

**Curriculum vitae**

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<https://www.ncbi.nlm.nih.gov/myncbi/luc.brion.1/bibliography/public/>  
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<https://www.doximity.com/profiles/893f9f5e-d5c5-4047-b323-f9b83f2ad960/view>  
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**Place of Birth:** Uccle, Belgium

**Education**

Year	Degree (Honors)	Field of Study	Institution
1972	<i>summa cum laude</i>	Medical Sciences Candidate	Université Libre de Bruxelles, Brussels, Belgium
1976	<i>summa cum laude</i>	MD	Université Libre de Bruxelles
1981	<i>summa cum laude</i>	Special Bachelor's Degree in Pediatrics	Université Libre de Bruxelles

**Postdoctoral Training**

Year(s)	Titles	Specialty/Discipline	Institution
1976-79	Intern & Resident	Pediatrics	Hôpital Universitaire Saint-Pierre, Brussels, Belgium
1979-81	Resident (1/2 time- during military duty)	Pediatrics	Institut Edith Cavell, Brussels, Belgium
1981-82	Clinical Fellow	Neonatology	Hospital for Sick Children, Toronto, Canada
1982	Fellow	Neonatology	Institut Edith Cavell
1982-83	Fellow	Neonatology	Cliniques Universitaires, Hôpital Erasme, Brussels, Belgium
1983-85	Fellow	Neonatal-Perinatal Medicine	Albert Einstein College of Medicine (AECOM), Montefiore Medical Center; Bronx, NY
1985-86	Resident (PGY-2)	Pediatrics	AECOM, Montefiore Medical Center

**Professional Development Training**

Year(s)	Course or Program, Degree if any	Institution
1983	Fetal Growth	Perinatal and Developmental Medicine Symposium, Marco Island, FL
1986-92	Developmental Nephrology	George J Schwartz, MD, Dept Peds, Div Pediatric Nephrol, AECOM
1993-95	Nephrology and Molecular Biology	Victor L Schuster, MD, Dept Internal Medicine, Div Nephrol, AECOM
1998	Training Workshop: How to Conduct a Systematic Review and Use of the RevMan software	Cochrane Review Group, Boston, MA
2003	Respiratory care of the newborn	Columbia Presbyterian Med Ctr, NY, NY
2008	Research analysis using SPSS	Alan C. Elliott, University of Texas Southwestern (UTSW)
2009	Certificate Program for Clinical Program Directors	Ilene Harris, PhD, University of Illinois at Chicago
2013	Clinical Safety and Efficacy (CSE) Course	W. Gary Reed, MD, UTSW
2016	CTM 5307 Epidemiology for the Clinical Investigator (SAS)	Robert W. Haley, MD, UTSW

**Faculty Academic Appointments**

Year(s)	Academic Title	Department	Academic Institution
1986-87	Instructor	Pediatrics	AECOM
1987-92	Assistant Professor	Pediatrics	AECOM
1992-98	Associate Professor	Pediatrics	AECOM
1998-2006	Professor	Pediatrics	AECOM
2006-April 10, 2023	Professor	Pediatrics	UTSW
April 11, 2023-current	Professor Emeritus	Pediatrics	UTSW

**Appointments at Hospitals/Affiliated Institutions**

Year(s)	Position Title	Department/Division	Institution
Past			
1986-2006	Attending	Pediatrics/Neonatology	Jack Weiler Hospital; Children's Hospital at Montefiore, Bronx, NY
1986-2005	Attending	Pediatrics/Neonatology	Jacobi Medical Center, North Central Bronx Hospital; North Bronx Health Network
1989-95	Consultant	Pediatrics/Neonatology	New Rochelle Hospital Medical Center, New Rochelle, NY
1992-95	Consultant	Pediatrics/Neonatology	St Johns Riverside Hospital, Yonkers, NY
2007-2014	Attending	Pediatrics/Neonatal-Perinatal Medicine	St Paul Hospital, Dallas, TX
2007-2023	Attending	Pediatrics/Neonatal-Perinatal Medicine	Children's Medical Center of Dallas; Parkland Health & Hospital System; Texas Health Resources, Dallas, TX
2014-2023	Attending	Pediatrics/Neonatal-Perinatal Medicine	Clements University Hospital, Dallas, TX
Current			
2007-2023	Research	Pediatrics/Neonatal-Perinatal Medicine	Children's Medical Center of Dallas; Parkland Health; Clements Univ Hosp

**Other Professional Positions**

Year(s)	Position Title	Institution
1982	General pediatrics practice	Oeuvre Nationale de l'Enfance (ONE), Brussels, Belgium

## **Current Licensure and Certification**

### Licensure

Year(s)	State
2007-present	TX
1985-2006	NY

### **Board and Other Certification**

Year(s)	Specialty	Certifying Organization
1981	Pediatrics	Ministry of Health, Belgium
1982	-	VQE
1983	-	TOEFL
1983	-	FLEX
1983	-	Medical Council of Canada Evaluating Examination
1984	-	ECFMG
1986	Pediatrics	Royal College of Physicians and Surgeons of Canada
1987	Pediatrics	American Board of Pediatrics
1987	Neonatal-Perinatal Medicine	American Board of Pediatrics
2004	Neonatal-Perinatal Medicine	NRP Instructor, Regional Trainer
2006	-	SPEX
2007	-	Texas Medical Jurisprudence Examination
2017	Neonatal-Perinatal Medicine	American Board of Pediatrics
2020	Research (CITI)	HSP 10/21/23; expiration 10/21/26
2022	Research (CITI)	GCP 12/17/22; expiration 12/17/25
2022	Research	Privacy and Information Security, UTSW, 03/02/22
2023	Research (CITI)	GCP for Clinical Investigations of Devices 03/18/23;expiration 03/18/26
2023	Research (CITI)	Research - HIPAA 02/24/23; no expiration

### **Honors and Awards**

Year	Name of Honor/Award	Awarding Organization
1970&71	Prix Fleurice Mercier	Université Libre de Bruxelles
1976-77	Scholarship Award in Pediatrics	Université Libre de Bruxelles
1998-99	Listed in 3rd & 4th Eds, How to Find the Best Doctors: New York Metro Area	Castle Connolly Guide
1998-02	Listed in ‘The Best Doctors in New York,’ Neonatal-Perinatal Medicine,	New York Magazine
2001-05	Listed in Top Doctors: NY Metro Area	Castle Connolly Guide
2001-03	Listed	Strathmore’s Who’s Who
2002-03	Listed	America’s Registry of Outstanding Professionals
2002-03	Listed in “Guide to America’s Pediatricians”	Consumer’s Research Council of America
2003-04; 2005-06; 2007-08; 2009-10; 2011-12; 2014; 2015-16; 2019-20	Listed	Best Doctors in America
2004&05	Listed in Top Doctors	American Registry
2004-6	Listed in NY Metro Area Top Doctors	Castle Connolly Medical Ltd
2006	Recognition by program directors for special contribution	Albert Einstein College of Medicine
2014	Member	American Pediatric Society
2018;2020;2021	Nomination for Mentoring Award	UTSW
05/2019	Provider of the Month	Children’s Medical Center of Dallas, NICU

08/2022	Reviewer of the month <a href="https://tp.amegroups.org/post/view/reviewer-of-the-month-2022#August">https://tp.amegroups.org/post/view/reviewer-of-the-month-2022#August</a>	Translational Pediatrics
09/2022	Nomination for Institutional Service Award	UTSW
7/31/2024	Top scholar - lifetime	ScholarGPS

### **Major Administrative/Leadership Positions**

Year(s)	Position Title	Institution
1988-89	Assistant Director of Newborn Services	Jacobi Medical Center
1989-97	Associate Director of Newborn Services	Jacobi Medical Center

### **Committee Service** (Member, unless noted otherwise)

Year(s)	Name of Committee	Institution/Organization
<u>University/AECOM</u>		
1991-2002	Pediatric Science Day Committee	Department of Pediatrics
1993-95	Neonatal Research Advisory Committee	Division of Neonatology
1995-2002	Chair, Pediatric Science Day Committee	Department of Pediatrics
1995-2002	Research Advisory Committee	Department of Pediatrics
1995	Pediatric Interdivisional Research Review Committee	Department of Pediatrics
1995-2003	Committee for Clinical Investigation (CCI)	AECOM
1995-98	Chairman, Ad Hoc Committees on Promotion to the rank of Associate Professor	AECOM
1996-1997	CCI Subcommittee on Adolescents	AECOM
1996-1997	CCI Subcommittee on Women of Childbearing Age	AECOM
1997-2002	Fellowship Training Directors Committee	Department of Pediatrics
1998	Organizing Committee for Research Course for Fellows	Department of Pediatrics
1998-2002	Committee on Appointments and Promotions (Professor)	AECOM
1999-2000	Pediatric Internal Grant Committee	Department of Pediatrics
2000-03	General Clinical Research Center (GCRC) Advisory Committee	AECOM
2000-2001	Co-Chair, Committee on Appointments and Promotions (Professor)	AECOM
2001-2002	Chair, Committee on Appointments and Promotions (Professor)	AECOM
2002-03	CCI Adverse Events Subcommittee	AECOM
2002-06	Research Seminar Series for Faculty	Department of Pediatrics
2004	Chairman, Ad Hoc Committee on Promotion to the rank of Professor	AECOM
2004-06	Chair, Data safety monitoring committee for a randomized clinical trial	AECOM
2004	Faculty Advancement Committee	Department of Pediatrics
2004	Senior Rank Subcommittee	Department of Pediatrics
2005-06	Children's Evaluation and Rehabilitation Center (CERC) Director Search Committee	AECOM
2006	Clinical Research Training Program (CRTP) Study Section	AECOM
2006	Chair, Graduate Medical Education (GME) Internal Review, Internal Medicine: Pulmonary Disease & Critical Care Fellowship Training Program	AECOM
<u>University/UTSW</u>		
2007-present	Clinical Competency Committee	Fellowship in Neonatal-Perinatal Medicine, UTSW
2008-present	Curriculum committee	Fellowship in Neonatal-Perinatal Medicine, UTSW
2013-present	Milestones Committee	Fellowship in Neonatal-Perinatal Medicine, UTSW

