (April 2015). Becoming Globally-Connected: High Impact Approaches to Address Occupational Needs Using Low Tech in Developing Countries. American Occupational Therapy Association. Nashville, TN.
17. **Hoyt, C.R.,** Reyes-Smith, C., Anvarizadeh, A., Kwebetchou, N., Wilson, S., Skowronski, J. (April 2015). Actualizing the Centennial Vision: Promoting a Diverse Workforce. American Occupational Therapy Association. Nashville, TN.
18. Reyes Smith, C., **Hoyt, C.,** Suarez Balcazar, Y., & Stoffel, A. (April 2016). Terapia Pediátrica: Culturally-Responsive OT Practice with Spanish-Speaking Children and their Families. American Occupational Therapy Association. Chicago, IL.
19. **Hoyt, C.,** Reyes Smith, C., Wilson, S., Pearson, A., Anvarizadeh, A., Skowronski, J. & Kwebetchou, N. (April 2016). Developing a Diverse Workforce: Recruitment and Retention of a Diverse Occupational Therapy Student Body. American Occupational Therapy Association. Chicago, IL.
20. Chrzastowski, H., Baum, R., Taff, S., Hoyt, C. (April 2016). Bridging the Global Divide: Curriculum Development, Implementation, and Outcomes of International Service Learning. American Occupational Therapy Association. Chicago, IL.
21. **Hoyt, C.,** Nguyen, A., Everett, E., Berner, M., Koller, J., Ragan, D., & Dosenbach, N. (May 2016). Using Accelerometry to Describe Normative Motor Patterns across Development. Occupational Therapy Summit of Scholars. Pittsburgh, PA.
22. **Hoyt, C.,** Nguyen, A., Everett, E., Berner, M., Koller, J., Ragan, D., & Dosenbach, N. (September 2016). Using Accelerometry to Describe Normative Motor Patterns across Development. Flux Society of Cognitive Neuroscience. St. Louis, MO.
23. Reyes-Smith, C., Suarez-Balcazar, Y., **Hoyt, C.R.,** Colon, A., Stoffel, A., Husband, M. (April 2016). Terapia Pediátrica: Culturally-Responsive OT Practice with Spanish-Speaking Children and their Families. American Occupational Therapy Association. Chicago, IL.
24. Reyes-Smith, C., Anvarizadeh, A., **Hoyt, C.R.,** Wilson, S., Pearson, A.C., Skowronski, J., Kwebetchou, N. (April 2016). Developing a Diverse Workforce: Recruitment and Retention of a Diverse Occupational Therapy Student Body. American Occupational Therapy Association. Chicago, IL.
25. **Hoyt, C.,** Nguyen, A., Everett, E., Berner, M., Koller, J., Ragan, D., & Dosenbach, N. (April 2017). Using Accelerometry to Detect Upper Extremity Motor Deficits and Delays in Early Childhood. American Occupational Therapy Association. Philadelphia, PA.

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26. Oberle, S. C., **Hoyt, C.R.**, Mikush, C. & Chrzastowski, H. (April 2017). Development and Implementation of a Student Led Service-Learning Curriculum. Strategies and Recommendations. American Occupational Therapy Association. Philadelphia, PA.
27. **Hoyt, C.R.**, Jones, L. & Pearson, A. (April 2017). Development of Evidence Based Community Outreach: Programs to Promote Diversity Discussions. American Occupational Therapy Association. Philadelphia, PA.
28. Laumann, T. O., Gordon, E. M., Gilmore, A. W., Newbold, D. J., Greene, D. J., Berg, J. J., Ortega, M., **Hoyt-Drazen, C.**, Gratton, C., Sun, H., Hampton, J. M., Coalson, R. S., Nguyen, A., McDermott, K. B., Shimony, J. S., Snyder, A. Z., Schlaggar, B. L., Petersen, S. E., Nelson, S. M., Dosenbach, N. U. F. (2017). Precision functional mapping of individual human brains. Poster presentation at Society for Neuroscience conference, Washington, DC
29. Newbold, D. J., Miller, D. B., Laumann, T. O., Ortega, M., **Drazen, C. H.**, Coalson, R. S., Nguyen, A. L., Hampton, J. H., Nielsen, A. N., Nelson, S. M., Gilmore, A. W., Berg, J. J., Greene, D. J., Gordon, E. M., Gratton, C. Schlaggar, B. L., Petersen, S. E., Mitra, A., Raut, R. V., Snyder, A. Z., Dosenbach, N. U. F. (2017). Resting brain activity reflects behavioral history. Poster presentation at Washington University Neuroscience Retreat, Potosi, Illinois
30. Newbold, D. J., Laumann, T. O., Ortega, M., **Hoyt-Drazen, C.**, Coalson, R. S., Nguyen, A. L., Hampton, J., Nielsen, A. N., Nelson, S. M., Gilmore, A. W., Berg, J. J., Greene, D. J., Gordon, E. M., Gratton, C., Schlaggar, B. L., Petersen, S. E., Mitra, A., Raut, R. V., Snyder, A. Z., Dosenbach, N. U. F. (2017). High-fidelity individual-subject resting state connectivity and task functional MRI demonstrate neuroplasticity induced by two weeks of upper extremity immobilization. Poster presentation at Organization for Human Brain Mapping conference, Vancouver, Canada
31. Newbold, D. J., Laumann, T. O., Ortega, M., **Drazen, C. H.**, Coalson, R. S., Nguyen, A. L., Hampton, J. M., Nielsen, A. N., Nelson, S. M., Gilmore, A. W., Berg, J. J., Greene, D. J., Gordon, E. M., Gratton, C., Schlaggar, B. L., Petersen, S. E., Mitra, A., Raut, R. V., Snyder, A. Z., Dosenbach, N. U. F. (2017). High-fidelity functional MRI detects neuroplasticity following upper extremity immobilization. Poster presentation at Hope Center for Neurological Diseases Retreat, St. Louis, Missouri
32. Newbold, D. J., Laumann, T. O., Ortega, M., **Drazen, C. H.**, Coalson, R. S., Nguyen, A. L., Hampton, J. M., Nielsen, A. N., Nelson, S. M., Gilmore, A. W., Berg, J. J., Greene, D. J., Gordon, E. M., Gratton, C., Schlaggar, B. L., Petersen, S. E., Mitra, A., Raut, R. V., Snyder, A. Z., Dosenbach, N. U. F. (2017). High-fidelity functional MRI detects neuroplasticity following upper extremity immobilization. Poster presentation at Washington University Medical Scientist Training Program Retreat, Potosi, Illinois
33. Newbold, D. J., Laumann, T. O., Ortega, M., **Drazen, C. H.**, Coalson, R. S., Nguyen, A. L., Hampton, J. M., Nielsen, A. N., Nelson, S. M., Gilmore, A. W., Berg, J. J., Greene, D. J., Gordon, E. M., Gratton, C., Schlaggar, B. L., Petersen, S. E., Mitra, A., Raut, R. V., Snyder, A. Z., Dosenbach, N. U. F. (2017). High-fidelity functional MRI detects neuroplasticity

