***Curriculum vitae***

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| **Date prepared:** | **01/23/2024** |
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| **Work Fax:** | (214) 648-2481 |
| **Place of Birth:** | Uccle, Belgium |

**Education**

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

**Postdoctoral Training**

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| --- | --- | --- | --- |
| 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 |
| 1983 | Attendee | Fetal Growth | Perinatal and Developmental Medicine Symposium, Fetal Growth, Marco Island, FL |
| 1985-86 | Resident | Pediatrics | AECOM, Montefiore Medical Center |
| 1986-92 | Mentee | Developmental Nephrology | George J Schwartz, MD, Dept Peds, Div Pediatric Nephrol, AECOM |
| 1993-95 | Mentee | Nephrology and Molecular Biology | Victor L Schuster, MD, Dept Intermal Medicine, Div Nephrol, AECOM |
| 2008 | Participant | Research analysis using SPSS | Alan C. Elliott, University of Texas Southwestern (UTSW) |
| 2009 | Participant | Certificate Program for Clinical Program Directors | Ilene Harris, PhD, University of Illinois at Chicago |
| 2013 | Certificate | Clinical Safety and Efficacy (CSE) Course | W. Gary Reed, MD, UTSW |
| 2016 | Participant | CTM 5307 Epidemiology for the Clinical Investigator | Robert W. Haley, MD, UTSW |

**Current Licensure and Certification**

Licensure

Texas (active)

NY State (inactive)

Board and Other Certification

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 (latest examination passed in 2017)

2004 NRP Instructor, Regional Trainer

2006 SPEX

2007 Texas Medical Jurisprudence Examination

2020 HSP (CITI) 21-Oct-2023, expiration 21-Oct-2026

2022 GCP (CITI) 17-Dec-2022, expiration 17-Dec-2025

2022 Privacy and Information Security, UTSW, March 2, 2022

2023 GCP for Clinical Investigations of Devices (CITI) 18-Mar-2023, expiration 18-Mar-2026

2023 Research - HIPAA 3-24-2023; no expiration

**Honors and Awards**

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| --- | --- | --- |
| 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  https://tp.amegroups.org/post/view/reviewer-of-the-month-2022#August | Translational Pediatrics |
| 09/2022 | Nomination for Institutional Service Award | UTSW |

**Faculty Academic Appointments**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 1986-87 | Instructor | Pediatrics | Albert Einstein College of Medicine |
| 1987-92 | Assistant Professor | Pediatrics | Albert Einstein College of Medicine |
| 1992-98 | Associate Professor | Pediatrics | Albert Einstein College of Medicine |
| 1998-2006 | Professor | Pediatrics | Albert Einstein College of Medicine |
| 2006-April 10, 2023 | Professor | Pediatrics | University of Texas Southwestern Medical Center (UTSW) |
| April 11, 2023-current | Professor Emeritus | Pediatrics | UTSW |

**Appointments at Hospitals/Affiliated Institutions**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Position Title | Department/Division | Institution |
| 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 |
| 2007-2023 | Attending | Pediatrics/Neonatal-Perinatal Medicine | Children’s Medical Center of Dallas; Parkland Health & Hospital System; MCO & St Paul Hospital (2007-14); Clements Univ Hosp (2014-2023), Dallas, TX; Texas Health Resources (2016-2023) |

**Major Administrative/Leadership Positions**

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| --- | --- | --- |
| 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 |
| 1997-06 | Fellowship Training Program Director, Neonatal-Perinatal Medicine | Albert Einstein College of Medicine |
| 2007-19 | Fellowship Training Program Director, Neonatal-Perinatal Medicine | UTSW |

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

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| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| UTSW | | |
| 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 |
| National/International: Neonatal Research Network, NICHD | | |
| 2009-2023 | Site Alternate PI at UTSW | Pablo Sanchez, MD; Myra Wyckoff, MD |
| 2014-2019 | Human Subject Protection Committee | Michele Walsh, MD, Chair |

**Professional Societies**

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| --- | --- |
| 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 |
| 2000-04 | ESPR, Planning Committee |
| 2003-05 | Organization of Neonatal Training Program Directors (ONTPD), subcommittee on ACGME competencies |
| 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 | ESPR, Nomination Committee |
| 2006- current | American Medical Association, member |
| 2007-11 | ONTPD, Member of the Council |
| 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 |

**Grant Review Activities**

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| --- | --- | --- |
| 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**

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| --- | --- |
| Year(s) | Journal Name |
| Editorial Board | |
| 1993-present | Journal of Perinatology |
| Ad Hoc Reviewer | |
| 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-present | 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**