2011-16	Morbidity and Mortality Peer Review Committee Meeting for quality improvement	Division of Neonatal-Perinatal Medicine, Children's Medical Center, Dallas
2012-19	GMEC Committee	UTSW
2012	Internal Review of Training Program in Pediatric Emergency Medicine	UTSW
2014	Internal Review of Training Program in Advanced Heart Failure and Transplantation	UTSW
2015-16	House staff Health and Wellness Initiative	UTSW
2016&17	Senior Fellows Day, Abstract Review Committee, Department of Pediatrics	UTSW
2016-17	Resident Evaluation and Supervision GMEC Subcommittee	UTSW
2019-present	Program evaluating committee, Fellowship in NPM	UTSW
2019-present	Clinical competency evaluating committee, Fellowship in NPM	UTSW
2022	Pediatric Resident PGY2 Scholarly Proposal Review Committee	UTSW
<u>Hospital</u>		
1988-90	Neonatal Intensive Care Unit (NICU) Quality Assurance Committee (QAC), Chair	Jacobi Medical Center
1988-90	Well Baby Nursery/Labor & Delivery Room QAC, Chair (	Jacobi Medical Center
1988-90	Breastfeeding Committee	Jacobi Medical Center
1988-90	Perinatal Mortality & Morbidity Conferences	Jacobi Medical Center
1990	Critical Care Committee	Jacobi Medical Center
10-12/97	NICU QAC, Chair; Well Baby Nursery/Labor & Delivery Room QAC, Chair	Jacobi Medical Center
2020-present	OPTIMoM, Committee for optimizing mother's own milk in the NICU	Parkland Hospital
<u>State/Regional</u>		
2000-04	Planning Committee	Eastern Society of Pediatric Research (ESPR)
2006	Nomination Committee	ESPR
<u>National/International: Neonatal Research Network, NICHD</u>		
2009-2023	Site Alternate PI at UTSW	Pablo Sánchez, MD; Myra Wyckoff, MD
2014-2019	Human Subject Protection Committee	Michele Walsh, MD, Chair

### **Professional Societies**

Dates	Society Name, role
1987-current	American Academy of Pediatrics, member
1992- current	Society for Pediatric Research, member
1993-96	Eastern Society for Pediatric Research (ESPR), Secretary
1999- current	Cochrane Collaboration, Cochrane Neonatal Review Group, Member
2003-05	ESPR, President
5/14/2005	Pediatric Academic Societies (PAS)/IPHA Topic Symposium: Chairs: Elaine Urbina, Luc P. Brion. Development of Hypertension in the Newborn: Translating Theory into Practical Application
2006- current	American Medical Association, member
2010, 2013, 2014	PAS: Annual Meeting: review and scoring of Neonatology Abstracts
2014	Association of Pediatric Program Directors/Committee on Pediatric Subspecialties: Participation in Entrustable Professional Activities (EPA) Research Project
2015, 2016	PAS: Poster facilitator: Neonatology
2015-current	American Pediatric Society, member

## **Community Engagement**

Year(s)	Role	Organization or institution
1975-77	<i>Counselor/Physician</i> , Summer Camp for Diabetic Adolescents	Belgium
1990	<i>Preceptor</i> , Associated Medical Schools-Einstein Enrichment Program for High School Student Education	Albert Einstein College of Medicine

## **Educational Activities**

### 1. Direct Teaching

Date	Course Name, Rotation or Session Topic	Role	Number of Instruction hours	Primary Learner Audience (number)	Department or Organization
<b><u>Medical and Graduate School (UME) Course Instruction, Small Group Instruction, Clinical Supervision</u></b>					
1986-2006	Jacobi/North Central Bronx/Weiler Hospital NICU	Primary attending	4 weeks each (8 hr/day)	Medical Students (1-2)	AECOM
1994-2000, 2003-04	Renal Pathology & Pathophysiology: Case conferences	Facilitator	2-4	Medical Students (10-15/year)	AECOM
1995	Renal Pathology & Pathophysiology	Mentor, Individual Tutorial for Honour program	15	Medical Student (1)	AECOM
2006-2022	Parkland or CMC NICU	Primary attending	4 weeks each (8 hr/day)	Medical Student (1)	UTSW
2007-2013	Physiology of Perinatal Transition:	Instructor	1	Medical Students (3-5)	UTSW
2019-2022	Parkland Hospital NICU tour	Instructor	1	Medical Students (3-5)	UTSW
<b><u>Graduate Medical Education (GME) Course Instruction, Small Group Instruction, Clinical Supervision</u></b>					
1986-2006	Jacobi/North Central Bronx/Weiler Hospital NICU	Primary attending	8 months per year (8 hr/day)	Pediatric residents (6-8 per year)	AECOM
1986-2006	Jacobi/North Central Bronx/Weiler Hospital NICU	Primary attending	8 months per year (8 hr/day)	Fellows in Neonatology (6-8 per year)	AECOM
1986-2006	Evidence base medicine, board preparation, physiology, resuscitation	Instructor	30/year	Fellows in Neonatology (4)	AECOM
2007-2022	Parkland/CMC NICU	Primary attending	4 weeks (8 hr/day)	Pediatric residents (6-8 per year)	UTSW
2007-2022	Parkland/CMC NICU	Primary attending	4 weeks (8 hr/day)	Fellows in Neonatal-Perinatal Medicine (6-8 per year)	UTSW
2007-2023	Evidence-based medicine, physiology, orientation, decision making series	Instructor	30/year	Fellows in Neonatology (15)	UTSW
2008-2014	Lectures and workshops for core curriculum	Instructor	2-5/year	Fellows in pediatrics (30)	UTSW
2009-2023	Lecture on invasive ventilation	Instructor	2-5/year	Residents in pediatrics	UTSW
2018	Flip classes for physiology series	Facilitator	5/year	Fellows in Neonatology (15)	UTSW
<b><u>Instructor in Continuing Medical Education (CME), Faculty Development, National Educational Symposia</u></b>					
1988-94	Lectures for the Didactic Program	Instructor	2-4 per year	NICU nurses (15)	Jacobi

1997-98	Orientation visit to Perinatal Center/NICU	Leader	one-day to one-week	Physicians and other Health Care Professionals from Belgium (5)	AECOM
1998	Reviewer Training Beginner's Workshop, Developing a Protocol and Review using Revman	Resource Person			Canadian Cochrane Center, Hamilton, Ontario, Canada
1999	Mini-Symposium on Perinatal/Neonatal Evidence-Based Medicine Sponsored by a Visiting Professorship Grant, Greater New York March of Dimes	Organizing Committee: Luc P. Brion, MD, Madhu Gudavalli, MD, Philip Roth, MD, Ph.D., Mitchell Maiman, MD	3 days	Physicians and other Health Care Professionals (30)	AECOM, Montefiore, Staten Island University Hospital, NY Methodist Hospital, and NY Perinatal Society

## 2. Curriculum development

1997-1999	<i>'Yellow Book'</i> : Neonatology guidelines & English-Spanish lexicon (with Deborah Campbell, MD)
1997-98	Introduction to Research design and statistics, Chair, course for Fellows, Department of Pediatrics, Montefiore Medical Center
1999	Neonatology Ring Binders (References and Published Guidelines)
1999	Summary of Neonatal Systematic Reviews
2002	ACGME toolboxes (made available at AECOM, Montefiore, ONTPD)
2003	Evidence-based medicine (EBM) calculator (Excel format)
2003	House staff guidelines for the well-baby nursery. Brion LP, Campbell DE, Nafday S
2003	House staff guidelines for neonatology (electronic format) Brion LP, Campbell DE, Nafday S
2004	Neonatology Core lecture series (NICU and newborn nursery) for house staff
2005	Neonatology Core Teaching Files (>150 PowerPoint lectures), with 3 directories: (1) House staff, included in departmental CD provided to interns at orientation; (2) Neonatal practitioners (PAs, NNPs, FNP) and fellows; (3) Fellowship training program
2006	Neonatal review series for fellows, interactive questions and answers: Rosen O, Brion LP
2007-2019	Leader of Series on Professionalism; Co-Leader of Series on Life after Fellowship and series on Evidence-base Medicine for fellows in Neonatal-Perinatal Medicine
2016-2017	Organization of six-month supervised training in neonatal-perinatal medicine to regain ABP eligibility

## 3. Mentoring and advising

<u>Date</u>	<u>Mentee Name</u>	<u>Mentee Level/ Program and Institution</u>	<u>Role</u>	<u>Mentee Outcomes, Current Position</u>
<u>Mentoring medical students</u>				
2021	Isabelle Kiefaber	MS1, UTSW	Mentor and research advisor	Publication; Attending at UTSW
2021	Diksha Verma	MS3, UTSW	Mentor and research advisor	Publication; Resident in Anesthesiology at UTSW
2022-23	Vinay Kalvacherla	MS3, UTSW	Mentor and research advisor	Publication; Resident in Pediatrics, Univ Utah Health
<u>Mentoring postdoctoral trainees</u>				
1981-84	Gilles Rondia	Resident in Pediatrics, ULB, Brussels, Belgium	Primary mentor and research advisor	Publication; Pediatric practice, Brussels, Belgium
1987-89	Orna Rosen	Fellow in Neonatology, AECOM	Primary mentor and research advisor	Publication; Retired Neonatologist, AECOM

1988-90	Bellipady Rai	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Private practice in Newark, NJ.
1988-90	Madhu Goyal	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publications; Private practice at South Plainfield, NJ
1989-92	Angel Rios	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publications; Professor of Pediatrics at the University of Washington Medical Center / Seattle Children's Hospital
1988-90	Rakesh Chhabra	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publications; Private practice at Hackensack, NJ.
1990-93	Miguel Suarez	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Neonatologist at San German, PR
1991-99	Barbara Russell, DO	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Clinical Chief Neonatology, BronxCare Health System, Bronx, NY
1992-95	Olga Garcia	Fellow in Neonagology, AECOM	Primary mentor and research advisor	Publication; Private practice at Baptist Health Baptist Hospital and Baptist Health South Miami Hospital, Florida
1993-96	Calixto Cazano	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Private practice at Wyckoff Heights Medical Center , Brooklyn, New York
1995-98	Onajovwe Fofah	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Associate Professor of Pediatrics at University Hospital, Newark, NJ
1996-98	Karina Jandziszak	Fellow in endocrinology, AECOM	Primary mentor and research advisor	Publication; Pediatric endocrinologist in Ada, Oklahoma, affiliated with Chickasaw Nation Medical Center
1997-2000	Abhay Singhal	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Medical Director of the Indiana University Health Arnett Hospital NICU, IN
1997-2000	Luis De La Fuente	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Private practice as neonatologist in Dunmore, Pennsylvania, affiliated with Moses Taylor Hospital, PA
1999-2002	Sumati Pande.	Fellow in Neonagology, AECOM.	Mentor and research advisor	Publication; Neonatal Medicine Specialist in Newark, NJ, affiliated with Newark Beth Israel Medical Center.
2000-02	Karim Aref	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Pediatrician, Ajax, Ontario, Canada
2002-05	Lamia Soghier	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Professor of Pediatrics, Currently Professor of Pediatrics at The George Washington University School of Medicine and Health Sciences
2002-04	Jülide Sisman	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Associate Professor of Pediatrics, UTSW
2003-06	Smart Uko	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Clinical Practive at CHOP Virtua Our Lady of Lourdes Hosp, Philadelphia, PA
2006-07	Viral Dave	Fellow in Neonagology, AECOM.	Primary mentor and research advisor	Publication; Assistant Professor of Pediatrics, Texas Children's, Houston TX.