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following upper extremity immobilization. Poster presentation at Klingenstein Third Generation Fund National Medical Student Conference, New Haven, Connecticut

34. **Hoyt, C.R.**, Van, A., Ortega, M., Koller, J., Everett, E.A., Nguyen, A., Lang, C.E., Schlaggar, B.L. & Dosenbach, N.U.F. (June 2018). Accelerometry for the Early Detection of Motor Deficits in Children. Occupational Therapy Summit of Scholars. Kansas City, KS.
35. **Hoyt, C.R.**, Van, A., Ortega, M., Koller, J., Everett, E.A., Nguyen, A., Lang, C.E., Schlaggar, B.L. & Dosenbach, N.U.F. (August 2018). Accelerometry for the Early Detection of Motor Deficits in Children. Flux Society of Cognitive Neuroscience. Berlin, Germany.
36. **Hoyt, C.R.**, Van, A., Ortega, M., Koller, J., Everett, E.A., Nguyen, A., Lang, C.E., Schlaggar, B.L. & Dosenbach, N.U.F. (October 2018). Accelerometry for the Early Detection of Motor Deficits in Children. American Academy of Cerebral Palsy and Developmental Medicine. Cincinnati, OH.
37. Newbold, D. J., Laumann, T. O., **Hoyt, C. R.**, Miller, D. B., Hampton, J. M., Ortega, M., Raut, R. V., Marek, S., Nielsen, A. N., Greene, D. J., Shimony, J. S., Barch, D. M., Schlaggar, B. L., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F. (2018). Use-driven plasticity in human brain networks. Oral presentation at Washington University Neuroscience Retreat, Potosi, Illinois
38. Newbold, D. J., Laumann, T. O., Miller, D. B., Ortega, M., **Hoyt, C. R.**, Hampton, J. M., Nielsen, A. N., Greene, D. J., Schlaggar, B. L., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F. (2018) Prolonged arm constraint drives dramatic reorganization of human brain networks. Poster presentation at Flux Congress, Berlin, Germany
39. Fontes, A.M., Grabill, M.S., Hoyt, C.R., Oberle, S.C., Chrzatowski, H., Milton, L.E. (April 2019). Evaluating the Effectiveness of International Service Learning on the Development of Cultural Sensitivity Skills in Occupational Therapy Students. American Occupational Therapy Association. New Orleans, LA.
40. Chuck, A., Hoyt, C.R., Pilney, L., Fernandez, J., Abel, R. & King, A.A. (April 2019). Psychometric properties of the Infant Toddler Activity Card Sort (ITACS). American Occupational Therapy Association. New Orleans, LA.
41. **Hoyt, C.R., Fernandez J.D., Varughese, T.E., Grandgeorge, E., Manis, H.E., O'Connor, K.E., Chuck, A., Fisher, L.C., Abel, R. & King, A.A.** (April 2019). Development of the Infant Toddler Activity Card Sort (ITACS). American Occupational Therapy Association. New Orleans, LA.
42. **Hoyt, C.R.**, Van, A., Ortega, M., Koller, J., Everett, E.A., Nguyen, A., Lang, C.E., Schlaggar, B.L. & Dosenbach, N.U.F. (April 2019). Early Detection of Pediatric Motor Deficits with Accelerometry. American Occupational Therapy Association. New Orleans, LA.
43. Newbold, D. J., Laumann, T. O., **Hoyt, C. R.**, Hampton, J. M., Ortega, M., Nguyen, A. L., Miller, D. B., Marek, S., Nielsen, A. N., Montez, D. F., Adeyemo, B., Schlaggar, B. L.,

