

FULL CURRICULUM VITAE

Name: Nigel Sefton Paneth Mailing Address: Department of Epidemiology
Michigan State University
Date of Birth: September 19, 1946 Suite 218, 909 Fee Road
East Lansing, MI 48824
Place of Birth: London, England (517) 884-1876; paneth@msu.edu

Education

1964-1968 Columbia College, New York City, A.B.
1968-1970 Dartmouth Medical School, Hanover, New Hampshire, B.M.S.
1970-1972 Harvard Medical School, Boston, Massachusetts, M.D.
1976-1978 Columbia University School of Public Health, New York City, M.P.H.

Post-Graduate Training

1972-1976 Pediatric Intern to Pediatric Chief Resident, Bronx Municipal Hospital Center, Albert Einstein College of Medicine, New York City
1976-1977 Clinical Fellow, Human Development Biology, Department of Pediatrics, Albert Einstein College of Medicine (T32 HD007053 directed by Henry L. Barnett MD)

Professional Employment and Hospital Appointments

1977-1978 Assistant Clinical Professor, Department of Pediatrics, Albert Einstein College of Medicine
1978-1985 Assistant Professor of Public Health (Epidemiology) and Pediatrics, Columbia University
1978-1989 Assistant to Associate Attending Pediatrician, Babies Hospital, NY;
Research Scientist, Epidemiology of Developmental Brain Disorders
Department, New York State Psychiatric Institute
1982-1988 Coordinator, Mellon Foundation Training Program in Clinical Epidemiology, Columbia U
1985-1989 Associate Professor of Pediatrics and Public Health (tenured), Columbia University
1988-1989 Visiting Lecturer in Neurology, Harvard Medical School
1989-1994 Medical Staff, Sparrow Hospital, Lansing, MI
1989-1994 Associate Professor of Epidemiology and Pediatrics, College of Human Medicine (CHM), Michigan State University (MSU)
1994-present Professor of Epidemiology and Pediatrics, CHM, MSU
1989-1997 Director, Program in Epidemiology, CHM, MSU
1997-2002 Chair, Department of Epidemiology, CHM, MSU
2000-2006 Associate Dean for Research, CHM, MSU
2009- University Distinguished Professor, MSU
2015- Co-director, Center for Research in Autism, Intellectual and Neurodevelopmental Disability, MSU

Licensure

1973 Diplomate, National Board of Medical Examiners
1977 Diplomate, American Board of Pediatrics

National and International Advisory Committees (current and recent)

State

Scientific Advisory Committee, Michigan Neonatal Biobank, 2012-2017

Board of Directors, Michigan Neonatal Biobank, 2017- (representing Michigan State University)

Co-director (with David Savitz PhD), Michigan PFAS and Health Research Consortium (MiPHRC), 2019 -

National

National Scientific Advisory Committee, March of Dimes Foundation, 1991- 2016

National Research Advisory Council, United Cerebral Palsy Research and Educational Foundation, 1999-2008

External Advisory Committee, Clinical Translational Science Award, University of Texas-Houston, 2008-2013

Executive Steering Committee, National Children's Study, 2008 – 2011

Scientific and Editorial Board, Supercourse in Epidemiology, University of Pittsburgh, 2008-

External Advisory Committee, University of Pennsylvania MPH program, 2010 –

Ad-hoc committee to review tenure recommendation, Harvard School of Public Health, 2011.

Executive Committee, ECHO Study (Environmental Influences on Child Health Outcomes), NIH, 2017-2019

International

Scientific Monitoring Committee, US AID Middle East Regional Cooperation Program Israeli-Palestinian-Jordanian-Moroccan joint evaluation study of cerebral palsy management, 2007-2011.

Scientific Advisory Group, Norwegian Mother and Child Cohort (MoBa) and Danish National Birth Cohort (DNCCB) combined cerebral palsy study (MOBAND), 2011 –

WOCO Foundation round-table committee on establishing a Canadian University chair in adolescent risk-taking behaviors, 2011.

PhD adjudication committee, Magnus Stoknes, Norwegian University of Science and Technology, Trondheim, April 2013

PhD adjudication committee, Pal Suren, University of Oslo, Faculty of Medicine, January 2014.

External Advisor, Screening to Improve Health in Very Premature Infants in Europe (SHIPS) Study, INSERM, Paris, funded by European Commission, 2015-

Editorial Activities

Editorial Boards: Paediatric and Perinatal Epidemiology (1994-1998); American Journal of Public Health (1997-1998); The Future of Children (1993-2005); Developmental Medicine, Child Neurology (2013 – present); Pediatric Research (2013-2014).