2009-13	Jaclyn Levan	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publications; Private practice at Pediatrix Medical Group of Texas San Antonio, TX
2011-14	Cheryl Motta	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publication; Private practice at Pediatrix Medical Group of Texas San Antonio, TX
2013-15	Juliann Sheehan	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publication; Private practice at Connecticut Children's Specialty Group, Danbury, CT
2012-13	Charitharth Vivek Lal	Fellow in Neonatal-Perinatal Medicine, UTSW	Mentor and research advisor	Publication; Professor of Pediatrics at University of Alabama, Birmingham, AL
2012-15	Lindsay DeVries	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publication; Private practice at Pediatrix Medical Group of Texas San Antonio
2012-21	Heather Weydig	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publications; Clinical practice at OhioHealth, Columbus, Ohio
2014	Shawndip Sen	Fellow in Neonatal-Perinatal Medicine, UTSW	Mentor and research advisor	Publication; Assistant Professor of Pediatrics, Ann & Robert H Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Chicago, IL
2015-18	Lara Pavageau, Jenna Whitham	Fellow in Neonatal-Perinatal Medicine (LP); resident in Pediatrics (JW) , UTSW.	Primary mentor and research advisor	Publications; (LP) neonatologist at Pediatrix, Dallas, TX (JW): Pediatrician at Intermountain Health Care, Salt Lake City, Utah
2017-19	William Smithhart	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	PAS Travel Awards Program for Young Investigator's, 2018; Publications: Private practice at Newborn Associates, Jackson, Missouri
2017	John Ibrahim	Fellow in Neonatal-Perinatal Medicine, UTSW	Mentor and research advisor	Publication; Assistant Professor of Pediatrics at University of Pittsburgh, Pittsburgh, PA
2018-24	Jordan Reis	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publications; Private practice at Baylor Scott & White Dallas, TX.
2019-21	Edward Stocks	Resident in Pediatrics, UTSW	Primary mentor and research advisor	Publication; Sadly died during NPM fellowship at Oklahoma University, OK in 2022.
2020-22	Mariela Sánchez-Rosado	Fellow in Neonatal-Perinatal Medicine, UTSW	Primary mentor and research advisor	Publications; Private practice at University of Florida College of Medicine – Jacksonville, FL
2022-24	Tina Seidu	Resident in pediatrics, UTSW.	Mentor and research advisor	Presentation at AAP and PAS: Resident in pediatrics, UTSW; manuscript submitted; fellow in neonatal-perinatal medicine at UTSW
2022-24	Sharmista Saha	Fellow in Neonatal-Perinatal Medicine, UTSW	Mentor and research advisor	Presentation at PAS; Private practice at Pediatrix, Houston, TX
2023-	Riti Choskhi	Fellow in Neonatal-Perinatal Medicine, UTSW	Mentor and research advisor	Publication; Fellow in Neonatal-Perinatal Medicine, UTSW
2024	Kaitlyn Arbour	Chief Resident in pediatrics, UTSW	Mentor and research advisor	Presentation at PAS; Pediatric Chief Resident UTSW; fellow in neonatal-perinatal medicine
Mentoring Faculty				
1995-2000	Orna Rosen	AECOM.	Mentor and research advisor	Publication; Retired Assistant Professor of Pediatrics, Neonatology, AECOM

2002-03 & 2013-15	Suhas Nafday	AECOM.	Mentor and research advisor	Chapters on Renal Disease; Professor of Pediatrics at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY
2011	Audra Stewart, DO:	UTSW	Mentor and research advisor	Publications; Private practice at St. Bernards Medical Center, Jonesboro, Arkansas
2020-21	Christina Chan, Kikelomo Babata, Kelly Mazzarella	UTSW	Mentor and research advisor	Publication and presentations at PAS; Clinical Associate Professor (CC) and Assistant Professors (KB, KM, UTSW)
2020-21	Vedanta Dariya	UTSW	Mentor and research advisor	Publication; Assistant Professor at Emory, Atlanta, GA
2020-21	Muraleedharan Sivarajan	UTSW	Mentor and research advisor	Publication; Clinical Assistant Professor at UTSW
2022-current	Sujir Pritha Nayak	UTSW	Mentor and research advisor	Publications; Associate Professor at UTSW
2023-current	Dimitrios Angelis	UTSW	Mentor and research advisor	Masters of Science in Clinical Research; Publication; Assistant Professor at UTSW
2023-current	Kikelomo Babata	UTSW	Mentor and research advisor	Publication; presentations; Effective Writing for Health Care Program (EWHC), Harvard Medical School; Assistant Professor at UTSW
2023-24	Jülide Sisman	UTSW	Mentor and research advisor	Publication; Associate Professor at UTSW
Other				
2022-2023	Theresa Jacob, RD	Parkland	Member of the advisory committee	Graduation for the 2022-2023 TCU Evidence Based Practice Fellowship: Feeding Guidelines project, 1st price

#### 4. Learner Assessment Activities or Tool Development

1989-93	<i>Question-Writer</i> for the Sub-Board in Neonatal-Perinatal Medicine Certifying Examination, Am Board of Pediatrics
2006	Clinical Research Training Program (CRTP) Study Section, Albert Einstein College of Medicine
2007-19	Development of assessment tools for ACGME, Neonatal-Perinatal Fellowship, UTSW

#### 5. Educational Administration and Leadership

1997-06	Fellowship Training Program Director, Neonatal-Perinatal Medicine, AECOM
1997-2002	Fellowship Training Directors Committee, Montefiore Medical Center
2003-05	Organization of Neonatal Training Program Directors (ONTPD), subcommittee on ACGME competencies
2006	Chair, Graduate Medical Education Internal Review, Internal Medicine: Pulmonary Disease & Critical Care Fellowship Training Program, Albert Einstein College of Medicine
2007-2019	Fellowship Training Program Director, Neonatal-Perinatal Medicine, UTSW
2007-2019	Recruitment Committee, Fellowship Training in Neonatal-Perinatal Medicine, UTSW
2007-2023	Fellowship recruitment committee, Division of Neonatal-Perinatal Medicine
2007-2011	Member of the Council, ONTPD
2010	Graduate Medical Education Subcommittee: Internal Review of Training Programs in Radiation Oncology; Nephrology; and Pulmonary Disease, GMCE, UTSW
2010-2019	Program Directors Committee, Children's Medical Center, Dallas
2011-2017	Program Director Advisory Committee, UTSW
2011-2012	Scholarship Oversight Committee, JB Cantey, fellow in Pediatric Infectious Diseases; currently Attending Neonatologist at University Health, San Antonio, TX
2010-2017	Resource to other Fellowship Training Program Directors in Department of Pediatrics: Pediatric Critical Care, Pediatric Nephrology, Pediatric Pathology, Pediatric Hospital Medicine
2011-2019	Clinical Competency Committee, Division of Neonatal-Perinatal Medicine
2015-18	Scholarship Oversight Committee, Lara Pavageau, Fellow in Neonatal-Perinatal Medicine; currently neonatologist at Weill Cornell Medicine, NY, NY

2015-18	Scholarship Oversight Committee, Bandi Mahaffey, Fellow in Neonatal-Perinatal Medicine; currently Neonatologist at UK HealthCare. UK Health Care University of Oklahoma.
2019-21	Scholarship Oversight Committee, Lorraine Bautista, Fellow in Neonatal-Perinatal Medicine; Currently Assistant Professor at UTSW
2020	Reviewer, senior fellow abstracts for the research day, Department of Pediatrics, UTSW

### **Grant Review Activities**

Year(s)	Name of Review Committee	Organization
1995	Pediatric Interdivisional Research Review Committee	Dept Pediatrics, Montefiore Medical Center (MMC)
1999 & 2000	Pediatric Internal Grant Committee	Dept Pediatrics, MMC
2004	Physiology & Pharmacology Panel	Wellcome Trust, London, UK
2018-2022	Children's Clinical Research Advisory Committee (CCRAC)	Children's Health, Dallas, TX

### **Editorial Activities**

Year(s)	Journal Name
<b><u>Editorial Board</u></b>	
1993-present	Journal of Perinatology
<b><u>Ad Hoc Reviewer</u></b>	
2007-08	Journal of Perinatal Medicine
2007-present	Pediatric Nephrology
2007	Journal of Investigative Medicine
2008-present	Pediatrics
2008-present	Pediatric Infectious Diseases Journal
2008-2015	Early Human Development
2008-present	BMC Pediatrics
2008	New England Journal of Medicine
2009	Neonatology
2011-present	Archives of Diseases in Childhood
2012-present	Journal of Pediatrics
2012-present	NICHD NRN
2016	Journal of Pediatric Neuroradiology
2017	Cardiology in the Young
2018-present	Pediatric Research
2018	PLOS One
2019	European Journal of Pediatrics
2020	Circulation
2020	Jornal de Pediatria (Brazilian Society of Pediatrics)
2021	BMC Pregnancy and Childbirth
2021	Pediatric Medicine
2022	Nutrients
2022	Translational Pediatrics
2022	Frontiers in Pediatrics

### **Grant Support**

<b><u>Past</u></b>	
9/81-8/82	<i>Grantor:</i> Tiercé Belge
	<i>Title of Project:</i> Study on the assessment of neonates at risk for cerebral palsy
	<i>Role:</i> Co-Investigator; <i>PI:</i> H. Szliwowski, MD