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- Greene, D. J., Gordon, E. M., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F. (2019) Pulses of spontaneous activity drive functional connectivity changes in disused brain networks. Poster presentation at Organization for Human Brain Mapping conference, Rome, Italy
44. Newbold, D. J., Laumann, T. O., **Hoyt, C. R.**, Hampton, J. M., Ortega, M., Nguyen, A. L., Miller, D. B., Marek, S., Nielsen, A., Montez, A., Adeyemo, B., Schlaggar, B. L., Greene, D. J., Gordon, E. M., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F. (2019) Disuse drives plasticity in human brain networks. Oral presentation at Organization for Human Brain Mapping conference, Rome, Italy
45. Newbold, D. J., Gordon, E. M., Laumann, T. O., **Hoyt, C. R.**, Hampton, J. H., Ortega, M., Raichle, M. E., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F., (2020) Pulses of spontaneous activity drive functional connectivity changes in disused brain networks. Poster presentation at Klingenstein Third Generation Fund National Medical Student Conference, New Orleans, Louisiana
46. **Hoyt, C.R.**, Chuck, A., Varughese, T., Fisher, L., Manis, H.E., Wong, A.W.K., Abel, R.A. & King, A.A. (cancelled, COVID-19). Psychometrics of the Infant-Toddler Activity Card Sort: A Caregiver-Reported Measure of Children’s Occupational Engagement in Family Routines. Occupational Therapy Summit of Scholars. Fort Collins, CO.
47. **Hoyt, C.R.**, Chuck, A., Varughese, T., Fisher, L., Abel, R.A. & King, A.A. (cancelled, COVID-19). Psychometrics of the Infant-Toddler Activity Card Sort. American Occupational Therapy Association. Boston, MA.
48. Grootwassink, T., Weber, C., **Hoyt, C.R.**, Oberle, S.C. & Milton, L. (cancelled, COVID-19). Evaluation of a Curriculum on Efficacy in Preparing Students for an International Service-Learning Trip. American Occupational Therapy Association.
49. Nguyen, A., Sherman, E., Hoyt, C.R. & Anvarizadeh, A. (cancelled, COVID-19). Developing a COTAD Chapter to Enhance OT Student Leadership in Diversity and Inclusions: A Case Study. American Occupational Therapy Association.
50. Lambert, M., Valencia, H., Skowronski, J. & **Hoyt, C.R.** (cancelled, COVID-19). A Developing Mentorship Program for Underrepresented OT Students & Practitioners: Lessons Learned & Future Directions. American Occupational Therapy Association.
51. Newbold, D. J., Gordon, E. M., Laumann, T. O., **Hoyt, C. R.**, Hampton, J. M., Ortega, M., Raichle, M. E., Petersen, S. E., Snyder, A. Z., Dosenbach, N. U. F., (2020). Cingulo-opercular network connects to disused motor circuits via spontaneous activity pulses. Poster presentation at Organization for Human Brain Mapping conference, online
52. Harris, K., L’Hotta, A., **Hoyt, C.R.**, Treadwell, M., King, A.A. (2021). Establishing a Research-School Partnership to Support School-Based Asthma Management. Society for Research in Child Development. Virtual.

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53. **Hoyt, C.R.**, L'Hotta, A., Bauer, A., Chang, C.H., Varughese, T., King, A.A.. (2021). Activity Engagement among Infants and Toddlers with Developmental Disabilities: Rasch Analysis of the Infant Toddler Activity Card Sort (ITACS). American Occupational Therapy Association. Virtual.
54. **Hoyt, C.R.**, Varughese, T., White, D., King, A.A. (2021). Early Detection of Developmental Delay in Infants and Toddlers with Sickle Cell Disease. *Works in Progress*. Occupational Therapy Summit of Scholars. Virtual.
55. Chang, N., Higgens, S., Bryant, K. & **Hoyt, C. R.** (2022). Be in the Room Where it Happens: DEI and OT. American Occupational Therapy Association. San Antonio, TX.
56. **Hoyt, C.R.**, Erickson, J., Luo, L., Houston, A., King, A. A. (2022). Parent and Provider Perspectives on a Developmental Screening and Therapy Referral Program for Children 0-3 Years with Sickle Cell Disease. American Occupational Therapy Association. San Antonio, TX.
57. **Hoyt, C.R.**, Erickson, J., Luo, L., Houston, A., King, A. A. (2022). Parent and Provider Perspectives on a Developmental Screening and Therapy Referral Program for Children 0-3 Years with Sickle Cell Disease. Institute for Clinical and Translational Sciences, Washington University School of Medicine. St. Louis, MO.
58. **Hoyt, C.R.**, Erickson, J., Luo, L., Houston, A., King, A. A. (2022). Parent and Provider Perspectives on a Developmental Screening and Therapy Referral Program for Children 0-3 Years with Sickle Cell Disease. Society for Research in Child Development. St. Louis, MO.
59. Schwartz, J.K., Kringle, E., Harris, K., **Hoyt, C.R.**, & Burns, S. (In 2023). Inequities in cardiovascular outcomes, adherence to preventative guidelines, and the impact of race-based systemic barriers on health management. *American Occupational Therapy Association*. Kansas City, MO, United States.
60. Castellanos, D., **Hoyt, C.R.**, Kniepmann, K., Harris, K., Furio, H. (2023). Furthering Diversity, Community, & Leadership in the Field of OT: Occupational Therapy: The Development of a High School Mentorship Program [Poster presentation]. *American Occupational Therapy Association*. Kansas City, MO, United States.
61. Hamed, R., Higgins, S., Jedlicka, J., **Hoyt, C.R.**, Hamdan, S., Bryant, K. (2023). Investing in a Culture of Inclusion: Strategy Building for Recruiting & Retaining a Diverse Faculty [short course presentation]. *American Occupational Therapy Association*. Kansas City, MO, United States.
62. **Hoyt, C.R.**, Clifton, M., Smith, C.R., Taff, S.D. (2023). Transforming OT for the 21st Century: Recognize Privilege, Acknowledge Injustice, Reframe Perspective, & Reach Equity Model [Poster presentation]. *American Occupational Therapy Association*. Kansas City, MO, United States.