Reviewer: Acta Paediatrica Scandinavica, American Journal of Epidemiology, American Journal of Obstetrics and Gynecology, American Journal of Public Health, Annals of Epidemiology, Annals of Neurology, Archives of Diseases in Children, British Medical Journal, Clinical Pediatrics, Developmental Medicine and Child Neurology, Early Human Development, Epidemiology, The Future of Children, International Journal of Epidemiology, Issues in Health Care Technology, Journal of Child Neurology, Journal of Health Care for the Poor and Underserved, Journal of Pediatrics, Journal of Perinatology, JAMA, JAMA Pediatrics, Lancet, Maternal and Child Health Journal, New England Journal of Medicine, Obstetrics and Gynecology, Oxford University Press, Paediatric and Perinatal Epidemiology, Pediatric Research, Pediatrics, PLOS One, Public Health Reviews.

Journal Editorships

Co-editor (with Richard Neugebauer and Jennifer Pinto-Martin), April 1992 issue of Paediatric & Perinatal Epidemiology. (Festschrift for Mervyn Susser and Zena Stein).

Co-editor (with Michael J. Joyner), Autumn 2019 issue of Perspectives in Biology and Medicine. (The Precision Medicine Bubble)

Memberships (general)

Society for Epidemiologic Research, Society for Pediatric and Perinatal Epidemiologic Research, International Epidemiologic Association

Memberships (by election)

American Academy of Pediatrics; Society for Pediatric Research; American Epidemiologic Society; Ingham County (MI) Board of Health, 2009-2016.

Awards, Honors

Rose Seegal award for paper on relation of medicine to the community, Harvard Medical School, 1972. (BCG vaccination in the US).

Kathleen Lyle Murray award of the American Academy of Cerebral Palsy (with John L. Kiely), 1986.

President, Society for Pediatric Epidemiologic Research, 1991-1992.

Alexander Langmuir Lecturer, American Epidemiological Society, 1995

Distinguished Faculty Award, Michigan State University, February 2001

Advancing Knowledge Award of the Coalition for Excellence in Maternal and Child Health Epidemiology, December 2002.

Weinstein-Goldenson Medical Science Award of the United Cerebral Palsy Research and Education Foundation, April 2006

University Distinguished Professor, Michigan State University, June 2009

Visiting Professor, Child Health Evaluation and Research Unit, University of Michigan Department of Pediatrics, March 2012.

Distinguished Researcher Award of the Cerebral Palsy Alliance Research Foundation, 2013

President's Award, Society for Pediatric and Perinatal Epidemiologic Research, 2016

Visiting Professor, Kaiser Permanente Division of Research Women's and Children's Health Research, Oakland CA, December, 2017

William B. Weil, Jr., M.D., Endowed Distinguished Pediatric Faculty Award from Department of Pediatrics and Human Development, Michigan State University, May, 2018.

NIH and IOM consultation

NIH

Member, NIH Expert committee on fetal monitoring, 1978

Member, NIH State-of-the-Science Conference: Multivitamin/Mineral Supplements and Chronic Disease Prevention, 2006.

Infectious, reproductive, pulmonary diseases epidemiology study section (IRAP), member, 2006-2009

Distinguished editorial panel member for final decisions in NIH Challenge Grants, July 2009

Neurologic and musculoskeletal disease epidemiology study section (NAME), visiting member, 2010.

Review panel for T32 training grants in reproductive, perinatal and pediatric epidemiology (NICHD), 2011.

Member, Site Visit Team, Division of Epidemiology, Statistics and Prevention Research, NICHD, 2012.

Member, Panel for evaluation of the scientific domains and operations of the Population Sciences & Epidemiology (PSE) Integrated Review Group, 2013.

Review panel for NICHD T32 training grants, 2014.

Co-chair (with Tonse Raju) NIH conference on adult disorders of the preterm infant. NICHD, August, 2015.

Chair, concept clearance review panel on “Systematic reviews in neonatal medicine”, NICHD, December, 2015

IOM

Member, IOM panel on Place of Birth, 1982

Member, IOM panel on the content of prenatal care, 1988-9

Invited panelist, IOM panel on Place of Birth, 2013

Named, Plenary and Keynote Lectureships since 2007

Plenary Speaker, European Society for Pediatric Research, Prague, October 22, 2007

Invited Speaker, 18th Annual Pediatric Neurology Update and Festschrift for Karin Nelson, NINDS, March 2008.

Invited Speaker, Surgeon General’s Conference on the Prevention of Preterm Birth. Rockville, MD, June 2008.