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| --- | --- |
| Past |  |
| 9/81-8/82 | *Grantor:* Tiercé Belge |
| *Title of Project:* Study on the assessment of neonates at risk for cerebral palsy |
| *Role: Co-Investigator; PI: H. Szliwowski, MD* |
| 7/87-6/88 | *Grantor:* Department of Pediatrics Internal Grant, Montefiore Medical Center |
| *Title of Project:* ‘Maturation of acid secretion in renal distal tubular cells in culture' |
| *Role: Principal Investigator* |
| Direct Costs: $10,000 |
| 7/88-6/91 | *Grantor:* American Heart Association, New York City Affiliate |
| *Title of Project:* Grant-in-Aid: 'Adaptative changes in renal H+ secretion' George J. Schwartz, PI |
| *Role: Co-Investigator* |
| 7/90-6/95 | *Grantor:* NIH (NIDDK) |
| *Title of Project:* Clinical Investigator Award: 'Regulation and development of renal acid-base transport' |
| *Role: Principal Investigator* |
| Direct costs $407,200 |
| 9/90-6/96 | *Grantor:* Albert Einstein College of Medicine |
| *Title of Project:* Biomedical Research Grants & Crisis Support Grant |
| *Role: Principal Investigator* |
| Direct costs $12-32,000/yr |
| 7/95-6/97 | *Grantor:* Department of Pediatrics, Montefiore Medical Center |
| *Title of Project:* Interdivisional Research Award (IRA), ‘Role of somatotropin in growth retardation associated with chronic metabolic acidosis’ |
| *Role: Principal Investigator* |
| Direct cost: $10,707/yr |
| 7/95-6/97 | *Grantor:* Department of Pediatrics Internal Grant, Montefiore Medical Center |
| *Title of Project:* “Molecular regulation of carbonic anhydrase IV isozymes’ |
| *Role:* Sponsor, Co-Investigator |
| Direct costs $20,000 |
| 1996-97 | *Grantor:* Pharmacia, Inc. |
| *Title of Project:* Hormonal mechanisms of growth failure in chronic acidosis |
| *Role: Co-Investigator:* Direct costs $14,000 |
| 4/96-4/98 | *Grantor:* Genentech Foundation for Growth and Development |
| *Title of Project:* ‘Hormonal mechanisms of growth failure in chronic acidosis’ |
| *Role: Principal Investigator* |
| Direct costs $37,273 & competitive renewal $27,273 |
| 1/97-12/99 | *Grantor:* American Heart Association |
| *Title of Project:* Grant-in-Aid: ‘Regulation of renal membrane-bound carbonic anhydrase in response to acidosis’ |
| *Role: Principal Investigator* |
| Direct costs $150,000 |
| 1997-99 | *Grantor:* Pharmacia, Inc |
| *Title of Project:* ‘Hormonal and cellular mechanisms of failure to thrive in acidotic mice’ |
| *Role: Co-Investigator* |
| *Direct costs $14,000* |
| 2002-06 | *Grantor:* Health and Medical Research Council (NHRMC), Australia |
|  | *Title of Project:* Nasal CPAP or Intubation For Very Preterm Infants At Birth. A Randomized Controlled Trial. The COIN trial |
|  | *Role:* One of 4 Chief Investigators, US representative and Center PI, Montefiore Medical Center |
|  | Direct costs (for the center): $4,000 |
| 2009-2016 | *Grantor:* NICHD Cooperative Multicenter Neonatal Research Network |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD1 |
| *Role: Site Alternate PI, UTSW Dallas, 4/8/09-3/31/11, 5% effort; 4/1/11-3/31/16 (Site PI: Pablo Sanchez, MD)* |
| *Annual amount: $200,000; First year* |
| *Total direct costs $1,000,000 over 5 years* |
| 2015-2017 | *Grantor:* Children’s Medical Center Foundation, Dallas, TX. Children’s Medical Center Clinical Advisory Committee (CCRAC) – Senior Investigator Research Award New Direction |
| *Title of Project:* ‘Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants’ |
| *Principal Investigator:* Total direct costs $100,000 |
| 2015-2019 | *Grantor:* Gerber Foundation, National Grant |
| *Title of Project:* ‘Individualizing and Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants’ |
| *Role: Principal Investigator* |
| Total direct costs $318,180 |
| 2017-2019 | *Grantor:* NIH, NOT-TR-17-018 |
| *Title of Project:* Facilitation of IRB Review for Multi-Site Clinical Research |
| *Role: Site PI, UTSW, Dallas;* PI: Nancy Bennet, Rochester University |
| Total direct costs first year: $40.083 |
| 2016-23 | *Grantor:* National Institute of Health, National Institute of Child Health and Human Development |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020 |
| *Role:* *Site Alternate PI*, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD |
| *Total amount and date (direct costs only):* Apr 2016-Mar 2023, $200,000/yr |
| 2023 | *Grantor:* National Institute of Health, National Institute of Child Health and Human Development |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020 |
| *Role:* *Site Alternate PI*, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD  Pending transfer to Vishal Kapadia, MD |

**Clinical Trials Activities**

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| --- | --- |
| Present |  |
| 2016-present | *Grantor:* NICHD NRN |
| *Title of Project:* RCT on budesonide/surfactant versus surfactant only (BIB Trial) |
| *Role:* 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); Rodger Soll (Burlington, USA);Benjamin Stoecklin (Basel, CHE)  *Role:* Participant |