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63. Weaver, J., Juckett, L., Kinney, A., **Hoyt, C.R.** (2023). Exploring the Barriers to & Facilitators of Advancing Evidence-Based Practice Using Implementation Science [Poster presentation]. *American Occupational Therapy Association*. Kansas City, MO, United States.
64. **Hoyt, C.R.**, Hamed, R., Bryant, K., Hamdan, S., Jedlicka, J., Higgins, S., Harris, K., (2023). Investing in a Culture of Inclusion: Strategy Building for How to Create an Inclusive Classroom Environment—Part 1 [short course presentation]. *American Occupational Therapy Association*. Kansas City, MO, United States.
65. Han, T., **Hoyt, C.R.**, Britts, R. (2023). Mental Health among Caregivers of Children with Sickle Cell Disease. Rare Diseases Day at Washington University School of Medicine. St. Louis, MO.
66. Proffitt, R., Kraus, B., Jozkowski, A. C., Shea Lemoins, S., Kersey, J., Brick, R., Schwartz, J. K., & **Hoyt, C. R.** (2023). MeTooOT: Sexual harassment experiences of occupational therapy academic and systemic change recommendations. OT Summit of Scholars. Columbus, OH.
67. Proffitt, R. M., Kraus, B. G., Jozkowski, A. C., Kersey, J., Brick, R. S., Schwartz, J., **Hoyt, C. R.**, & Shea Lemoins, S., N. (2023). MeTooOT: Sexual harassment experiences of occupational therapy academic and recommendations for systemic change [paper presentation]. American Congress of Rehabilitation Medicine Annual Conference, Atlanta, GA.
68. Kraus, B. G., Jozkowski, A. C., S., Schwartz, J., Proffitt, R. M., Shea Lemoins, S., N., Kersey, J., Brick, R., & **Hoyt, C. R.** (2023). #MeTooOT: Implications of Sexual Harassment on the Future of Occupational Science and Occupational Therapy Research [paper presentation]. Society for Study of Occupation: USA Annual Conference, St.Louis, MO.
69. Schwartz, J.K., Proffitt, R., Jozkowski, A., Comparato, B., **Hoyt, C.**, Brick, R., & Lemoins, S.S. (2024). Sexual harassment in Occupational Therapy: Protecting our workforce. *American Occupational Therapy Association Inspire*. Orlando, FL.
70. Larson, S., Moore, H., Smith, A., Aravamuthan, B., Ramey, S., Antonoff, K., **Hoyt, C.** (2024, March). Constraint-induced movement therapy (CIMT) for pediatric hemiplegia: Clinical landscape and barriers to widespread implementation [Poster presentation]. AOTA conference. Orlando, Florida.
71. Coxon, M.L., **Hoyt, C.R.**, & Smith, A. (2023). Increasing access to pediatric constraint-induced movement therapy (CIMT) in the St. Louis region [Poster presentation]. Public Health at WashU Annual Conference, St. Louis, Missouri.
72. **Hoyt, C.R.**, Gharamani, S., L'Hotta, A., Harris, K., Thornton, K., Han, T., Lipsey, K., Juckett, L., Geng, E. (2023). From Theory to Practice: A Scoping Review of Implementation Strategies in Pediatric Rehabilitation [Poster presentation]. *Academy Health Dissemination and Implementation Annual Meeting*. Washington D.C.

