

Trent E Tipple

Professor

Department of Pediatrics Section of Neonatal-Perinatal Medicine

CHF Reba McEntire Endowed Chair in Neonatology

Section Chief, Neonatal-Perinatal Medicine, Department of Pediatrics

Contact Information:

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Office: Children's Hospital ETNP 7504, 1200 N. Everett Dr. Oklahoma City, OK 73104

Education:

2003-2006: Neonatal-Perinatal Medicine Fellow, Columbus Children's Hospital, Ohio State University, OH

2000-2003: General Pediatrics Resident, Columbus Children's Hospital, Ohio State University, OH

1995-2000: Doctor of Medicine, Indiana University School of Medicine, IN

1991-1995: Biology Pre-Med B.S., Butler University, IN

Academic Appointments:

2019-Present: Professor, Neonatal-Perinatal Medicine, Department of Pediatrics, College of Medicine, University of Oklahoma Health Sciences Center, OK

2019-Present: Section Chief, Neonatal-Perinatal Medicine, Department of Pediatrics, College of Medicine, University of Oklahoma Health Sciences Center, OK

2018-2019: Associate Professor, Department of Medical Education, University of Alabama at Birmingham, AL

2017-2019: Associate Professor with Tenure, Neonatology, Department of Pediatrics, University of Alabama at Birmingham, AL

2014-2019: Director, Neonatal Redox Biology Laboratory, University of Alabama at Birmingham

2014-2017: Associate Professor, Neonatology, Department of Pediatrics, University of Alabama at Birmingham, AL

2006-2014: Assistant Professor, Neonatology, Department of Pediatrics, Columbus Children's Hospital, Ohio State University, OH

Awards and Honors:

2020-Present: Sigma Xi, Full Member, Sigma Xi, The Scientific Research Honor Society (Nominated)

2019-Present: CHF Reba McEntire Endowed Chair in Neonatology, Children's Hospital Foundation, University of Oklahoma Health Sciences Center (Received)

2019-Present: The Best Doctors in America, Pediatric Specialist/Neonatal-Perinatal Medicine, Teladoc Health (Nominated)

2012-Present: Sub Specialty Board Certification, Neonatal-Perinatal Medicine, American Board of Pediatrics, Maintenance of Certification

2004-Present: Fellow, American Academy of Pediatrics (Received)

2003-Present: Board Certification, General Pediatrics, American Board of Pediatrics, Maintenance of Certification

2018: Educational Excellence Award, Department of Pediatrics, University of Alabama at Birmingham (Received)

2017: Excellence in Teaching Award, Department of Pediatrics, University of Alabama at Birmingham (Received)

2016: Excellence in Teaching Award, Department of Pediatrics, University of Alabama at Birmingham (Received)

2013: Cassady Presidential Young Investigator Award, Perinatal Research Society Annual Meeting, IL (Received)

2013: Early Career Invited Speaker, Perinatal Research Society (Received)

2013: Recognition Award for Outstanding Early Career Investigators, American Thoracic Society Foundation (Received)

2004-2009: Pediatric Research Loan Repayment Program, NIH (Received)

2006: Young Investigator Travel Award, Pediatric Academic Societies' Annual Meeting, CA

2005: Young Investigator Award, Society for Free Radical Biology and Medicine Annual Meeting, TX (Received)

2004: Young Investigator Award, Society for Free Radical Biology and Medicine Annual Meeting, St. Thomas, USVI (Received)

2003: Resident Research Award, Columbus Children's Research Institute, OH (Received)

Research Support:

Current:

- August 10, 2017-June 20, 2022: R01HL135112, "Hypertoxic Modulation of Thioredoxin Signaling", Role: PI
- December 10, 2016-November 30, 2021: R01HD0999033, "Optimizing Therapeutic Delivery of MicroRNAs to Prevent Chronic Lung Disease in Preterm Infants", Role: Co-I

Past:

- May 1, 2014-April 30, 2020: R01HL119280, "Targeting Thioredoxin Reductase-1 to Prevent Bronchopulmonary Dysplasia", Role: PI
- January 1, 2019-December 31, 2020: 19PRE34380500, Sponsored by American Heart Association, "Protective Effects of Thioredoxin Reductase Inhibition in the Lung: Regulation and Contribution of Heme Oxygenase-1", Role: Primary Mentor

- May 1, 2018-September 30, 2019: NIH/NHLBI Institutional Training Grant, T35HL007473, “Short Term Training in Health Professional Schools”, Role: Director and PI
- July 1, 2017-June 30, 2019: R01, Sponsored by University of Alabama at Birmingham School of Medicine AMC21 Program, “Harnessing the Anti-Inflammatory and Antibacterial Effects of Thioredoxin Reductase-1 Inhibition to Treat Acute Lung Injury”, Role: PI
- December 1, 2016-April 30, 2019: R01HL119280-S1, “Targeting Thioredoxin Reductase-1 to Prevent Bronchopulmonary Dysplasia”, Role: PI
- October 31, 2013-April 30, 2014: Sponsored by American Thoracic Society Foundation, Recognition Award for Outstanding Early Career Investigators, “Targeting Thioredoxin Reductase-1 to Prevent Bronchopulmonary Dysplasia”, Role: PI
- April 1, 2010-March 31, 2014: 5K08HL093365, “Regulation of Lung Growth and Development by Thioredoxin Interacting Protein”, Role: PI
- June 1, 2011-August 31, 2012: UL1RR025755, Sponsored by The Ohio State University Center for Clinical and Translational Science Pilot Program, Richard P. and Marie R. Bremer Medical Research Fund and William H. Davis Endowment, “MicroRNA-17~92 Cluster in Bronchopulmonary Dysplasia”, Role: PI
- 2003: K12HD043372, Sponsored by Child Health Research Career Development Awards, CHRCDA Scholar
- 2003: T32HD04003, Sponsored by NICHD Institutional Training Grant for Pediatricians, Post-doctoral Fellow

Selected Publications:

N/A