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| Past |  |
| 1999-2002 | *Grantor:* Montefiore Medical Center, Bronx NY |
| *Title of Project:* Effect of carnitine supplementation in very low birthweight infants |
| *Role:* Co-Investigator |
| 2002-06 | *Grantor:* Canadian Institute for Health Research (CIHR) |
| *Title of Project:* Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study (MACS) |
| *Role:* Center Investigator: Paediatrics/Neonatal, Montefiore Medical Center |
| 2002-06 | *Grantor:* National Health and Medical Research Council (NHMRC), Australia |
| *Title of Project:* Nasal CPAP or intubation for very preterm infants at birth. A randomized controlled trial. The COIN trial |
| *Role:* Co-Investigator; North American Investigator /Collaborator/Coordinator |
| 2004 | *Grantor:* Forest Pharmaceuticals Inc |
| *Title of Project:* Pressure support ventilation with volume guarantee |
| *Role:* Co-Investigator: Statistical analysis |
| 2005-06 | *Grantor:* American Heart Association |
| *Title of Project:* National Registry of CardioPulmonary Resuscitation (NRCPR) |
| *Role:* Site *PI*, AECOM |
| 2010-12 | *Grantor:* NICHD Neonatal Research Network |
| *Title of Project:* Single-Dose Vitamin E for Prevention of Intracranial Hemorrhage (EPOCH) |
| *Role:* Co-Investigator |
| 2011-14 | *Grantor:* Neonatal Research Network, NICHD |
| *Title of Project:* Changes in Therapy and Outcomes Associated with The SUPPORT Trial |
| *Role:* Senior Investigator |
| 2014-15 | *Grantor:* APPD Fellowship Executive Committee |
| *Title of Project:* Entrustable Professional Activities (EPA) Research Project |
| *Role:* Site PI, UTSW, Fellowship in Neonatal-Perinatal Medicine |
| 2014-15 | *Grantor:* NICHD NRN |
| *Title of Project:* 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) |
| *Role:* Site PI, UTSW |
| 2016-20 | *Grantor:* NICHD NRN |
| *Title of Project:* Myoinositol cross-sectional study |
| *Role:* PI |
| 2016-2020 | *Grantor:* CCRAC (Children’s Health) & Gerber Foundation |
| *Title of Project:* Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Randomized Clinical Trial. ClinicalTrials.gov: ID: NCT02372136 |
| *Role:* PI |
| 2020-21 | *Grantor:* Cochrane Collaboration, Cochrane Neonatal Review Group |
| *Title of Project:* Cuffed versus uncuffed endotracheal tubes for artificial ventilation |
| *Role:* PI |
| 2020-23 | *Grantor:* American Academy of Pediatrics, Section of Neonatal-Perinatal Medicine (SONPM); |
| *Title of Project:* National Registry for Surveillance and Epidemiology of Perinatal COVID-19 Infections. PI: Mark Hudak |
| *Role:* Site PI |
| 2020-23 | *Grantor:* NICHD NRN |
| *Title of Project:* Moderately Preterm Infants With Caffeine at Home for Apnea (MoCHA) Trial |
| *Role:* Member of the sub-committee, site co-I |