7/87-6/88	<i>Grantor:</i> Department of Pediatrics Internal Grant, Montefiore Medical Center
	<i>Title of Project:</i> 'Maturation of acid secretion in renal distal tubular cells in culture'
	<i>Role:</i> Principal Investigator
	Direct Costs: \$10,000
7/88-6/91	<i>Grantor:</i> American Heart Association, New York City Affiliate
	<i>Title of Project:</i> Grant-in-Aid: 'Adaptative changes in renal H <sup>+</sup> secretion' George J. Schwartz, PI
	<i>Role:</i> Co-Investigator
7/90-6/95	<i>Grantor:</i> NIH (NIDDK)
	<i>Title of Project:</i> Clinical Investigator Award: 'Regulation and development of renal acid-base transport'
	<i>Role:</i> Principal Investigator
	Direct costs \$407,200
9/90-6/96	<i>Grantor:</i> Albert Einstein College of Medicine
	<i>Title of Project:</i> Biomedical Research Grants & Crisis Support Grant
	<i>Role:</i> Principal Investigator
	Direct costs \$12-32,000/yr
7/95-6/97	<i>Grantor:</i> Department of Pediatrics, Montefiore Medical Center
	<i>Title of Project:</i> Interdivisional Research Award (IRA), 'Role of somatotropin in growth retardation associated with chronic metabolic acidosis'
	<i>Role:</i> Principal Investigator
	Direct cost: \$10,707/yr
7/95-6/97	<i>Grantor:</i> Department of Pediatrics Internal Grant, Montefiore Medical Center
	<i>Title of Project:</i> "Molecular regulation of carbonic anhydrase IV isozymes"
	<i>Role:</i> Sponsor, Co-Investigator
	Direct costs \$20,000
1996-97	<i>Grantor:</i> Pharmacia, Inc.
	<i>Title of Project:</i> Hormonal mechanisms of growth failure in chronic acidosis
	<i>Role:</i> Co-Investigator: Direct costs \$14,000
4/96-4/98	<i>Grantor:</i> Genentech Foundation for Growth and Development
	<i>Title of Project:</i> 'Hormonal mechanisms of growth failure in chronic acidosis'
	<i>Role:</i> Principal Investigator
	Direct costs \$37,273 & competitive renewal \$27,273
1/97-12/99	<i>Grantor:</i> American Heart Association
	<i>Title of Project:</i> Grant-in-Aid: 'Regulation of renal membrane-bound carbonic anhydrase in response to acidosis'
	<i>Role:</i> Principal Investigator
	Direct costs \$150,000
1997-99	<i>Grantor:</i> Pharmacia, Inc
	<i>Title of Project:</i> 'Hormonal and cellular mechanisms of failure to thrive in acidotic mice'
	<i>Role:</i> Co-Investigator
	Direct costs \$14,000
2002-06	<i>Grantor:</i> Health and Medical Research Council (NHRMC), Australia
	<i>Title of Project:</i> Nasal CPAP or Intubation For Very Preterm Infants At Birth. A Randomized Controlled Trial. The COIN trial
	<i>Role:</i> One of 4 Chief Investigators, US representative and Center PI, Montefiore Medical Center
	Direct costs (for the center): \$4,000
2009-2016	<i>Grantor:</i> NICHD Cooperative Multicenter Neonatal Research Network
	<i>Title of Project:</i> NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD1
	<i>Role:</i> Site Alternate PI, UTSW Dallas, 4/8/09-3/31/11, 5% effort; 4/1/11-3/31/16 (Site PI: Pablo Sánchez, MD)
	<i>Annual amount:</i> \$200,000; First year
	<i>Total direct costs \$1,000,000 over 5 years</i>

2015-2017	<i>Grantor:</i> Children’s Medical Center Foundation, Dallas, TX. Children’s Medical Center Clinical Advisory Committee (CCRAC) – Senior Investigator Research Award New Direction
	<i>Title of Project:</i> ‘Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants’
	<i>Principal Investigator:</i> Total direct costs \$100,000
2015-2019	<i>Grantor:</i> Gerber Foundation, National Grant
	<i>Title of Project:</i> ‘Individualizing and Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants’
	<i>Role: Principal Investigator</i> Total direct costs \$318,180
2017-2019	<i>Grantor:</i> NIH, NOT-TR-17-018
	<i>Title of Project:</i> Facilitation of IRB Review for Multi-Site Clinical Research
	<i>Role: Site PI, UTSW, Dallas; PI: Nancy Bennet, Rochester University</i> Total direct costs first year: \$40,083
2016-23	<i>Grantor:</i> National Institute of Health, National Institute of Child Health and Human Development
	<i>Title of Project:</i> NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020
	<i>Role: Site Alternate PI, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD</i> <i>Total amount and date (direct costs only):</i> Apr 2016-Mar 2023, \$200,000/yr
2023	<i>Grantor:</i> National Institute of Health, National Institute of Child Health and Human Development
	<i>Title of Project:</i> NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020
	<i>Role: Site Alternate PI, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD</i> Transferred to Vishal Kapadia, MD

### **Clinical Trials Activities**

<u>Present</u>	
2016-present	<i>Grantor:</i> NICHD NRN
	<i>Title of Project:</i> RCT on budesonide/surfactant versus surfactant only (BIB Trial)
	<i>Role:</i> Member of the sub-committee, site PI
2023	BPD definitions Delphi procedure: Eduardo Bancalari (Miami, USA); Rosemary Higgins (Fort Myers, USA); Tetsuya Isayama (Tokyo, JPN); Erik Jensen (Philadelphia, USA); Anton van Kaam (Amsterdam, NL); Trix Katz (Amsterdam, NL); Suzanne Mugie (Amsterdam, NL); Martin Offringa (Toronto, CAN); Wes Onland (Amsterdam, NL); Jane Pillow (Perth, AUS); Prakesh Shah (Toronto, CAN); Roger Soll (Burlington, USA); Benjamin Stoecklin (Basel, CHE) <i>Role:</i> Participant

<u>Past</u>	
1999-2002	<i>Grantor:</i> Montefiore Medical Center, Bronx NY
	<i>Title of Project:</i> Effect of carnitine supplementation in very low birthweight infants
	<i>Role:</i> Co-Investigator
2002-06	<i>Grantor:</i> Canadian Institute for Health Research (CIHR)
	<i>Title of Project:</i> Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study (MACS)
	<i>Role:</i> Center Investigator: Paediatrics/Neonatal, Montefiore Medical Center
2002-06	<i>Grantor:</i> National Health and Medical Research Council (NHMRC), Australia
	<i>Title of Project:</i> Nasal CPAP or intubation for very preterm infants at birth. A randomized controlled trial. The COIN trial
	<i>Role:</i> Co-Investigator; North American Investigator /Collaborator/Coordinator
2004	<i>Grantor:</i> Forest Pharmaceuticals Inc
	<i>Title of Project:</i> Pressure support ventilation with volume guarantee
	<i>Role:</i> Co-Investigator: Statistical analysis
2005-06	<i>Grantor:</i> American Heart Association
	<i>Title of Project:</i> National Registry of CardioPulmonary Resuscitation (NRCPR)
	<i>Role:</i> Site PI, AECOM

2010-12	<i>Grantor:</i> NICHD Neonatal Research Network
	<i>Title of Project:</i> Single-Dose Vitamin E for Prevention of Intracranial Hemorrhage (EPOCH)
	<i>Role:</i> Co-Investigator
2011-14	<i>Grantor:</i> Neonatal Research Network, NICHD
	<i>Title of Project:</i> Changes in Therapy and Outcomes Associated with The SUPPORT Trial
	<i>Role:</i> Senior Investigator
2014-15	<i>Grantor:</i> APPD Fellowship Executive Committee
	<i>Title of Project:</i> Entrustable Professional Activities (EPA) Research Project
	<i>Role:</i> Site PI, UTSW, Fellowship in Neonatal-Perinatal Medicine
2014-15	<i>Grantor:</i> NICHD NRN
	<i>Title of Project:</i> INS-3: A Phase 3, Randomized, Double-Masked, Placebo-Controlled Study of the Efficacy and Safety of myo-Inositol 5% Injection to Increase Survival without Severe Retinopathy of Prematurity in Extremely Premature Infants (Reduce-ROP)
	<i>Role:</i> Site PI, UTSW
2016-20	<i>Grantor:</i> NICHD NRN
	<i>Title of Project:</i> Myoinositol cross-sectional study
	<i>Role:</i> PI
2016-2020	<i>Grantor:</i> CCRAC (Children's Health) & Gerber Foundation
	<i>Title of Project:</i> Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Randomized Clinical Trial. ClinicalTrials.gov: ID: NCT02372136
	<i>Role:</i> PI
2020-21	<i>Grantor:</i> Cochrane Collaboration, Cochrane Neonatal Review Group
	<i>Title of Project:</i> Cuffed versus uncuffed endotracheal tubes for artificial ventilation
	<i>Role:</i> PI
2020-23	<i>Grantor:</i> American Academy of Pediatrics, Section of Neonatal-Perinatal Medicine (SONPM);
	<i>Title of Project:</i> National Registry for Surveillance and Epidemiology of Perinatal COVID-19 Infections. PI: Mark Hudak
	<i>Role:</i> Site PI
2020-23	<i>Grantor:</i> NICHD NRN
	<i>Title of Project:</i> Moderately Preterm Infants With Caffeine at Home for Apnea (MoCHA) Trial
	<i>Role:</i> Site co-I

### **Invited Lectures**

<u>International</u>		
1980	Syndrôme de Potter non diagnostiqué en échographie prénatale	Journée conjointe du Groupe J Lefèvre et Gêrus, Paris, France
1989	Development of H <sup>+</sup> secretion by cultured renal inner medullary collecting duct cells.	Fourth International Workshop on Developmental Nephrology, Montreal, Canada
1992	Development of the mesonephric duct	Fifth International Workshop on Developmental Renal Physiology Tremezzo, Como, Italy
1992	Carbonic anhydrase (CA) activity in the proximal convoluted tubule (PCT) and the outer medullary collecting duct (OMCD) of the rabbit is induced by chronic ammonium chloride loading (CAL).	Fifth International Workshop on Developmental Renal Physiology Tremezzo, Como, Italy
1993	Metabolic acidosis in the rabbit induces CA activity in the liver, the proximal convoluted tubule and the outer medullary collecting duct	Third International Carbonic Anhydrases Group Conference Oulu, Finland
1993	Carbonic anhydrase (CA) II deficiency mutation in the mouse is associated with an induction of carbonic anhydrase IV in brain myelin	Third International Carbonic Anhydrases Group Conference Oulu, Finland
1993	Induction of carbonic anhydrase (CA) IV in the central nervous system, the proximal convoluted tubule, and the liver of CA II-deficient mice	Third International Carbonic Anhydrases Group Conference Oulu, Finland
1995	Cloning of murine carbonic anhydrase IV	Fourth International Conference on the Carbonic Anhydrases. Molecular