Plenary speaker, New York Perinatal Society, April 2009

Han Mo-Koo Memorial lecturer, Van Andel Research Institute, Grand Rapids, MI, January 2010.

Castang Plenary Lecturer, European Academy of Childhood Disability, Brussels, Belgium, May 2010

Arnold Einhorn Lecturer, Children’s Hospital of DC, March 2011.

Plenary speaker, Gait & Clinical Movement Analysis Society, Grand Rapids, MI, May 2012.

Plenary speaker, London School of Hygiene & Tropical Medicine, John Snow Bicentenary Conference, April 2013.

Invited Guest Speaker, 10th anniversary meeting of the Jamaican Early Childhood Commission. Kingston, Jamaica, November, 2013

Plenary speaker, Michigan Society of Neonatology, Howell, MI, September, 2014

Plenary speaker, The Society for Evidence-based Neonatology, Philadelphia, PA. September, 2015

Research Day Lecturer, University of Wyoming College of Health Sciences, Laramie, WY, June, 2016

Plenary speaker, Michigan Society of Neonatology, Lansing, MI, September, 2017

Guest Professor, Division of Research, Kaiser-Permanente of Northern California, Oakland CA, December 2017.

Invited Guest Speaker, NIEHS, Durham, NC, March 2018

Herbert Goldenring Lecture, Pediatric Grand Rounds, Department of Pediatrics, Yale University School of Medicine, March 2019

NIH Research Grants, Contracts and Sub-Contracts Received As Principal Investigator						
	DATE	TITLE	TYPE*	GRANT #	AGENCY	TOTAL BUDGET
1	12/1/78 - 11/30/80	Newborn Intensive Care and Neonatal Mortality in New York City	RG	R01 HD 12626	NICHD	\$282,328
2	3/1/81 - 2/29/84	Fetal Death in Labor: Epidemiology and Preventability	RG	R01 HD 14807	NICHD	\$610,450
3	4/1/84 - 3/31/89	Neonatal Brain Hemorrhage: Epidemiology and Outcome	RG	R01 NS 20713	NINDS	\$2,797,539
4	4/1/89 - 3/31/91	Neonatal Brain Hemorrhage: Epidemiology and Outcome (renewal)				
5	9/1/90-8/31/95	Epidemiology of Neonatal White Matter Disorders (SC from Boston Children's Hospital)	SC	R01NS 027306	NINDS	\$255,444
6	2/1/91 - 1/31/94	The Epidemiology of Early CNS Injury and Behavior Problems (SC from Columbia University)	SC	R01 MH 45834	NIMH	\$1,680,321
7	9/30/91 - 8/31/93	Prenatal Alcohol, Neonatal Brain Injury and Development	RG	R03 AA 09008	NIAAA	\$139,807
8	12/6/93-11/30/97	Neonatal Brain Damage and Elementary School Performance (SC from Children's Hospital of Philadelphia)	SC	R01NS 031817	NINDS	\$2,226,516
9	9/30/96 - 7/29/99	Strategies for Care of the Very Low Birthweight Infant	RG	R01 HS 08385	AHRQ	\$1,530,016
10	2/1/99-1/31/04	Epidemiology of Early CNS Injury and Psychopathology at age 13 (SC from Columbia University)	SC	R01 MH 57514	NIMH	\$2,807,123
11	6/1/99-5/31/05	Training Clinical Researchers for Community Settings	TG	K30 HL 04113	NHLBI	\$1,000,000
12	9/1/01-8/31/06	Molecular Antecedents of Brain Damage in Prematures (SC from Boston Children's Hospital)	SC	U01 NS 40069	NINDS	\$755,000
13	9/30/03-9/29/05	Phase 1 Trial of Thyroid Hormone in Prematures (SC from New York Medical College)	SC	R01 NS 45109	NINDS	\$220,290
14	5/1/05-4/28/10	Perinatal Epidemiology Training Program	TG	T32 HD 046377	NICHD	\$1,757,553
15	5/1/10-4/28/15	Perinatal Epidemiology Training Program (renewal)				\$1,757,553
16	6/29/07 - 6/28/09	Oxygen and Phototherapy in the Perinatal Period: Risk of Acute Lymphocytic Leukemia	RG	R03 CA 130030	NCI	\$151,500
17	7/1/07-6/30/10	Prevention of Infection in the Indian Community Setting Using Probiotics	SC	R01 HD 053719	NINDS	\$71,498
18	9/28/07 - 9/27/12	National Children's Study: Wayne County Study Center	C	HHSN2670 0700034C	NICHD	\$10,052,135
19	9/26/08 - 9/25/14	National Children's Study: Genesee, Grand Traverse, Lenawee, Macomb County Study Centers	C	HHSN2752 00800007C	NICHD	\$892,728
20	9/1/09 - 8/31/11	New Paradigms of Cerebral Palsy Etiology: A Comprehensive Case-Control Study	RG	R01 NS 055101	NINDS	\$1,932,530
21	9/21/16-9/20/18	Prenatal Exposures and Child Health Outcomes: A Statewide Study	RG	UG3 OD023285	NIH	\$4,808,248
22	8/31/18-9/1/23	Prenatal Exposures and Child Health Outcomes: A Statewide Study	RG	UH3 OD023285	NIH	\$12, 657,723
*RG = research grant; TG = training grant; C = contract; SC = sub-contract						
Foundation and State Grants						
1	1985-1986	Behavior and brain damage in preterm infants	March of Dimes Foundation			\$100,000
2	2002-2003	Inflammatory biomarkers and cerebral palsy	United Cerebral Palsy REF			\$100,000
3	2007-2010	Randomized trial of conductive education in CP	Michigan Department of Education			\$350,000
4	2015-6	Renewal and continuation of above trial	Michigan Department of Education			\$150,000
5	2014	Cerebral Palsy Research (open grant)	Cerebral Palsy Alliance Research Foundation			\$50,000