**Teaching Activities**

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| Medical and graduate school didactic and small group teaching | |
| 1994-2000, 2003-04 | Renal Pathology & Pathophysiology: Case conferences with groups of 10-15 students, Albert Einstein College of Medicine |
| 2007-2013 | Medical Students Conference: Physiology of Perinatal Transition: groups of 3-5 students, UTSW |
| 2019-2022 | Medical Students: NICU tour |
| Dissertation committees | |
| 2006 | Clinical Research Training Program (CRTP) Study Section, Albert Einstein College of Medicine |
| Qualifying examination committees | |
| 1989-93 | Question-Writer for the Sub-Board in Neonatal-Perinatal Medicine Certifying Examination, American Board of Pediatrics |
| Medical student rotations | |
| 1986-2006 | Students rotating in neonatal intensive care unit, Albert Einstein College of Medicine |
| 2007-2022 | Students rotating in neonatal intensive care unit, UTSW |
| Postgraduate medical education (graduate & continuing medical education) | |
| 1997-2002 | Fellowship Training Directors Committee, Montefiore Medical Center |
| 1998 | Organizing Committee for Research Course for Fellows, Department of Pediatrics, Montefiore Medical Center |
| 1998 | Resource Person, Reviewer Training Beginner’s Workshop, Developing a Protocol and Review using Revman, Canadian Cochrane Center, Hamilton, Ontario, Canada |
| 1999 | Mini-Symposium on Perinatal/Neonatal Evidence-Based Medicine  Visiting Professors: Jack Sinclair, MD, Hamilton, Ontario, Canada; Robert Goldenberg, MD, Birmingham, Alabama;  Sponsored by a Visiting Professorship Grant, Greater New York March of Dimes, and by unrestricted grants  Organizing Committee: Luc P. Brion, MD, Madhu Gudavalli, MD, Philip Roth, MD, Ph.D., Mitchell Maiman, MD  Organizing Institutions: Albert Einstein College of Medicine, Montefiore Medical Center, Children’s Hospital at Montefiore, Staten Island University Hospital, New York Methodist Hospital, and NY Perinatal Society |
| 2006 | Chair, Graduate Medical Education Internal Review, Internal Medicine: Pulmonary Disease & Critical Care Fellowship Training Program, Albert Einstein College of Medicine |
| 2007-2019 | Curriculum Committee, Fellowship Training in 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 |
| 2007-2019 | Leader of Series on Professionalism; Co-Leader of Series on Life after Fellowship |
| 2007-2023 | Lectures for Fellows: Evidence-Based Medicine, Decision Making series, Pathophysiology |
| 2018 | Flip classes for physiology series, Fellows in Neonatal-Perinatal Medicine |
| 2008-14 | Lectures and workshops for core curriculum for Fellows in Department of Pediatrics |
| 2009-2023 | Lectures for Residents in Pediatrics |
| 2010 | Graduate Medical Education SubCommittee: Internal Review of Training Programs in Radiation Oncology; Nephrology; and Pulmonary Disease, GMEC, 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 |
| 2016-2017 | Organization of six-month supervised training in neonatal-perinatal medicine to regain ABP eligibility |
| 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. |
| 2017 | Creation of 6-month training program for ABP eligibility for Chad Barber, who successfully passed the NPM examination |
| 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 |
| Mentoring medical students | |
| 2021 | Isabelle Kiefaber, MS1: Initiation of pumping; Neonatal hypophosphatemia |
| 2021 | Diksha Verma, MS3: Necrotizing enterocolitis; currently Resident in Anesthesiology at UTSW |
| 2022-23 | Vinay Kalvacherla, MS3: Case report of hyponatremia; currently Resident in Pediatrics at University of Utah Health |
| Mentoring postdoctoral trainees | |
| 1981-84 | Gilles Rondia: Perinatal Diagnosis of renal malformations. Currently in pediatric practice, Brussels, Belgium |
| 1987-89 | Orna Rosen: Carbonic anhydrase in rabbit kidney; Carbonic anhydrase IV in mouse placenta. Currently Assistant Professor at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 1988-90 | Bellipady Rai: Bone & congenital syphilis. Currently in private practice as Neonatal Medicine Specialist in Newark, NJ. |
| 1988-90 | Madhu Goyal: MRI & seizures; Pulmonary function tests. Currently in private practice at South Plainfield NJ |
| 1989-92 | Angel Rios: MRI & seizures; Measurement of humidity in tubing. Currently Professor of Pediatrics at the University of Washington Medical Center / Seattle Children’s Hospital |
| 1988-90 | Rakesh Chhabra: Serology of congenital syphilis. Currently in private practice as Neonatal Medicine Specialist at Hackensack, NJ. |
| 1990-93 | Miguel Suarez: HIV serology. Currently neonatologist at San German, PR |
| 1991-99 | Barbara Russell, DO: Breast feeding incidence. Currently Clinical Chief Neonatology, BronxCare Health System, Bronx, NY |
| 1992-95 | Olga Garcia: Erythropoietin levels. Currently in private practice at Baptist Health Baptist Hospital and Baptist Health South Miami Hospital, Florida |
| 1993-96 | Calixto Cazano: Size at birth in urban population. Currently in private practice at Wyckoff Heights Medical Center , Brooklyn, New York |
| 1995-2000 | Orna Rosen: Carbonic anhydrase IV in mouse placenta, Currently Assistant Professor of Pediatrics at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 1995-98 | Onajovwe Fofah: Vancomycin levels. Currently Associate Professor of Pediatrics at University Hospital, Newark, NJ |
| 1996-98 | Karina Jandziszak: Growth hormone therapy for acidotic mice. Currently pediatric endocrinologist in Ada, Oklahoma, affiliated with Chickasaw Nation Medical Center |
| 1997-2000 | Abhay Singhal: EEG and imaging in seizing full-term neonates. Currently Medical Director of the Indiana University Health Arnett Hospital NICU, IN |
| 1997-2000 | Luis De La Fuente: Spectral analysis of temperature in servo-controlled neonates. Currently in private practice as neonatologist in Dunmore, Pennsylvania, affiliated with Moses Taylor Hospital, PA |
| 1999-2002 | Sumati Pande: Randomized carnitine supplementation in preterm infants. Currently Neonatal Medicine Specialist in Newark, NJ, affiliated with Newark Beth Israel Medical Center. |
| 2000-02 | Karim Aref: Basal ganglia hyperecho­genicity in preterm infants. Currently pediatrician, Ajax, Ontario, Canada |
| 2002-03 & 2013-15 | Suhas Nafday: Renal Disease (chapter). Currently Professor of Pediatrics at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 2002-05 | Lamia Soghier: Cysteine supplementation in preterm infants; Basal ganglia hyperechogenicity. Professor of Pediatrics, Currently Professor of Pediatrics at The George Washington University School of Medicine and Health Sciences |
| 2002-04 | Jülide Sisman: Amplitude-integrated EEG in preterm infants. Currently Associate Professor of Pediatrics, UT Southwestern Medical Center, Dallas, TX |
| 2003-06 | Smart Uko: Fluconazole prophylaxis. Currently attending physician at CHOP Virtua Our Lady of Lourdes Hospital, Philadelphia, PA |
| 2006-07 | Viral Dave: Changes in Near Infrared Spectroscopy after Feeding in Preterm infants. Currently Assistant Professor of Pediatrics, Texas Children's, Houston TX. |
| 2009-13 | Jaclyn Levan: Delivery Room Practice Change Following the Initiation of the NICHD SUPPORT Trial; Change in Practice After The Surfactant, Positive Pressure, and Oxygenation Randomized Trial. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2011-14 | Cheryl Motta: Association of Congenital Heart Disease with Mortality and Morbidity In Preterm Infants. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2013-15 | Juliann Sheehan: Withdrawal of Care in Extremely Premature Infants: The Role of Severe Intraventricular Hemorrhage. Currently in private practice at Connecticut Children's Specialty Group, Danbury, CT |
| 2012-13 | Charitharth Vivek Lal: Hypomagnesemia secondary to cerebrospinal fluid loss. Currently Professor of Pediatrics at University of Alabama, Birmingham, AL |
| 2012-15 | Lindsay DeVries: Outcomes of tracheostomy for bronchopulmonary dysplasia with or without pulmonary hypertension. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2012-21 | Heather Weydig:   1. Prophylactic Indomethacin and “Parkland Bundle:” An Observational Study for prevention of intraventricular and pulmonary hemorrhage in extremely low birth weight neonates 2. Index of Suspicion in the Nursery: Progressive lethargy in a four-day-old term infant.   Currently in clinical practice at OhioHealth, Columbus, Ohio |
| 2014 | Shawndip Sen: Index of Suspicion in the Nursery: Hyperbilirubinemia without jaundice in a neonate. Currently Assistant Professor of Pediatrics (Neonatology), Ann & Robert H Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Chicago, IL |
| 2015-18 | Lara Pavageau, Jenna Whitham  Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants: Sub-study: Improving accuracy of length measurements in the NICU (QI project and research).  Lara Pavageau: Currently neonatologist at Pediatrix, Dallas, TX  Jenna Whitham: Currently Pediatrician at Intermountain Health Care, Salt Lake City, Utah |
| 2017-19 | William Smithhart: with Myra Wyckoff: CPAP in DR for term infants and air leaks:  PAS Travel Awards Program for Young Investigator’s, 2018. Currently in private practice at Newborn Associates, Jackson, Missouri |
| 2017 | John Ibrahim, Lara Pavageau: Sacrococcygeal teratoma.  John Ibrahim: Currently Assistant Professor of Pediatrics at University of Pittsburgh, Pittsburgh, PA |
| 2018-21 | Jordan Reis: Reducing NEC; Initiation of milk pumping vs breastfeeding at discharge; Ventricle-to-brain Index vs neurodevelopmental outcomes; Follow-up or RCT on nutrition in Preterm Neonates: Neurodevelopmental Outcomes, growth, blood pressure, renal function, adipokines. Currently in private practice at Baylor Scott & White Dallas, TX. |
| 2019-21 | Edward Stocks: Reduction in Delivery Room (DR) Continuous Positive Airway Pressure (CPAP)-Associated Pneumothorax in Term and Late-Preterm Neonates. Fellow in Neonatal-Perinatal Medicine at Oklahoma University, OK. Sadly died in 2022. |
| 2020-22 | Mariela Sanchez-Rosado: Necrotizing enterocolitis: quality improvement; small for gestational age vs appropriate for gestational age infants; Implementation of donor breast milk; Zinc concentration in umbilical cord venous vs. arterial blood. Currently in private practice at University of Florida College of Medicine – Jacksonville, FL |
| 2022-24 | Tina Seidu: Serial serum zinc concentrations and outcomes after implementing zinc supplementation in preterm infants. Currently resident in pediatrics, UT Southwestern Medical Center |
| 2023- | Riti Choskhi: 1. Case report: Adenylosuccinate lyase (ADSL) deficiency; 2. Multicenter SITE Project (with Imran Mir, Heather French). Currently Fellow in Neonatal-Perinatal Medicine, UT Southwestern Medical Center |
| Mentoring Junior Faculty | |
| 2011 | Audra Stewart, DO: Cochrane Reviews; Editorial on diuretics in VLBW infants. Currently in private practice at St. Bernards Medical Center, Jonesboro, Arkansas |
| 2020-21 | Christina Chan, Kikelomo Babata, Kelly Mazzarella: Systematic Reviews on COVID-19. Currently Clinical Assistant Professors at UT Southwestern Medical Center |
| 2020-21 | Vedanta Dariya: Cochrane Review: Cuffed endotracheal tube for neonates, Currently Assistant Professor at UT Southwestern Medical Center |
| 2020-21 | Muraleedharan Sivarajan: Neonatal hypoglycemia, Currently Clinical Assistant Professor at UT Southwestern Medical Center |
| 2022-current | Sujir Pritha Nayak: Necrotizing enterocolitis. Currently Assistant Professor at UT Southwestern Medical Center |
| 2023-current | Dimitrios Angelis: Relationship between zinc, growth and brain development. Currently Assistant Professor at UT Southwestern |
| 2023-current | Kikelomo Babata:  Effective Writing for Health Care Program (EWHC), Harvard Medical School  36-year very low birth weight infant survival trends from a single hospital. Currently Assistant Professor at UT Southwestern |