		biology, physiology and clinical applications. Oxford, England
<u>National</u>		
1981	Diète semi-élémentaire et prématurés	Groupe de Contact NSWO (alimentation entérale et parentérale), Liège, Belgium
1981	Growth and metabolic response of preterm infants fed on a semi-elemental diet or on preterm breastmilk.	Fondation Princesse Marie-Christine, Brussels, Belgium
1992	Sensitivity of cord blood serology for detecting presumptive congenital syphilis relationship with maternal treatment.	AAP NCE, San Francisco, CA
2004	Implementing ACGME Competencies in Neonatal-Perinatal Medicine	ONTPD, San Francisco, CA
1997	Hormonal mechanisms of growth failure in acidosis	University of Maryland Baltimore, MD
2001	Carbonic anhydrase: from bench to bedside	Women & Infants Hospital of Rhode Island, Brown University School of Medicine, Providence, Providence, RI
2006	Fluconazole prophylaxis in very low birth weight and extremely low birth weight infants	Div. Neonatology, UTSW, Dallas, TX
2006	Morley C, Doyle L, Davis P, <b>Brion LP</b> COIN Trial	Hot Topics, Washington, DC
2008	Individual developmental plan	ONTPD, Boston, MA
2010	Duty hours	ONTPD, San Francisco, CA
2011	Teaching and Assessing Professionalism	ONTPD, Boston, MA
2019	Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Randomized Clinical Trial	Gerber Foundation, Grand Rapids, Michigan (Internet presentation)
2022	Interview of Past ESPR President	ESPR
<u>Regional/local</u>		
1981	Monitoring de la pression sanguine du nouveau-né par la méthode oscillométrique (Dinamap).	Colloque de Pédiatrie et de Néonatalogie de l'Institut Edith Cavell, Brussels
1983	Choc asphyxique	Séminaires de Pédiatrie Médico-chirurgicale, Université Libre de Bruxelles, Brussels, Belgium
1984	A simple estimate of glomerular filtration rate in low birth weight infants	Third Annual Science Day, Dept. of Peds., AECOM/MMC Brussels, Belgium
1988	Development of proton secretion in cultured inner medullary collecting duct cells	SUNY, Stony Brook, NY
1988	Proton secretion in cultured inner medullary collecting duct cells	Sixth Annual Science Day, Dept. of Peds., AECOM
1988	Proton secretion in cultured inner medullary collecting duct cells	Division of Pediatric Nephrology, Bronx, NY
1994	Upregulation of renal carbonic anhydrase in response to acidosis	New York Univ, NY
1992	Measurement of plasma creatinine in children	Grand Rounds, Laboratory Medicine and Pathology, Bronx, NY
1996	Fellows' research: From presentation at Pediatric Research Day to extramural presentation and publication.	Fourteenth Annual Science Day, Dept. of Peds., Bronx NY
1998	Evidence-based prophylaxis and treatment of patent ductus arteriosus	Grand Rounds, Department of Pediatrics, Bronx NY
1999	Hormonal mechanisms of growth failure in moderate metabolic acidosis	Grand Rounds, Combined Division of Nephrology and Pediatr Nephrol, Bronx NY
2001	Carbonic anhydrase: from bench to bedside	New York Medical College Valhalla, NY
2002	The COIN Trial	Grand Rounds, Department of Obstetrics, Gynecology and Womens' Health, Bronx, NY
2002	Multiple provider evaluation of trainees' communications and procedural skills	Implementing ACGME Competencies Workshops/ Posters, Bronx, NY

2002	Reichgott M, Brion LP, Cohen B, Gold J, Thomas M. Implementing ACGME Competencies Panel Discussions/Posters,	Implementing ACGME Competencies Workshops/ Posters, Bronx, NY
2003	Vitamin E. The good and the Bad	Pediatric Faculty Research Seminar Series, Bronx, NY
2004	Prevention of chronic lung disease in preterm infants	Pediatric Faculty Research Seminar Series, Bronx, NY
2006	Neonatal hyperbilirubinemia	Grand Rounds, Bronx Lebanon Medical Center, Bronx NY
2008	Intubation vs. CPAP in the delivery room	Collin Community College, Texas Society of Respiratory Care, Frisco, TX
2008	Expanding lungs in preterm infants with respiratory distress syndrome: Why? When? How? How much?	Department of Pediatrics Grand Rounds, Dallas TX
2014-2015	Mortality and Morbidity in extremely low gestational age neonates (ELGANs) at Parkland and comparisons with US Data and Neonatal Research Network	MFM Division: Bryan Casey, K Leveno, Steven Bloom
2016, 2018	Respiratory Physiology, Mechanics and Ventilator Strategy in Newborns	Critical Care Lecture series, Department of Pediatric Surgery, Dallas TX
9/21/18	Curriculum vitae and letter of intent	Core curriculum, fellows, Dept Pediatrics
10/18/18	High-frequency oscillation	TeleNICU, Trinity Mother Frances Hospital
10/26/18	Critical review of High-frequency jet ventilation (HFJV) at Parkland	Fall 2018 CEU Lecture Series Respiratory Therapists, Parkland Hospital
5/8/19	Optimizing Individual Nutrition in Preterm Infants: Randomized Clinical Trial (RCT)	Department of Pediatrics Grand Rounds, Dallas TX
10/12/19	Delivery Room CPAP for Term Infants	Pediatric Department Research Retreat
2/19/2020	Neonatal hypoglycemia	TeleNICU program – Navarro Regional, Corsicana, Texas
2/21/2020	Lunch & Interactive Session: Nutrition and the Developing Brain: Luc P. Brion, MD & Jordan Reis, MD	Brain Matters 2020, Parkland Health & Hospital Systems, Dallas, TX
4/6/2023	Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC Brion LP, Nayak SP	Grand Rounds, Pediatric Surgery, UTSW
<u>Local (Division of Neonatal-Perinatal Medicine [NPM], UTSW)</u>		
2007-2023	Annual report Parkland NICU	NPM divisional research series
9/7/07	The COIN Trial: CPAP or Intubation in very preterm infants	Research Conference and Journal Club
12/14/07	TOLSURF Trial	Research Conference and Journal Club
2008-2023	Ventilators in the NICU	Fellows/residents series
2/14/08	CONSORT	EBM Conference for Fellows
4/10/08	Hulley, Chapter 8	EBM Conference for Fellows
5/8/08	Hulley, Chapter 9	EBM Conference for Fellows
5/29/08	Neonatal Pharmacology I	Fellows Physiology Conference
6/5/08	Neonatal Pharmacology II	Fellows Physiology Conference
6/23/08	Statistics: Introduction; parametric tests inferring a difference	EBM
6/24/08	Statistics: Introduction; parametric tests of association; non parametric tests; diagnostic tests; systematic review	EBM
6/25/08	Statistics: Introduction; parametric tests of association; non parametric tests; diagnostic tests; systematic review; sample size	EBM
6/26/08	Statistics: sample size	EBM
7/18/08	First steps, sources of information, caveats	Life after fellowship
7/24/08	Interview, negotiations	Life after fellowship
7/25/08	Skill lab: laryngeal mask, intraosseous infusion	Fellows
9/25/08	Introduction to statistics	EBM Conference for Fellows
12/19/08	Journal Club: Insulin therapy in VLBW infants	Research Conference and Journal Club



2/12/09	Parametric Statistics	EBM Conference for Fellows
5/14/09	Logistic regression	EBM Conference for Fellows
5/21/09	Control of Respiration: Pharmacology of Theophylline/Caffeine	Fellows Physiology Conference
7/13/09	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	EBM
7/23/09	Neonatal artificial ventilation: adjusting to blood gases	EBM
7/24/09	HFO	EBM
8/12/09	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	EBM
8/13/09	Negotiation skills	Fellows
8/18/09	Neonatal artificial ventilation: adjusting to blood gases	Fellows
8/19/09	HFO	Fellows
9/9/09	Skill labs	Fellows
9/25/09	Single-Dose Vitamin E for Prevention of Mortality and Morbidity in Extremely Preterm Infants: Pilot Study (presented a protocol proposed by another investigator at NICHD NRN)	Division of Neonatal-Perinatal Medicine: Research Conference and Journal Club
10/15/09	PAH and iNO	Fellows
11/19/09	Renal Development and Functional Maturation	Fellows
11/19/09	Neonatal artificial ventilation: adjusting to blood gases	Fellows
11/25/09	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	Fellows
11/30/09	HFO	Fellows
12/1/09	PAH and iNO	Fellows
12/10/09	Hypothesis and underlying principles/estimating sample size and power	EBM Conference for Fellows
4/8/10	Meta-analysis	EBM Conference for Fellows
7/8/10	Duty hours, access to email/internet	1 <sup>st</sup> yr fellows
7/9/10	Skill labs	1 <sup>st</sup> yr fellows; Parkland NNPs
7/12/10	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	1 <sup>st</sup> yr fellows
7/12/10	Neonatal artificial ventilation: adjusting to blood gases	1 <sup>st</sup> yr fellows
7/12/10	HFO	1 <sup>st</sup> yr fellows
7/12/10	Pulmonary hypertension	1 <sup>st</sup> yr fellows
10/8/10	Changes associated with the SUPPORT Trial	Research Conference and Journal Club
10/15/09	PAH and iNO	Fellows
11/17/10	Skill lab: pigtail catheter (with Brittany Wall)	Fellows; Attendings
11/18/10	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	Fellows
11/19/10	Neonatal artificial ventilation: adjusting to blood gases	Fellows
12/21/10	HFO	Fellows
12/22/10	PAH	Fellows
1/21/11	What is neonatal hypoglycemia? (with Mari Afanador)	NEOCAT
1/27/11	Nosocomial infections: fungal prophylaxis, fluconazole, CONSORT	EBM
2/3/11	CV, Portolio, Letter of Application	2 <sup>nd</sup> year fellows
2/17/11	Professionalism	Fellows in Neonatal-Perinatal Medicine
3/17/11	Pulmonary physiology	Fellows Physiology Conference
4/21/11	Neonatal Pharmacology I	Fellows Physiology Conference
5/5/11	Neonatal Pharmacology II	Fellows Physiology Conference
7/8/11	Skills lab	1 <sup>st</sup> yr fellows; Parkland NNP students; Christina Stine (resident)
7/11/11	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	Fellows
7/11/11	Neonatal artificial ventilation: adjusting to blood gases	Fellows
7/12/11	HFO	Fellows
7/12/11	Pulmonary hypertension, iNO, CDH	Fellows
8/16/11	Neonatal artificial ventilation: modes of ventilation and pulmonary mechanics	Fellows
8/16/11	Neonatal artificial ventilation: adjusting to blood gases	Fellows