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73. **Hoyt, CR.**, King, AA., Heitzer, A., MacArthur, E., Wilson, A., Leaver, H.; Utilization of Early Intervention Among Children with Sickle Cell Disease. *Blood* 2023; 142 (Supplement 1): 3737. doi: <https://doi.org/10.1182/blood-2023-180852>
74. Coxon, M.L., Cheatham Oberle, S., **Hoyt, C.R.**, & Smith, A. (2024, February 29). *Application and measurement of constraint-induced movement therapy (CIMT) for infants and toddlers with cerebral palsy* [Short presentation]. Washington University School of Medicine Rare Disease Day Symposium, St. Louis, MO.
75. Gharamani, S., **Hoyt, C.R.**, L'Hotta, A., Harris, K., Thornton, K., Han, T., Lipsey, K., Juckett, L., Geng, E. (2024). From Theory to Practice: A Scoping Review of Implementation Strategies in Pediatric Rehabilitation. *Pediatric Academic Societies*. Toronto, Canada.
76. **Hoyt, CR.**, Britts, R., Moore, H., Caldwell, M., Kersey, J., King, A.A. (2024). *Strategies for developing successful community partnerships for sickle cell disease* [Poster presentation]. AOTF Engage. Alexandria, VA.
77. Caldwell, M., Moore, H., Kersey, J., *Britts, R.*, King, A.A., **Hoyt, CR.** (2024). *Identifying strategies for successful community partnerships in St. Louis* [Poster presentation]. Institute for Public Health Annual Meeting at Washington University School of Medicine. St. Louis, MO.
78. Wagner, A., West-Bruce, S., **Hoyt, C.R.** (2024). *Lift as you Climb: Tips to enhance the mentorship and supervision support for learners and colleagues with targeted identities*. Missouri Occupational Therapy Association. St. Louis, MO.
79. Liff, L., **Hoyt, C.R.** (2024). *Opportunities for Occupational Therapy with the American Occupational Therapy Foundation*. Missouri Occupational Therapy Association. St. Louis, MO.
80. **Hoyt, C.R.**, MacArthur, E., Houston, A.J., Hankins, J.S., King, A.A. (2024). *Caregivers of Children with Sickle Cell Disease are Scared: Strategies to Increase Developmental Screening Should be Paced and Sequenced* [Poster presentation]. Academy Health 17th Annual Conference on the Science of Dissemination and Implementation. Arlington, VA.
81. Miller, A., Lohse, K., Bland, M., Konrad, J., **Hoyt, C.**, Lenze, E., Lang, C. (2025). *Advancing Rehabilitation Research and Practice through Data Harmonization: Harmonizing 10+ Years of Wearable Sensor Data*. American Physical Therapy Association. Houston, TX.
82. Bell, K., Lang, C., **Hoyt, C.**, Konrad, J., Marrus, N., Bland, M., Lohse, K., Miller, A. (2025). *Referent Accelerometry Data of Upper Limb Behavior: Harmonized Data from Three Cohorts of Typically-Developing Children*. American Physical Therapy Association. Houston, TX.
83. **Hoyt, C. R.**, Moore, H., Caldwell, M., **Britts, R.**, Kersey, J., & King, A. A. (2025, May). *Successful sickle cell disease partnerships require balance: Academic leadership with*

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authentic community voice [Poster presentation]. American Society of Pediatric Hematology and Oncology Annual Meeting, Louisville, KY, United States.

84. **Hoyt, C., Antonoff, K.,** Moore, H., **Larson, S.,** Houston, A., & King, A. (2025, September). *Exploring caregiver insights for early intervention for children with sickle cell disease* [Poster presentation]. International Society of Early Intervention Conference, Lisbon, Portugal.
85. *Moore, H.G., **Larson, S.C., Griffith, M.,** Houston, A., **Antonoff, K., Britts, R.,** King, A.A., **Hoyt, C.R.** (2025, November). Understanding caregiver needs: Insights from caregivers of children with sickle cell disease [Poster presentation]. American Public Health Association Annual Meeting, Washington, DC, United States.
86. Taff, S., Hamed, R., **Hoyt, C.,** Muñoz, J., & Anvarizadeh, A. (2025, November 14). *Generative disruptive questions: A framework for improving access and belonging in occupational therapy education programs* [Platform presentation]. American Occupational Therapy Association Education Summit, Salt Lake City, UT, United States.
87. Martin, A., Murdaugh, D., Heitzer, A., Longoria, J., Santos-Modesitt, W., Cavazos, J., Schatz, J., **Hoyt, C.,** King, A., Lance, E., Hardy, S., Treadwell, M. & Schlenz, A. (2026, February 4-7). *Clinical Models of Care in Sickle Cell Disease: Development of Standards and Recommendations for Neurocognitive Assessment from the NASCC Neurocognitive Workgroup*. In D. Murdaugh (Chair), *Improving Access to Quality Neuropsychological Assessment and Intervention in Sickle Cell Disease Across the Lifespan* [Symposium]. International Neuropsychological Society Annual Meeting.

Honorary Talks

1. Plenary Speaker. Beyond the Buzzwords: Maximizing Participation through Inclusion, Illinois State Occupational Therapy Association Annual Meeting, Chicago, Illinois; September 2018.
2. Invited panelist. AOTA Inspire: Inclusivity and Client-Centered Practice. Virtual Panelist. April 2021.
3. Commencement Address. Applying OT Lessons to Take Action for Inclusion. Washington University, Program in Occupational Therapy, St. Louis, Missouri; May 2021.
4. Invited Workshop. Volunteer Leadership: Cultivating the Next Generation of Occupational Therapy Leaders. Occupational Therapy Association of California. Los Angeles, California; June 2021.
5. Invited Workshop. Inclusive Fieldwork Education. Gateway Occupational Therapy Education Council. June 2022.
6. Invited Research Lecture. Research and Clinical Practice: How Clinical Practice Informs Research. University of Tennessee Health Sciences. August 2022.
7. Coalition of Occupational Therapy Advocates for Diversity. 10th Anniversary Founders

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Discussion and Luncheon. April 2023.