**Invited Lectures**

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| International | | |
| 1980 | Syndrôme de Potter non diagnostiqué en échographie prénatale | Journée conjointe du Groupe J Lefèvre et Gérus, Paris, France |
| 1989 | Development of H+ 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 |
| National | | |
| 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 |
| 2006 | Fluconazole prophylaxis in very low birth weight and extremely low birth weight infants | Div. Neonatology, UTSW, Dallas, TX |
| 2006 | 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 |
| Regional/Local | | |
| 1981 | Monitoring de la pression sanguine du nouveau-né par la méthode oscillométrique (Dinamap). | Colloque de Pédiatrie et de Néonatologie 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 |
| 1994 | Upregulation of renal carbonic anhydrase in response to acidosis | New York Univ, NY |
| 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 |
| 2001 | Carbonic anhydrase: from bench to bedside | New York Medical College Valhalla, 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 |
| 1984 | A simple estimate of glomerular filtration rate in low birth weight infants | Third Annual Science Day, Dept. of Peds., Bronx NY |
| 1988 | Proton secretion in cultured inner medullary collecting duct cells | Division of Pediatric Nephrology, Bronx, 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 8/13/19 | Reducing CPAP-associated Pneumothorax | Neo-QIC, Parkland Hospital |
| 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 Sytems, Dallas, TX |
| 4/6/2023 | Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC | With Pritha Nayak, Grand Rounds, Pediatric Surgery, UTSW |