8/17/11	HFO	Fellows
8/17/11	Pulmonary hypertension, iNO, CDH	Fellows
9/28/11	Preparing for an interview (with Sunny Kang)	Third year fellows
9/29/11 2 PM	Predicting success of extubation during hydrocortisone therapy and the effect of different modes of synchronized ventilation	Research presentation (presented a protocol proposed by another investigator at NICHD NRN)
10/11/11 & 10/12/11	Sodium Diuretic Factorial Trial (NICHD NRN proposal; one of the co-investigators)	Research presentation
10/13/11	Hulley Chapter 4: variables	Fellows EBM
12/22/11	Hulley Chapter 3: diagnosis and treatment	Fellows EBM
1/26/12	Does early vs. late ventricular intervention improve neurodevelopmental outcomes of ELBW with post hemorrhagic ventricular dilatation	Fellows EBM
2/6/12	Randomized Controlled Trial of Volume-Targeted vs. Pressure-Limited Modes of Conventional Mechanical Ventilation in Extremely Low Birth Weight Infants Receiving Ventilatory Support (presented a protocol proposed by another investigator at NICHD NRN)	Research presentation
2/8/12	Sodium Diuretic Factorial Trial (NICHD NRN proposal, one of the co-investigators)	Research presentation
2/8/12	Life after fellowship: CV, portfolio, statement letter	2 <sup>nd</sup> year fellows
4/4/12	Randomized trial of vitamin E for prevention of ICH or death (NICHD NRN proposal, one of the co-investigators)	Research presentation
4/5/12	Pharmacology of caffeine treatment and mechanisms of action	Fellows Physiology Conference
6/7/12	Renal development and adaptation	Fellows Physiology Conference
7/3/12	Artificial ventilation: pulmonary mechanics, conventional	1 <sup>st</sup> year fellows
7/3/12; 7/5/12	Artificial ventilation: O <sub>2</sub> , CO <sub>2</sub>	1 <sup>st</sup> year fellows
7/5/12	Artificial ventilation: HFO	1 <sup>st</sup> year fellows
7/9/12	Artificial ventilation: PAH	1 <sup>st</sup> year fellows
7/10/12	Skill labs: intubation, thyrocricoidotomy, pericardiocentesis, intraosseous line placement, LMA	1 <sup>st</sup> year fellows; Parkland NNPS
7/12/12	Blood gas analysis	1 <sup>st</sup> year fellows
8/7/12	Acute Kidney Injury in Neonates Cooled for Neonatal Hypoxic-Ischemic Encephalopathy (David Askenazi) (NICHD NRN proposal, one of the co-investigators)	Research presentation
9/12/12	EBM:Hulling –Cummings Chapter 1: anatomy and physiology of research	EBM
9/26/12	STROBE statement	EBM
10/12/12	Changes in processes of care and outcomes during and after a randomized trial	Research presentation
2/20/13	CV, Portolio, Letter of Application, selecting a job	Life after fellowship: 2 <sup>nd</sup> year fellows:
3/6/13	Life after fellowship: Academic Job: Tracks, Promotion, Expectations	Fellows: Life after fellowship Series
5/10/13	Volume Targeted Ventilation (NICHD NRN proposal, one of the co-investigators)	Research presentation
6/19/13	Nutrition: intrauterine and extrauterine growth, calories, protein	All fellows
7/3/13	Conventional ventilation	First year fellows:
7/3/13	HFO	First year fellows
7/9/13	Nutrition: intrauterine and extrauterine growth, calories, protein	First year fellows
8/2/13	Skill lab: intubation, pericardiocentesis, laryngeal mask, cricothyroidotomy, intraosseous line	First year fellows & NNPs
10/9/13	Lina Chalak, LP Brion: Leaders and Managers	Fellows
10/14/13	Brion, Kang: Negotiations, interviews	Third year fellows
12/12/13	CONSORT statement; VTV	All fellows (EBM series)
2/6/14	Pharmacology	All fellows (physiology series)

2/21/14	Outcomes of ELGANs at Parkland: Neonatal mortality, IVH, pulmonary hemorrhage	Research Conference and Journal Club
3/10/14	Mortality and Morbidity in ELGANs at Parkland in 2008-2012 Proposal for QI Bundle	Research presentation
6/5/14	Pharmacology II	All fellows (physiology series)
6/19/14	Equations in neonatal-perinatal medicine	All fellows (physiology series)
7/3/14	Neonatal ventilation I	First year fellows
7/3/14	Neonatal ventilation II	First year fellows
7/7/14	High-frequency oscillation	First year fellows
7/8/14	Nutrition	First year fellows
7/9/14	NRP skill lab (Christina Stine)	First year fellows
7/9/14	Skill labs	First year fellows
9/10/14	Randomized controlled trial of high-dose caffeine in extremely preterm infants	Research presentation (presented a protocol proposed by another investigator at NICHD NRN)
9/11/14	EBM: Nutrition vignettes #1: introduction to EBM, calories and proteins, fortifying breast milk	All fellows
9/24/14	MOCHA: randomized controlled trial of caffeine at home in moderately preterm infant	Research presentation (presented a protocol proposed by another investigator at NICHD NRN)
9/25/14	EBM: Nutrition vignettes #2: calories and proteins, milk concentration, malabsorption	All fellows
10/9/14	EBM: Nutrition vignettes #3: nutrient deficiencies	All fellows
10/16/14	X ray quiz	All fellows
10/23/14	EBM: Nutrition vignettes #4: Electrolytes, failure to thrive, renal	All fellows
11/13/14	EBM: Nutrition vignettes #5: Lipids, BM fortification	All fellows
2/11/15	Individualized and Optimized vs. Optimized Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants.	Research presentation
4/15/15	Caffeine	Physiology series
4/22/15	X ray quiz	All fellows
6/3/15	Individualized and Optimized vs. Optimized Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants.	QI presentation
7/1/15	Orientation to fellowship I and II	1 <sup>st</sup> year fellows:
7/6/15	Conventional Ventilation	1 <sup>st</sup> year fellows
7/6/15	HFO, air leaks	1 <sup>st</sup> year fellows
7/6/15	Research orientation	1 <sup>st</sup> year fellows
7/7/15	Wellness resources	1 <sup>st</sup> year fellows
7/8/15	NRP with Heather Weydig	1 <sup>st</sup> year fellows
7/8/15	Skill lab with Shawndip Sen, Kay Reed, Cheryl Pitman	1 <sup>st</sup> year fellows
7/9/15	Ventilation strategies	1 <sup>st</sup> year fellows
7/10/15	Antenatal consult	1 <sup>st</sup> year fellows
7/10/15	Nutrition guidelines	1 <sup>st</sup> year fellows
9/30/15	Life after fellowship: preparing for interviews	3 <sup>rd</sup> year fellows
12/10/15	Individualized and optimized nutrition: QI and RCT	QI and research presentation
2015-2023	Resuscitation conference	Parkland Hospital
4/28/2016	Chap. 13 Straus. Meta analysis and systemic reviews	EBM
5/5/2016	Assessing Neonatal Growth Charts	Pathophysiology
7/1/16	Orientation to fellowship I and II	Orientation to fellowship I and II
7/5/16	Conventional ventilation	1st year fellows
7/6/16	HFO, HFJV	1st year fellows

7/8/16	Antenatal consult	1st year fellows
7/8/16	Checkout	1st year fellows
7/11/16	Nutrition	1st year fellows
7/11/16	Research orientation	1st year fellows
7/14/16	Patients safety: ESET, Safety Post; Cultural sensitivity	1st year fellows
10/18/16	Individualized nutrition of preterm infants to optimize growth and body composition	NNPs Parkland
11/4/16	Individualized nutrition of preterm infants to optimize growth and body composition	Research presentation
2/9/17	EBM moderator: Fungal Prophylaxis	All fellows (EBM)
2/17/17	NEOCAT neonatal hypoglycemia Kathryn Johnson, Lisa Scheid, Brion LP	Friday divisional research series
4/20/17	Pharmacology I	All fellows (physiology)
5/11/17	Indomethacin QI & SAFE Trial	All fellows (EBM)
5/18/17	Pharmacology II	All fellows (physiology)
7/3/17	Orientation to fellowship I	1st year fellows
7/5/17	Orientation to fellowship II	1st year fellows
7/5/17	Conventional ventilation	1st year fellows
7/5/17	HFO, HFJV	1st year fellows
7/7/17	Antenatal consult	1st year fellows
7/10/17	Ventilation: case discussions	1st year fellows
7/11/17	Nutrition	1st year fellows
7/11/17	Fluids and electrolytes	1st year fellows
2/2/18	Neonatal Research Network Trial Proposal Update: Randomized Controlled Trial of Budesonide/Surfactant versus Surfactant alone in Extremely Preterm Infants ("The Budesonide in Babies (BiB) Trial)	Friday divisional research series
3/22/18	Systematic review, meta-analysis	EBM
5/2/18	Individualizing and Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Very Preterm and Small for Gestational Age Preterm Infants	Research presentation
6/28/18	PICO questions, review/analysis of review	EBM
7/3/18	Antenatal consult	1 <sup>st</sup> year fellows
7/3/18	Artificial ventilation	1 <sup>st</sup> year fellows
7/5/18	High-frequency ventilation	1 <sup>st</sup> year fellows
7/5/18	Blood gas analysis	1 <sup>st</sup> year fellows
7/6/18	Fluids & electrolytes	1 <sup>st</sup> year fellows
7/6/18	Nutrition	1 <sup>st</sup> year fellows
9/28/18	Individualizing and Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Very Preterm and Small for Gestational Age Preterm Infants	Research presentation
10/4/18	Flip class: GI/nutrition: digestion, absorption	Physiology
10/15/18; 10/29/18	Individualized nutrition of preterm infants to optimize growth and body composition	NNPs Parkland
12/6/18	Flip class: Hematology: Biochemistry & Metabolism of Bilirubin and Hyperbilirubinemia of Newborn	Physiology
12/7/18	Plan for reducing necrotizing enterocolitis at Parkland	NNPs, dietitians Parkland, Attendings
4/17/19	Improving growth and weight-for-length proportion in very preterm infants: Quality improvement project	Thrive Clinic, Children's Medical Center, Dallas, TX
4/24/19	Growth curves	Thrive Clinic
6/26/19	Nutritional factors associated with growth from discharge to one year of age in AGA very preterm infants	Thrive Clinic
7/25/19	Nutrition: calories, protein, growth	1 <sup>st</sup> year fellows
7/25/19	Ventilator and blood gas analysis	1 <sup>st</sup> year fellows