Invited Presentations

1. **Speaker.** First Steps and Parents as Teachers. ARCH's Health and Safety Institute for Early Childhood and Youth Development Professionals. Harris Stowe University, 2013
2. **Speaker.** Intervention Techniques for Working with Children with Special Needs. Continuing Education Series for Daycare Providers: St. Louis Community College, 2014
3. **Speaker.** Pediatric Chat for Spanish-Speaking Clients, American Occupational Therapy Association, Podcast, Spring 2015.
4. **Speaker.** Working with Non-Native English speakers, American Occupational Therapy Association, Podcast, Spring 2015.
5. **Workshop.** Building Your Skills for In-Home Visits with Families Workshop, Brown School of Social Work Education Series, St. Louis, Missouri; March 2015.
6. Outside the Classroom with an Occupational Therapist, Invited Interview for TEACH.com, September 2016.
7. **Speaker.** Neurological Conditions and Child Development Panel, Missouri Occupational Therapy Association, St. Louis, Missouri; October 2016.
8. **Speaker.** Promoting a Diverse Occupational Therapy Workforce, Gateway Occupational Therapy Education Council, St. Louis, Missouri; July 2018.
9. **Plenary Speaker.** Beyond the Buzzwords: Maximizing Participation through Inclusion, Illinois State Occupational Therapy Association Annual Meeting, Plenary Speaker, Chicago, Illinois; September 2018.
10. **Speaker.** Understanding Bias: Strategies for Culturally Responsive Care, Saint Louis University, Program in Occupational Therapy. St. Louis, Missouri; December 2018.
11. **Speaker.** Professional Issues in Occupational Therapy: Leadership. Medical University in South Carolina. Charleston, South Carolina. 2018, 2019
12. **Facilitator.** Journal Club: Relationship of Spontaneous Movements of Preterm Infants to Caregiver Interaction; Department of Developmental Neurology, University of Groningen. Groningen, Netherlands; July 2019.
13. **Speaker.** Evidence Based Strategies for Culturally Responsive Care, Saint Louis University, Program in Occupational Therapy. St. Louis, Missouri; November 2019.
14. **Speaker.** Women + Femme in STEM, Saint Louis University; November 2019.
15. **Speaker.** Pediatric Occupational Therapy, Harris-Stowe State University, February 2020

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16. AOTF: Addressing the Need for More Evidence in OT: Issues Impacting OT Research Related to Funding Opportunities, Diversity and Scholarly Training, American Occupational Therapy Association; March 2020 (canceled, COVID-19)
17. **Speaker.** Emotional Intelligence during the OTD Capstone Project and Beyond. Medical University in South Carolina. Charleston, South Carolina; February 2021.
18. **Speaker.** Diversity, Equity and Inclusion in Occupational Therapy. Xavier University; February 2021.
19. **Speaker.** Creating New Pathways in Occupational Therapy: Inclusion is the What, Why and How. Stanbridge University; February 2021.
20. **Panelist.** AOTA Inspire: AOTA Invited Panel: Inclusivity and Client-Centered Practice. Panelist. Virtual; April 2021.
21. **Speaker.** Occupational Therapy and Social Justice: What do we do next? Stanbridge University; June 2021.
22. **Conversation with the Authors.** Medical University of South Carolina, COTAD Chapter. Occupational Therapy's Commitment to Diversity, Equity and Inclusion. *American Journal of Occupational Therapy: Official Document*. Panelist. July 2021.
23. **Speaker.** Developing an Organization in Occupational Therapy: Lessons Learned and Strategies for Success. Occupational Therapists for Ecological Action. October 2021.
24. **Panelist.** Kids and COVID: A Question about Masking. Pitch Partners, Center for Community Health Partnership and Research, Institute for Public Health and Institute of Clinical and Translational Sciences at Washington University. October 2021.
25. **Panelist.** Don't Ignore the Tipping Point Article Discussion. Coalition of Occupational Advocates for Diversity (COTAD) Book+ Club. November 2021.
26. **Speaker.** Diversity, Equity and Inclusion in Occupational Therapy. Stanbridge University; February 2022; June 2022.
27. **Speaker.** Diversity, Equity and Inclusion. Leadership and Supporting Students. Brenau University; July 2022.
28. **Speaker.** Diversity, Equity and Inclusion in OT Education: AOTA DEI Initiatives and Resources. Keiser University; September 2022.
29. **Panelist.** Interprofessional Leadership Lunchtime Series. Entrepreneurship in Healthcare- Research, Practice, and Education. Medical University of South Carolina, College of Health Professions; November 2022.
30. **Panel Facilitator.** Intersection of Social Determinants of Health and Implementation Science, in Excellent in Career Development for SDoH and Implementation Research.

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National Institutes of Health, National Heart, Lung and Blood Institute; December 2022. Virtual.

31. **Speaker.** Early Childhood Development in Sickle Cell Disease: Screening and Intervention. I-ACQUIRE Principal Investigators Committee; April 2023. Webinar.
32. **Roundtable Discussant and Invited Speaker.** Diversity, Equity, and Inclusion in Rehabilitation Research. American Society of Neurorehabilitation. Charleston, South Carolina, USA. March 2023.
33. **Invited Panelist.** Developing a Career in Pediatric Rehabilitation Research. American Academy of Cerebral Palsy and Developmental Medicine. Chicago, IL, USA. September 2023.
34. **Invited Discussant.** Upper Extremity Free Paper Session. American Academy of Cerebral Palsy and Developmental Medicine. Chicago, IL, USA. September 2023.
35. **Invited Panelist.** Shaping an Inclusive Future: Diversity, Equity and Inclusion in Occupational Therapy. Missouri Occupational Therapy Association. St. Louis, MO, USA. October 2023.
36. **Guest lecture.** Collaborative and Interdisciplinary Science. Goldfarb School of Nursing, PhD seminar. February 2024, March 2025.
37. **Invited Panelist.** How My Research in Occupational Therapy Informs Practice, and Elevates Equity, Justice and Human Potential: An Interactive Panel. American Occupational Therapy Foundation, Institute for Future Scientists in Occupational Therapy. Orlando, FL, USA. March 2024.
38. **Invited Panelist.** Applied and Interdisciplinary Perspectives to Support Ethnic and Racial Issues within Child Development. *Society for Research in Child Development*. Webinar. January 2024. <https://www.srcd.org/event/applied-and-interdisciplinary-perspectives-support-ethnic-and-racial-issues-within-child>
39. **Invited Speaker.** Facilitators and Barriers to Increasing Implementation of Constraint Induced Movement Therapy. I-ACQUIRE Principal Investigators Committee; March 2024. Webinar.
40. Harris, K.M. & Hoyt, C.R. **Invited Speakers.** Demystifying research podcast as a dissemination tool: Relationship to Implementation Science. Collaborative for Leadership in Ayers Sensory Integration (CLASI) Monthly Research Webinar. July 2024. <https://www.cl-asi.org/webinar-library>
41. **Invited Panelist.** Hoyt, C.R. American Academy of Cerebral Palsy and Developmental Medicine. Early career awards and navigating funding. October 2024. Pre-Recorded and Presented.
42. **Invited Speaker.** Barnes-Jewish Hospital Patient Family Advisory Council (PFAC) for Sickle Cell Disease. Occupational Therapy to Support Sickle Cell Disease Warriors. November 2024. Virtual.