**Service to the Community**

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

**Bibliography**

**Peer-Reviewed Publications**

Published Original Research Articles: One of the authors

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|  | Avni FE, **Brion L**, Daled HJ. Ultrasonic screening evaluation of intracranial pathology in "high risk" neonates. 100 cases experience. J Belge Radiol 1981; 64:487-94. PMID: 7346523 |
|  | Vermeylen D, Dodion J, Pardou A, **Brion L,** Haumont D, Adam E, Delaet MH, Deconinck PG, Bouton JM. Evaluation of a prospective protocol for treatment of neonatal necrotizing enterocolitis. Acta Paediatr Belg 1981; 34:233-9 |
|  | Avni FE, **Brion L.** Ultrasound of the neonatal urinary tract. Urol Radiol 1983; 5:177-83. PMID: 6623758 |
|  | Pardou A, **Brion L.** Growth and metabolic response of healthy low birth weight infants fed either a semi-elemental diet or their own mother's milk. J Parenteral Enteral Nutr 1983;7:121-5. PMID: 6406697 |
|  | **Brion L**, Rondia G, Avni FE, Thirion M, Schulman CC. Importance of deep abdominal palpation in the perinatal diagnosis of urologic malformations. Biol Neonate 1984; 46: 215-9. PMID: 6391566 |
|  | **Brion L**, Fleischman AR, Schwartz GJ. Evaluation of four length-weight formulas for estimating body surface area in newborn infants. J Pediatr 1985;107:801-3. PMID: 4056985 |
|  | Clermont MJ, **Brion L,** Schwartz GJ. Reliability of plasma creatinine measurement in children. Clin Pediatr (Phila) 1986; 25:569-72. PMID: 3769373 |
|  | **Brion L**, Fleischman AR, McCarton C, Schwartz GJ. A simple estimate of glomerular filtration rate in low birth weight infants during the first year of life: non invasive assessment of body composition and growth. J Pediatr 1986;109:698-707. PMID: 3761090 |
|  | **Brion LP**, Schwartz JH, Zavilowitz BJ, Schwartz GJ. Micro-method for the measurement of carbonic anhydrase activity in cellular homogenates. Analytical Biochem 1988; 175:289-97. PMID: 3149875 |
|  | **Brion LP**, Schwartz JH, Lachman HM, Zavilowitz BJ, Schwartz GJ. Development of H+ secretion by cultured inner medullary collecting duct cells. Am J Physiol 1989; 257 (Renal, Fluid and Electrolyte Physiol 26):F486-501. PMID: 2476940 |
|  | **Brion LP**, Boeck MA, Gauthier B, Nusbaum MP, Schwartz GJ. Estimation of glomerular filtration rate in anorectic adolescents. Pediatr Nephrol 1989; 3:16-21. PMID: 2702081 |
|  | **Brion LP**, Schwartz GJ, Campbell D, Fleischman AR. Early hyperkalemia in very low birth weight infants in the absence of oliguria. Arch Dis Child 1989; 64:270-2. PMID: 2930232 |
|  | **Brion LP.** Use of a Lotus 123 spreadsheet to plot the confidence and the prediction intervals in linear regression analysis. Comput Biol Med 1990;20:129-34. PMID: 2364679 |
|  | **Brion LP**, Schwartz JH, Zavilowitz BJ, Schwartz GJ. Differentiation of H+ pumping activity in cultured renal inner medullary collecting duct cells. Pediatr Nephrol 1990;4:408-14. PMID: 2169849 |
|  | **Brion LP**, Satlin LM, Schwartz GJ. Video fluorescence microscopy as a tool for the study of cellular heterogeneity in epithelia. BioTechniques 1990;8:282-9. PMID: 2158801 |
|  | **Brion LP**, Zavilowitz BJ, Rosen O, Schwartz GJ. Changes in soluble carbonic anhydrase activity in response to maturation and ammonium chloride loading in the rabbit. Am J Physiol 1991; 261 (Regulatory, Integrative and Comparative Physiol 30):R1204-13. PMID: 1951769 |
|  | **Brion LP**, Manuli M, Rai B, Pavlov H, Kresch MJ, Glaser JH. Long bone changes as a sign of active congenital syphilis in asymptomatic newborn infants. Pediatr 1991;88:1037-40. PMID: 1945608 |
|  | **Brion LP**, Fleischman AR, Schwartz GJ. Gentamicin interval in newborn infants as determined by renal function and postconceptional age. Pediatr Nephrol 1991;5:675-8. PMID: 1768575 |
|  | **Brion LP**, VegaRich C, Reinersman G, Roth P. Low dose doxapram for apnea unresponsive to aminophylline in very low birth weight infants. J Perinatol 1991;11:359-64. PMID: 1770394 |
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|  | Jaleel MA, **Brion LP**, 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 |
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|  | Sheehan JW, Pritchard MA, Brown S, Heyne RJ, Jaleel MA, Engle WD, **Brion LP**. Withdrawal of Support in preterm Infants with Periventricular Hemorrhagic Infarction. Poster presentation at PAS, San Diego, CA, 4/28/15 |
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|  | Weydig HM, Jaleel MA, Frost M, **Brion LP.** 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 |
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|  | Pavageau L, **Brion LP**, Brown LS, Rosenfeld CR, Jaleel MA. Consensus Guidelines for Patent Ductus Arteriosus (PDA) Treatment Decreases Need for Treatment: A 15y Experience.  a. Poster presentation at PAS, San Francisco, CA, 5/2017  b. Poster Presentation at Hot Topics in Neonatology Conference, Washington DC, December 10-13, 2017  c. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018  d. Oral Presentation at SSPR, New Orleans, LA, February 24, 2018 |
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|  | Weydig HM, Jaleel MA, Frost MS, Burchfield PJ, **Brion LP.** Interaction between Prophylactic Indomethacin (PIndo) and Antenatal Steroids (ANS) leading to Spontaneous Intestinal Perforation (SIP).  a. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018  b. Poster at Pediatric Academy Societies, Toronto, Canada, PAS, 5/7/2018 |
|  | Frost M, Scarborough A, Austin A, **Brion LP.** Comparing Combined Weighted Ordered Rank Lists to Traditional Evaluation Methods for Creation of Rank Lists of Neonatal Fellowship Applicants.  a. Poster presentation at APPD Meeting 2018  b. Oral presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/6/2018 |