7/25/19	Neonatal artificial ventilation		1 <sup>st</sup> year fellows
8/13/19	Reducing CPAP-associated Pneumothorax		Neo-QIC, Parkland Hospital
2/8/19	Annual Report Parkland NNICU		Friday divisional research series
2/14/19	Neonatal Research Network Trial Proposal Update: PRIMED Study (Personalized Research on diuretic Management in Evolving BPD (PRIMED Study))		Research presentation
2/28/2020	Lower vs. traditional treatment threshold for neonatal hypoglycemia		Friday divisional research series
4/24/20	Zinc as an essential nutrient for growth and brain growth and function in extremely low gestational age neonates		Friday divisional research series
5/28/20	Sample size, registries, preprints (reviewed or not)		EBM series
6/4/20	Neonatal Pharmacology II		EBM series
6/18/20	Equations and Formulae in Neonatal-Perinatal Medicine		EBM series
7/20/20	Nutrition, calories, protein, growth curves		1 <sup>st</sup> year fellows
7/23/20	HFO, HFJV		1 <sup>st</sup> year fellows
7/23/20	Fluids electrolytes		1 <sup>st</sup> year fellows
7/23/20	Ventilator blood gases		1 <sup>st</sup> year fellows
7/23/20	Artificial ventilation		1 <sup>st</sup> year fellows
7/24/20	Summary of research on growth and nutrition		1 <sup>st</sup> year fellows
9/10/20	EQUATOR & Clinicaltrials.gov		EBM series
10/29/20	Implicit bias: Myths and Facts		Special presentation
2021-2023	Necrotizing enterocolitis		3rd Year Medical Student Experience
2/11/21	BPD: Shelby Brennan/Rashmin Savani		EBM series
3/26/21	NEOCAT on Probiotics with Jordan Reis, Mariela Sanchez-Rosado, Mambarambath Jaleel		Friday divisional research series
5/6/21	Control of Respiration: Pharmacology of Caffeine Tx and Mechanisms of Action		Pathophysiology series
6/24/21	AKI with Mariela Sanchez-Rosado		EBM series
8/9/21	High-frequency ventilation		1 <sup>st</sup> year fellows
8/17/21	Blood gases and ventilation		1 <sup>st</sup> year fellows
8/17/21	Fluids and electrolytes		1 <sup>st</sup> year fellows
3/26/21	NEOCAT on Probiotics with Jordan Reis, Mariela Sanchez-Rosado, Mambarambath Jaleel		Friday divisional research series
9/23/21	Systematic reviews and meta-analysis		EBM series
10/8/21; 10/15/21	NEOCAT on zinc and precision feeding Sanchez-Rosado, Cheryl Lair, Roy Heyne, Luc P Brion	Mariela	Friday divisional research series
7/25/22	Blood gas analysis (flipped class)		Fellows orientation
7/25/22	Fluids and electrolytes (flipped class)		Fellows orientation
9/22/22	Assessment of a new score to predict NEC stage III: Brion, Nayak		NPM special presentation
11/4/22	Zinc deficiency in preterm infants		NPM divisional research series
12/1/22	Neonatal Pharmacology I		Pathophysiology series
12/15/22	Neonatal Pharmacology II		Pathophysiology series
2/2/2023	Equations and Formulae in Neonatal-Perinatal Medicine: MFM, pulmonary		Pathophysiology series
3/16/23	Equations and Formulae in Neonatal-Perinatal Medicine: Cardiac, fluids/nutrition, renal, Q &A		Pathophysiology series
4/14/2023	NeoCAT: Probiotics. . .Yay or Nay? Nayak, Chelsea Johnson-Hence, Luc P. Brion	Pritha	NPM divisional research series
12/07/2023	NEC QI: Nayak, Stumpf, Jaleel, Ortigoza, Angelis		NPM divisional research series
4/6/24	Acute kidney injury		EBM series

### **Technological and Other Scientific Innovations**

**Risk calculator for surgery or death from necrotizing enterocolitis.**  
<https://www.thieme-connect.com/products/ejournals/abstract/10.1055/a-2253-8656>

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## Peer-Reviewed Publications

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#### Reviews, Chapters, Monographs and Editorials

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#### Books/Textbooks

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#### Meetings Summaries or Proceedings

1.	<b>Brion L</b> , Ureel D, Fondu P. Syndrôme d' Imerslund-Gräsbeck. Oral presentation at Réunion de la Société belge de Pédiatrie, Brussels, Belgium, 1/23/77
2.	<b>Brion L</b> , Heenen M, Courtoy M, Bachelart D, Szliwowski H, Tondeur M. Mucocutaneous lymph node syndrome. Oral presentation at Réunion de la Société belge de Pédiatrie, Brussels, 10/7/78
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5.	Szliwowski H, <b>Brion L</b> , Pardou S, Tondeur M. Asphyxia, neonatal seizures and cerebral palsy. Oral presentation at International Cerebral Palsy Soc, Brussels, 11/28-29/80
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7.	Avni FE, <b>Brion L</b> . Dépistage des pathologies rénales et périrénales chez le nouveau-né "à risques" par les ultrasons. (Ultrasonographic screening for renal and abdominal abnormalities in "at risk" neonates). Oral presentation at Journées annuelles de Pédiatrie, Société belge de Pédiatrie, Brussels, 3/27-28/81
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52.	<p><b>Brion LP</b>, Yong SC, Perez I, Primhak RA. Ranking outcome variables and comparing the design of eligible studies to current standard of care: two steps towards assessing relevance of existing research. Oral presentation at: VIIth Cochrane Colloquium. The Best Evidence for Health Care: the Role of the Cochrane Collaboration. Rome, Italy, 10/8/99</p>
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61.	<b>Sisman J</b> , Campbell DE, Brion LP. Amplitude-integrated EEG in preterm infants. a) <i>J Investigative Med</i> 2003;51:Suppl 2, S422. Oral presentation at ESPR, Old Greenwich, CT, 3/22/03 b) <i>Pediatr Res</i> 2003;53:448A. Poster presentation at SPR, Seattle, WA, 5/6/03
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66.	Uko S, Dave V, Soghier LM, Nafday S, Reinersman G, Herring L, <b>Brion LP</b> . Short course of fluconazole prophylaxis in very low birth weight infants. a) Oral presentation at ESPR, Old Greenwich, CT, 3/6/05 b) Oral presentation at NY Perinatal Society, NY, 5/4/05 c) Poster presentation at SPR, Washington, DC, 5/14/05
67.	Soghier LM, <b>Brion LP</b> . Cysteine supplementation in parenterally fed neonates: Systematic Review. a) Poster presentation at ESPR, Old Greenwich, CT, 3/17/06 b) Poster Presentation at SPR, San Francisco, CA, 5/2/06
68.	<b>Brion LP</b> , Wyckoff MH, Jaleel M, Sánchez PJ, Burchfield J, Christie L. Delivery room practice change following the initiation of the SUPPORT trial. Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/4/08
69.	Jaleel MA, <b>Brion LP</b> , Wyckoff MH. Impact of Changes In The 2006 Neonatal Resuscitation Program (NRP) Recommendations For Epinephrine Usage In Delivery Room, Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/4/08
70.	Dave V, <b>Brion LP</b> , Campbell DE, Scheiner M, Raab C, Nafday SM. Niroscopic tissue oxygenation changes of the splanchnic region in preterm neonates after feeds. a) Platform presentation at the 2008 Eastern Society for Pediatric Research Annual Meeting, Philadelphia, Pennsylvania, March 28–30, 2008 b) Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/5/08
71.	<b>Brion LP</b> , Wyckoff MH. Association of congenital heart disease (CHD) with mortality and morbidity in preterm infants. Poster presentation at PAS-SPR, Baltimore, MD, 5/4/09
72.	Sparks JE, Jaleel MA, Christie L, <b>Brion LP</b> , Wyckoff MH. Oral presentation at 75th Perinatal and Developmental Medicine Symposium “The Art and Science of Resuscitation”, Mead Johnson Nutritionals, Marco Island, FL, 11/19/09
73.	Chalak LF, <b>Brion LP</b> , Morris MC, Burchfield J, Christie L, Sánchez PJ. Biochemical screening criteria for assessment of hypoxic-ischemic encephalopathy (HIE): How do they apply to the late preterm infant? Poster presentation at PAS-SPR, Vancouver, Canada, 5/10
74.	Kapadia VS, Chalak LF, Dupont TL, Christie L, Burchfield J, <b>Brion LP</b> , Wyckoff MH. Hyperoxemia within the 1st hour of life following perinatal asphyxia and subsequent development of moderate-severe hypoxic ischemic encephalopathy (HIE). Platform presentation at PAS-SPR, Vancouver, Canada, 5/10
75.	Sparks JE, Jaleel MA, Christie L, <b>Brion LP</b> , Wyckoff, MH. Impact Of Changes In The 2006 Neonatal Resuscitation Program (NRP) Recommendations For Epinephrine Usage In Delivery Room. 1. Presented at Mead Johnson Nutritionals South Central Conference on Perinatal Research, 10/26-28/10 2. Platform Presentation at PAS, Denver, CO, 5/1/11
76.	Bell EF, Hansen NI, Ehrenkranz RA, <b>Brion LP</b> , Kennedy KA, Walsh MC, Shankaran S, Acarregui MJ, Johnson KJ, Hale EC, Messina LA, Cunningham MM, Das A, Higgins RD. Eunice Kennedy Shriver NICHD Neonatal Research Network, Bethesda,