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43. **Invited Speaker.** Representative Assembly (RA) for the American Occupational Therapy Association. Building an Inclusive OT Practice Through Language. January 2025. Virtual.
44. **Invited Speaker.** Medical Rehabilitation Research Resource Network (MR3) Retreat. C-PROGRESS Mentored Scholarship. April 2025. Virtual.
45. **Invited Panelist. Hoyt, C.R.,** Johnson, K., Hamed, R.. How My Research in Occupational Therapy Informs Practice, and Elevates Equity, Justice and Human Potential: An Interactive Panel. American Occupational Therapy Foundation, Institute for Future Scientists in Occupational Therapy. Philadelphia, PA, USA. April 2025.

Other Media

Newspaper

1. Winters. A. (2023, September 19). Raising awareness of sickle cell disease. *St. Louis American*. https://www.stlamerican.com/raising-awareness-of-sickle-cell-disease/article_b6b59252-5717-11ee-a969-cf16e85b6790.html and *KDSK News*. <https://www.ksdk.com/article/news/local/the-st-louis-american/awareness-sickle-cell-disease/63-7ff9165e-e25a-4981-a4d7-f8a40387db19>

Podcasts

1. American Occupational Therapy Association. (Producer). Reyes-Smith, C. & Hoyt-Drazen, C (Authors). (2015). Working with non-native English speakers. [Audio podcast].
2. American Occupational Therapy Association. (Producer). Reyes Smith, C. & Hoyt Drazen, C. (2015). AOTA Live Pediatric Chat for Spanish-speaking clients. [Audio recording].
3. On the Air Podcast Hosted by Stephanie Lancaster. (Producer). Hoyt, C. R. (2017). Advocacy and Innovation. [Audio recording].
4. OT Potential. Sarah Lyon. (Producer). Disparities in Supports for Autism in Latino Families: Discussing the Research with Cristina Reyes Smith & Catherine Hoyt. (2021). [https://podcasts.apple.com/us/podcast/ot-potential-podcast-occupational-therapy-ceus/id1457380767].
5. OT Potential. Sarah Lyon. (Producer). Constraint-Induced Movement Therapy in Pediatrics with Catherine Hoyt. (2022). [https://podcasts.apple.com/us/podcast/ot-potential-podcast-occupational-therapy-ceus].
6. Harris, K. & Hoyt, C.R., Washington University School of Medicine, Program in Occupational Therapy (producers). (Sept 2022-Present), *Demystifying Research*. [https://sites.wustl.edu/demystifyingresearch/]

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7. Moxie OT. Sarah Zera. (Producer). The Role of Researchers in Allied Health Professions with Catherine Hoyt and Kelly Harris. (2023). [<https://www.moxieot.com/podcast/kelly-harris-and-catherine-hoyt>]
8. HealthHATS Podcast, Guest. Danny van Leeuwen. (Producer). Nothing About Us Without Us: How NGO's are Revolutionizing Implementation Science. (2025). [<https://www.youtube.com/watch?v=MltmPGlMaY4>]

Videos/Webinars

1. Working to Improve Sickle Cell Healthcare (WISCH) Transition Affinity Group, National Institute for Children's Health Quality. (Producer). Moving on Up to Adult Hematology. (2013). [<http://sicklecell.nichq.org/solutions/working-to-improve-sickle-cell-healthcare>]
2. Washington University in St. Louis. (Producer). Program in Occupational Therapy: PhD Alumna Catherine Hoyt. (2020). [<https://www.youtube.com/watch?v=gmBkIZwMVqo>]
3. Washington University in St. Louis. (Producer). Catherine Hoyt's Graduate Leadership Credential. (2019). [https://www.youtube.com/watch?v=B-_nCRUtRCo]
4. KDSK News. (Producer). Detecting Brain Damage in Infants. (2019). [<https://www.youtube.com/watch?v=2xjt6VNqGrU>]
5. Harris, K. & **Hoyt, C.R.**, Washington University School of Medicine, Program in Occupational Therapy (producers). (July 2021-Sept 2022), *First Fridays for OT Research Monthly Series*. <https://youtube.com/playlist?list=PL-xtHBgVuHv60-mpMHMCEpppMhh-0bYXY>
6. Dorvilien, J., & **Hoyt, C.** (Host). Dorvilien, C., Hurley, G., Loud, E., & Williams, L. (Panelist). (2024, February 20). *Improving Sickle Cell Care: The Role of Occupational Therapy* [Webinar]. American Occupational Therapy Association. https://myaota.aota.org/shop_aota/product/OL8681