|  | Frost M, Austin A, Scarborough A, **Brion LP.** A Quality Improvement Project to Improve Timeliness of Submission of Fellow Evaluations by Neonatology Faculty.  a. Oral presentation at APPD Meeting 2018  b. Oral presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/7/2018 |
|  | Frost M, **Brion LP.** Validity of pooled faculty evaluations in a neonatal-perinatal fellowship program.  a. Poster presentation at APPD Meeting 2018  b. Poster presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018 |
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|  | Kakkilaya V, Clark H, Thompson T, Graffeo A, Tharayil S, Walker, K, Ambia A, Brown L, **Brion LP**. Determining early predictors of longer length of treatment for infants with neonatal abstinence syndrome. Poster presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Burchfield P. Quality Improvement Project Designed to Decrease Weight-Length Disproportion at Discharge in Very Preterm Infants. Poster presentation at AAP NCE, Orlando, FL, 11/2/2018 |
|  | Mahaffey B, **Brion LP,** Brown LS, Chalak L, Gelphman S, Heyne R. Bayley language development in preterm infants with oral feeding difficulty. Poster presentation at PAS, Baltimore, MD, 4/27/2019 |
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|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Caraig M. Optimizing Individual Nutrition in Preterm Infants: Randomized Clinical Trial (RCT). Oral presentation at PAS, Baltimore, MD, 4/29/2019 |
|  | Sharma P, Brown LS, **Brion LP,** Mirpuri J. Maternal body mass index (BMI) and necrotizing enterocolitis (NEC): a case-control study. J Investigative Medicine MEDICINE 2020: 68 (2), 590. Poster presentation at SSPR, New Orleans, LA, 2/13/2020. |
|  | Reis J, Tolentino-Plata K, Heyne R, Rosenfeld CR, **Brion LP**. Does Reducing Weight-For-Length Disproportion at Discharge in Preterm Neonates Affect Neurodevelopmental Outcomes? Presentation at 41st Western Conference on Perinatal Research, Renaissance Esmeralda Resort, Indian Wells, California, January 9, 2020 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Heyne E, Dohoney E, Burchfield PJ, Caraig M. Association between Age of Initiation and Type of Complementary Foods with Body Mass Index (BMI) at 1 Year of Age in Appropriate for Gestational Age (GA) 23-28 Week-GA Infants. Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Petrosyan E, Jacob, T, Caraig M, Burchfield PJ. Double-Blinded Randomized Controlled Trial (RCT) of Optimizing Nutrition in Preterm (PT) Very Low Birth Weight Infants: Analysis of Nutrient Intake and Growth Patterns. Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2 |
|  | Reis J, Tolentino-Plata K, Heyne R, Rosenfeld CR, Caraig M, **Brion LP**. Does Reducing Weight-For-Length Disproportion at Discharge in Preterm Neonates Affect Neurodevelopmental Outcomes? Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2; presented online at Virtual Regional Neonatal Research Conference 5/26/2020 |
|  | Stocks E, Jaleel M, Smitthart W, Burchfield P, Thomas A, Mangona, KLM, Kapadia V, Wyckoff M, Kakkilaya V, Weaver J, **Brion LP**. Reduction in Delivery Room (DR) Continuous Positive Airway Pressure (CPAP)-Associated Pneumothorax in Term and Late-Preterm Neonates. Accepted for oral presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2; presented online at Virtual Regional Neonatal Research Conference 6/16/2020 |
|  | Lair CS, **Brion LP**, Brown LS, Edwards A, Jacob T, Brammer E, Du C, Desai S, Jaleel M. Reducing hypophosphatemia in preterm infants. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Reis J, Jaleel M, Lair CS, Mathai D, Moore V, Petrosyan E, ­­­­Clipp K, **Brion LP**. A Quality Improvement Project to Decrease Rates of Necrotizing Enterocolitis (NEC) in the Parkland NICU by Increasing Administration of Breast Milk. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Lair CS, Reis J, Jaleel M, Mathai D, Moore V, Petrosyan E, Clipp K, Olvera T, Wheeler C, Hughes S, Davis A, Russell A, Jordan J, Reynolds R, **Brion LP**. Optimizing Mother’s Own Milk (MoM) in the NICU. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Laptook A, Weydig H, **Brion LP**, Wyckoff M, Arnautovic T, Younge N, Oh W, Chowdhury D, Keszler M, Das A for the National Institute of Child Health and Human Development (NICHD) Neonatal Research Network (NRN). Spontaneous Intestinal Perforation (SIP): Are Antenatal Steroids and early Postnatal Indomethacin Associated? Platform presentation at PAS, 5/3/2021 |
|  | Sivarajan M, Schneider JH, **Brion LP**, Bai S, ElHassan N, Kaiser JR, Nelson DB, Burchfield PJ, Brown SL, Johnson KA. Decreasing Early Hypoglycemia Frequency in At-Risk Newborns by Implementing a New Hypoglycemia Screening Algorithm. Platform presentation at PAS, 5/2/2021 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona KL, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, **Brion LP**. A Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis (NEC) by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 weeks Gestational Age (GA) Infants. e-Poster Session at PAS, 4/30/2021 |
|  | Lair CS, **Brion LP**, Brown S, Edwards A, Jacob T, Brammer E, Du C, Desai S, Jaleel M. Reducing Hypophosphatemia in Preterm Infants: a Quality Improvement Project. e-Poster Session at PAS, 4/30/ 2021 |
|  | Reis JD, Sanchez-Rosado M, Kiefaber I, **Brion LP.** Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants. E-poster presentation at AAP NCE, 10/8/21 |