	MD. Tocopherol levels in very preterm infants after a single dose of vitamin E given soon after birth. Platform presentation at PAS, Boston, MA, 4/28/12
77.	LeVan JM, Wyckoff MH, Jaleel MA, Sánchez PJ, Ahn C, Burchfield J, Christie L, <b>Brion LP</b> . Impact of initiating the NICHD Neonatal Research Network SUPPORT Trial on management and outcomes of gestational-age matched non-participants. Platform presentation at PAS, Boston, MA, 4/28/12
78.	Grover T, Brozanski B, <b>Brion LP</b> , Zaniletti I, McCarran WJ, Evans J, Murthy K, for the Children’s Hospitals Neonatal Database (CHND) sCLD Focus Group. Analgesia and sedation utilization in preterm infants with severe chronic lung disease (sCLD): A report from the Children’s Hospital Neonatal Database (CHND). Poster presentation at PAS, Boston, MA, 4/28/12
79.	Motta CL, Scott W, Mahony L, Koch J, Wyckoff MH, Reisch J, <b>Brion LP</b> . Association of Congenital Heart Disease and Necrotizing Enterocolitis in Preterm Infants. <ul style="list-style-type: none"> <li>a) Poster presentation at 82nd Perinatal &amp; Developmental Medicine Symposium “The Microbiome in Perinatal Health and Disease,” Aspen, Colorado, June 6-9, 2013</li> <li>b) Poster presentation at American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL, 10/25/13</li> <li>c) Platform presentation at Section on Perinatal Pediatrics, 20th South Central Conference on Perinatal Research, Lakeway Resort, Austin, Texas, 10/29/13</li> </ul>
80.	Levan J, <b>Brion LP</b> , Wrage LA, on behalf of the NICHD NRN. Changes in therapy and outcomes associated with the SUPPORT Trial. Poster presentation at PAS, Washington DC, May 5, 2013
81.	Jaleel M, Clipp K, Ennis B, <b>Brion LP</b> , Christie L. “Trounce the CONS” initiative: Eliminating Coagulase Negative Staphylococcal Infections in the NICU. Poster presentation at 2013 University of Texas System Clinical Safety and Effectiveness Conference, Public Policy and Public Health Effect Health Care Reform, San Antonio, TX, 9/26/13
82.	Sheehan JW, Pritchard MA, Brown S, Heyne RJ, Jaleel MA, Engle WD, <b>Brion LP</b> . Withdrawal of Support in preterm Infants with Periventricular Hemorrhagic Infarction. Poster presentation at PAS, San Diego, CA, 4/28/15
83.	DeVries LD, Jaleel M, Kapadia V, Heyne R, <b>Brion LP</b> . Relationship between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery. <ul style="list-style-type: none"> <li>a. Poster presentation at 86th Perinatal &amp; Developmental Medicine Symposium “Perinatal Genomics” Aspen, Colorado, June 4-7, 2015</li> <li>b. Platform presentation at the AAP Section on Neonatal-Perinatal Medicine 22nd South Central Conference on Perinatal Research, Austin, TX. October 2015.</li> <li>c. Poster presentation at the 2016 Southern Regional Meeting, New Orleans, LA, 2/18/2016</li> </ul>
84.	Weydig HM, Jaleel MA, Frost M, <b>Brion LP</b> . Parkland QI Bundle: Reducing Mortality and Morbidity in Extremely Low Gestational Age Neonates (ELGANs) at Parkland. Poster presentation at AAP National Conference and Exhibition, Washington DC, 10/23/2015
85.	Chawla S, Shankaran S, Natarajan G, Carper B, Gantz M, <b>Brion LP</b> , Keszler M, Carlo WA, Ambalavanan N, Das A, Finer N, Higgins RD, for the NICHD SUPPORT Subcommittee. Prediction of Extubation Failure and associated Morbidities among Extreme Premature Infants. Poster presentation at PAS, Baltimore, MD, 5/2/2016
86.	DeVries LD, Jaleel M, Kapadia V, Brown LS, Heyne R, <b>Brion LP</b> . Relationship between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery. Poster presentation at Baltimore, MD, PAS, 5/3/2016
87.	Pavageau L, Rosenfeld C, Heyne R, Brown LS, DeLeon M, Chacko S, Caraig M, <b>Brion LP</b> . Validation of Serial Length Measurements in Preterm Infants in the Neonatal Intensive Care Unit (NICU). Presentation at Western Conference on Perinatal Research, American Academy of Pediatrics Section on Neonatal-Perinatal Medicine. Indian Wells, California, 01/11-13/17
88.	Pavageau L, <b>Brion LP</b> , Brown LS, Rosenfeld CR, Jaleel MA. Consensus Guidelines for Patent Ductus Arteriosus (PDA) Treatment Decreases Need for Treatment: A 15y Experience. <ul style="list-style-type: none"> <li>a. Poster presentation at PAS, San Francisco, CA, 5/2017</li> <li>b. Poster Presentation at Hot Topics in Neonatology Conference, Washington DC, 12/ 10-13/2017</li> <li>c. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018</li> <li>d. Oral Presentation at SSPR, New Orleans, LA, February 24, 2018</li> </ul>
89.	Weydig HM, Jaleel MA, Frost MS, Burchfield PJ, <b>Brion LP</b> . A Quality Improvement (QI) Project to Reduce Severe Intraventricular Hemorrhage (IVH). <ul style="list-style-type: none"> <li>a. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018</li> <li>b. Poster at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018</li> </ul>
90.	Weydig HM, Jaleel MA, Frost MS, Burchfield PJ, <b>Brion LP</b> . Interaction between Prophylactic Indomethacin (PIndo) and Antenatal Steroids (ANS) leading to Spontaneous Intestinal Perforation (SIP). <ul style="list-style-type: none"> <li>a. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018</li> <li>b. Poster at Pediatric Academy Societies, Toronto, Canada, PAS, 5/7/2018</li> </ul>
91.	Frost M, Scarborough A, Austin A, <b>Brion LP</b> . Comparing Combined Weighted Ordered Rank Lists to Traditional Evaluation Methods for Creation of Rank Lists of Neonatal Fellowship Applicants. <ul style="list-style-type: none"> <li>a. Poster presentation at APPD Meeting 2018</li> <li>b. Oral presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/6/2018</li> </ul>
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113.	Reis JD, Sánchez-Rosado M, Kiefaber I, <b>Brion LP</b> . Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants. E-poster presentation at AAP NCE, 10/8/21

114.	Saha S, Wickland J, Brennan S, Gant T, Lee D, <b>Brion LP</b> , Dariya V. Improving Intubations at the Children's Medical Center, Dallas (CMCD) Using an Intubation Bundle. Oral presentation at 43rd Western Conference on Perinatal Research, Indian Wells, California, January 11-13, 2022
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118.	Reis JD, Sánchez-Rosado M, Mathai D, Kiefaber I, <b>Brion LP</b> . Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants, Poster presentation, PAS, Denver, CO, 4/24/2022
119.	Sánchez-Rosado M, Reis JD, Verma D, Kiefaber I, Burchfield, Brown S, <b>Brion LP</b> . Necrotizing enterocolitis in small for gestational age (GA) (SGA) vs appropriate for GA (AGA) infants. Poster presentation, PAS, Denver, CO, 4/25/2022
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121.	Babata KL, Yeo KT, Sultana R, Chan CS, Mazzarella K, Adhikari EH, Kong JY, Hascoët J, <b>Brion LP</b> . Feeding strategies to prevent neonatal SARS-CoV-2 infection in term or late preterm babies born to mothers with confirmed COVID-19. Poster presentation, PAS, Denver, CO, 4/23/2022
122.	Mir I, Frost M, <b>Brion LP</b> . Correlation between In-Training Examination Scores and Neonatal-Perinatal Medicine Boards Pass Rate. <ul style="list-style-type: none"> <li>• Poster presentation, PAS, Denver, CO, 4/22/2022</li> <li>• Poster presentation, APPD 2022 Annual Spring Meeting, San Diego, CA, 5/17-18/2022</li> </ul>
123.	Reis JD, Tolentino-Plata K, Caraig M, Heyne R, Rosenfeld CR, Brown LS, <b>Brion LP</b> . Double-Blinded Randomized Controlled Trial (RCT) of Optimizing Nutrition in Preterm (PT) Very Low Birth Weight Infants: Bayley Scores at >18 Months of Age. Oral poster symposium, PAS, Denver, CO, 4/24/2022
124.	Imran Mir, Mariela Sánchez-Rosado, Jordan D Reis, Larry S Brown, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Pritha Nayak, <b>Luc P Brion</b> , Polienna Sepulveda., The impact of fetal Inflammatory response on the severity of necrotizing enterocolitis in preterm infants. Poster presentation at PAS, Washington DC, 04/28/2023
125.	Pritha Nayak , IN Mir, Mariela Sánchez-Rosado, Jordan D Reis, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Anita Thomas, Polienna Sepulveda, Priya Sharma, <b>Luc P Brion</b> . Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC. Poster presentation at PAS, Washington DC, 04/29/2023
126.	Sisman J, Black LF, Weiss A, Brown LS, <b>Brion LP</b> . Association of maternal illness severity for COVID-19 with maternal and neonatal health outcomes. Poster presentation at PAS, Washington DC, 04/29/2023
127.	Mundra V, Chan CS, Kong JY, Sultana R, Mundra V, Babata KL, Mazzarella K, Adhikari EH, Yeo KT, Hascoët J, <b>Brion LP</b> . Optimal delivery management for the prevention of early neonatal SARS-CoV-2 infection: Systematic review and meta-analysis. Poster presentation at PAS, Washington DC, 04/29/2023
128.	Saha S, Wickland J, Brennan S, Gant T, Lee D, <b>Brion LP</b> , Dariya V. <ul style="list-style-type: none"> <li>• Improving Non Emergent Intubations at the Children's Medical Center, Dallas (CMCD) NICU Using an Intubation Bundle. Poster presentation at PAS, Washington, DC, 04/28/2023</li> <li>• Improving Elective Intubations (EI) in a Level IV NICU. Poster symposium presentation at CHNC meeting, 10/12/2023</li> </ul>
129.	Seidu TA, Angelis D, Heyne R, Brown LS, Lair CS, <b>Brion LP</b> . Zinc Supplementation Improves Linear Growth in Premature and Very Low Birth Weight Infants. Poster presentation at AAP NCE, Washington, DC, 10/2023
130.	Babata K, Albert RB, Oren MS, Burchfield PJ, Brown LS, Rosenfeld CR, <b>Brion LP</b> . Birthweight- and gestational age-specific survival between 1977-2022 for minority infants $\leq$ 1500g birthweight and delivered at a large community hospital. Poster symposium presentation at PAS, Toronto, Canada, 05/05/ 2024
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134.	Seidu TA, Angelis D, Heyne R, Brown LS, Jacob T, Edwards A, Lair CS, <b>Brion LP</b> . Zinc (Zn) Supplementation improves growth patterns in Premature < 33 weeks' gestational age (GA) or very low birthweight (VLBW, <1,500 g) infants. Poster presentation at PAS, Toronto, Canada, 05/03/2024

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Clinical Practice Guidelines

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16.	<b>Luc P Brion</b> , Cheryl Lair, Audrey Edwards, Theresa Jacob, Chen Du, Elizabeth Brammer Assessment and adjustment of nutrition and growth. in NeoSource, Mambarambath Jaleel, ed.; <a href="http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Nutrition%20Assessment.aspx">http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Nutrition%20Assessment.aspx</a> 2019; updated 2022
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1.	<b>Brion LP.</b> Review of: <u>Primary care of the newborn</u> , Edited by Henry M. Seidel, Beryl J. Rosenstein, and Ambadas Pathak, Mosby, Year Book, 1993. J Perinatol 13:257, 1993
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