Conferences/Workshops/Training

- 2025 International Society for Early Intervention. Lisbon, Portugal.
- 2025 Occupational Therapy Summit of Scholars. Seattle, WA.
- 2025 American Society of Pediatric Hematology and Oncology, Louisville, KY.
- 2025 American Occupational Therapy Association. Philadelphia, PA.
Content Expert for AOTF Future Scientists Panel.
- 2024 Academy Health 17th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C
- 2024 Lead Your Lab! Management Skills for Scientists, 2 day workshop with Carl Cohen, PhD. Office of Faculty Promotions & Career Development. Washington University in St. Louis. St. Louis, MO.

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- 2024 Content Expert for AOTA. Early Childhood Intervention Personnel Center for Equity. University of Connecticut, Avon, CT. *July and October 2024*
- 2024 Realist Reviews and Realist Evaluations short course. Oxford University, Oxford, UK.
- 2024 American Occupational Therapy Association, Orlando, FL.
- 2023 Academy Health 16th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C
- 2023 Invited Participant. American Occupational Therapy Foundation, Grant Collective on Functional Cognition. Alexandria, VA.
- 2023 American Academy of Cerebral Palsy and Developmental Medicine. Chicago, IL.
- 2023 National Alliance for Sickle Cell Centers, Invited Participant. Las Vegas, NV
- 2023 American Occupational Therapy Association, Kansas City, MO.
- 2023 American Society for Neurorehabilitation. Charleston, SC.
- 2022 Academy Health 15th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C.
- 2022 Human-Centered Design for Implementation & Impact. University of Wisconsin-Madison, Dissemination & Implementation Launchpad. Madison, WI.
- 2022 Society for Research in Child Development: Toward a Holistic Developmental Science: Catalyzing Transdisciplinary Multi-Sector Collaborations to Understand and Support Human Development.
- 2022 Occupational Therapy Summit of Scholars, Madison, WI.
- 2022 American Occupational Therapy Association, San Antonio, TX.
- 2022 Workshop in Implementation Science and Health Services: Advancing Grant Writing Skills for Rehabilitation Researchers, Washington, D.C.
- 2021 Journal Club on Race and Science, Race & Opportunity Lab. Brown School of Social Work at Washington University. Virtual.
- 2021 American Occupational Therapy Association, Virtual.
- 2021 Capstone and Mentorship as Scholarship, Northern Arizona University. Virtual.
- 2020 13th Annual Conference on the Science of Dissemination and Implementation in Health. Virtual.
- 2020 American Occupational Therapy Association, Virtual.
- 2020 Dissemination and Implementation Research: An Introductory Workshop for Investigators, Clinical Research Training Center, Washington University School of Medicine in St. Louis
- 2020 Rehabilitation Research at NIH: Envisioning a Functional Future. Virtual.
- 2020 COTAD Live! Diversity, Equity and Inclusion in Occupational Therapy. Virtual.
- 2019 Developmental Changes in Paediatric Neurodisability, Groningen, Netherlands.
- 2019 American Occupational Therapy Association, New Orleans, LA.
- 2018 American Academy of Cerebral Palsy and Developmental Medicine. Cincinnati, OH.
- 2018 Illinois Occupational Therapy Association Annual Meeting. Chicago, IL.
- 2018 Flux Society of Cognitive Neuroscience. Berlin, Germany.
- 2018 Occupational Therapy Summit of Scholars. Kansas City, KS
- 2018 American Occupational Therapy Association, Salt Lake City, UT
- 2017 American Occupational Therapy Association, Philadelphia, PA
- 2016 American Occupational Therapy Association Academic Leadership Council Meeting.

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- San Diego, CA
- 2016 Society for Integrative Developmental Cognitive Neuroscience. St. Louis, MO
- 2016 Comprehensive Opportunities for Rehabilitation Research Training Workshop. Pittsburgh, PA.
- 2016 American Occupational Therapy Association, Chicago, IL
- 2016 Occupational Therapy Summit of Scholars. Pittsburgh, PA
- 2016 Rehabilitation Research at NIH: Moving the Field Forward. Bethesda, MD
- 2015 American Occupational Therapy Association, Nashville, TN
- 2014 American Occupational Therapy Association, Baltimore, MD
- 2013 American Occupational Therapy Association, San Diego, CA
- 2012 American Occupational Therapy Association, Indianapolis, IN
- 2011 American Occupational Therapy Association, Philadelphia, PA
- 2011 Sickle Cell Disease Association of America, Memphis, TN
- 2010 Sickle Cell Disease Association of America, Washington D.C.
- 2010 World Federation of Occupational Therapy, Santiago, Chile
- 2009 American Occupational Therapy Association, Houston, TX

Department and University Seminars

Institute of Public Health Annual Conference
Leadership Seminar Series
Neurorehabilitation Grand Rounds Series
Comprehensive Opportunities for Rehabilitation Research Training Talk Series
Scientific Grant Writing Series
Rehabilitation and Participation Science Seminar
Program in Occupational Therapy Annual Scholarship Day
Washington University Network for Dissemination and Implementation Research