|  | Saha S, Wickland J, Brennan S, Gant T, Lee D, **Brion LP**, 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 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona K, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, **Brion LP**. Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis (NEC) Stage≥II by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 Weeks (wks) Gestational Age (GA) Infants. Oral presentation at 43rd Western Conference on Perinatal Research, Indian Wells, California, January 11-13, 2022 |
|  | Sanchez-Rosado M, Lair C, Edwards A, Jacob T, Brown S, Heyne R, **Brion LP**. Growth, Zinc Deficiency and Mortality to Discharge after Implementing a Donor Breast Milk (DBM) Program in Neonates <33 weeks Gestational Age and Birthweight <1500. Poster presentation, PAS, Denver, CO, 4/24/2022 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona KL, Nelson DB, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, Brown S, **Brion LP**. A QI Project to Decrease Necrotizing Enterocolitis (NEC) by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 weeks Gestational Age (GA) Infants. Oral presentation, PAS, Denver, CO, 4/25/2022 |
|  | Reis JD, Sanchez-Rosado M, Mathai D, Kiefaber I, **Brion LP.** Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants, Poster presentation, PAS, Denver, CO, 4/24/2022 |
|  | Sanchez-Rosado M, Reis JD, Verma D, Kiefaber I, Burchfield, Brown S, **Brion LP.** Necrotizing enterocolitis in small for gestational age (GA) (SGA) vs appropriate for GA (AGA) infants. Poster presentation, PAS, Denver, CO, 4/25/2022 |
|  | Reis JD, Hagan T, Heyne R, Tolentino-Plata K, Clarke R, Brown S, **Brion LP.** Relationship between ventricular size and Bayley scores in very preterm infants, Poster presentation, PAS, Denver, CO, 4/23/2022 |
|  | Babata KL, Yeo KT, Sultana R, Chan CS, Mazzarella K, Adhikari EH, Kong JY, Hascoët J, **Brion LP**. 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 |
|  | Mir I, Frost M, **Brion LP**. Correlation between In-Training Examination Scores and Neonatal-Perinatal Medicine Boards Pass Rate.   * Poster presentation, PAS, Denver, CO, 4/22/2022 * Poster presentation, APPD 2022 Annual Spring Meeting, San Diego, CA, 5/17-18/2022 |
|  | Reis JD, Tolentino-Plata K, Caraig M, Heyne R, Rosenfeld CR, Brown LS, **Brion LP.** 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 |
|  | Imran Mir, Mariela Sanchez-Rosado, Jordan D Reis, Larry S Brown, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Pritha Nayak, **Luc P Brion,** 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 |
|  | Pritha Nayak , IN Mir, Mariela Sanchez-Rosado, Jordan D Reis, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Anita Thomas, Polienna Sepulveda, Priya Sharma, **Luc P Brion**. Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC. Poster presentation at PAS, Washington DC, 04/29/2023 |
|  | Sisman J, Black LF, Weiss A, Brown LS, **Brion LP**. Association of maternal illness severity for COVID-19 with maternal and neonatal health outcomes. Poster presentation at PAS, Washington DC, 04/29/2023 |
|  | Mundra V, Chan CS, Kong JY, Sultana R, Mundra V, Babata KL, Mazzarella K, Adhikari EH, Yeo KT, Hascoët J, **Brion LP**. 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 |
|  | Saha S, Wickland J, Brennan S, Gant T, Lee D, **Brion LP**, Dariya V.   * 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 * Improving Elective Intubations (EI) in a Level IV NICU. Poster symposium presentation at CHNC meeting, 10/12/2023 |
|  | Seidu TA, Angelis D, Heyne R, Brown LS, Lair CS, **Brion LP**. Zinc Supplementation Improves Linear Growth in Premature and Very Low Birth Weight Infants. Poster presentation at AAP NCE, Washington, DC, 10/2023 |
|  | Babata K, Albert RB, Oren MS, Burchfield PJ, Brown LS, Rosenfeld CR, **Brion LP**. Birthweight- and gestational age-specific survival between 1977-2022 for minority infants ≤1500g birthweight and delivered at a large community hospital. Poster symposium presentation at PAS, Toronto, Canada, 05/05/ 2024 |
|  | Babata K, **Brion LP**, Albert RB, Burchfield PJ, Brown LS, Oren MS, Rosenfeld CR. Analysis of Factors Associated with Mortality to Discharge in Very-Preterm Infants (VPT, ≤32 Weeks’ Gestation) in a public county Hospital: 46-Year Retrospective Cohort Study. Poster presentation at PAS, Toronto, Canada, 05/05/ 2024 |
|  | Nayak SP, Sanchez-Rosado M, Reis, Brown LS, Mangona KL, Nelson DB, Heyne R, Jaleel M, Tomas AS, Clipp KD, Kiefaber I, Verma D, Boren, Jacob T, Lair CS, Seidu TA, Wyckoff MH, Angelis D, Burchfield PJ, **Brion LP.** A Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis. Poster presentation at PAS, Toronto, Canada, 05/05/2024 |
|  | Reis JD, Sanchez-Rosado M, Mathai D, Brown LS, Lair CS, Nelson DB, Burchfield PJ, **Brion LP.** Factors Associated with Feeding Mother's Own Milk at Discharge in Preterm Infants. Poster presentation at PAS, Toronto, Canada, 05/05/2024 |
|  | Seidu TA, Angelis D, Heyne R, Brown LS, Jacob T, Edwards A, Lair CS, **Brion LP**. 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 |

Clinical Practice Guidelines

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|  | Management of neonatal Hypoglycemia in the NICU, in NeoSource, Mambarambath Jaleel, ed, <http://neonatology.swmed.edu>,   * + - 1. Afanador M, **Brion LP.** 2012  1. **Brion LP**, Jaleel M, Scheid L. 2015; 2. **Brion LP**, Jaleel M, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/genet\_metab\_endo/Hypoglycemia.aspx, revised 2019; 2021; 2022 3. Scheid L, **Brion LP**, Jaleel M, Stumpf, pending, 2023 |
|  | **Brion LP,** Jaleel, M. Blood gas analysis, in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/Blood%20Gas%20Analysis.aspx, 2011; revised 2019 |
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