BOOKS

1. **Paneth N**, Rudelli R, Kazam E, Monte W. Brain Damage in the Preterm Infant. 209 pp. (Clinics in Developmental Medicine No. 131). London: Mac Keith Press, 1994.
2. Vinten-Johansen P, Brody H, **Paneth N**, Rachman S, Rip M: Cholera, Chloroform, and the Science of Medicine: A Life of John Snow. 437 pp. New York: Oxford University Press, 2003. (Awarded the 2004 David Little prize of the Anesthesia History Association for the best work of anesthesia history published the previous year in English)
3. Dan B, Mayston M, **Paneth N**, Rosenbloom L, eds: Cerebral Palsy: Science and Clinical Practice 736 pp. London: Mac Keith Press, 2014
4. Leviton A, O'Shea M, Damman O, **Paneth N**: Risk Factors and Outcomes of Perinatal Disorders in Extremely Preterm Newborns. London: Mac Keith Press, 2019

ARTICLES IN PEER-REVIEWED JOURNALS

1979

1. **Paneth N**, Stein REK, Bell D. Emergency room utilization in the first 15 months of life: a randomized study. Pediatrics 1979; 63:486-491.

1980

2. Lee KS, **Paneth N**, Gartner L, Pearlman M, Gruss L. Neonatal mortality: an analysis of the recent improvement in the United States. Am J Pub Health 1980; 80:15-21.
3. **Paneth N**. Hyponatremic dehydration of infancy: an epidemiologic review. Am J Dis Child 1980; 134:785-792.
4. Lee KS, **Paneth N**, Gartner L, Pearlman M. The very low birthweight rate: principal predictor of neonatal mortality in populations. J Pediatr 1980; 97:759-764.

1981

5. Kiely J, **Paneth N**. Follow-up studies of low-birthweight infants: Suggestions for design, analysis and reporting. Dev Med Child Neurol 1981; 23:96-101.
6. Mandelbaum DE, Hall W, **Paneth N**, Wolf R, DeVivo DE. SSPE, measles virus and the matrix protein: a case with unusual immunochemical findings. Ann Neurol 1981; 10:351-354.
7. Kiely J, **Paneth N**, Stein ZA, Susser MW. Cerebral palsy and newborn care: I. Secular trends in cerebral palsy. Dev Med Child Neurol 1981; 23:533-538.
8. Kiely J, **Paneth N**, Stein ZA, Susser MW. Cerebral palsy and newborn care: II. Mortality and neurologic impairment in low birthweight infants. Dev Med Child Neurol 1981; 23:650-659.
9. **Paneth N**, Kiely J, Stein ZA, Susser MW. Cerebral palsy and newborn care: III. Estimated prevalence rates of cerebral palsy under differing rates of mortality and impairment of low birthweight infants. Dev Med Child Neurol 1981; 23:801-807.

1982

10. Lee KS, Gartner L, **Paneth N**, Tyler L. Recent trends in neonatal mortality: the Canadian experience. Can Med Assoc J 1982; 126:373-376.
11. **Paneth N**: Infant mortality re-examined. (editorial) J Amer Med Assoc 1982; 247:1027-1028.
12. **Paneth N**, Kiely JL, Wallenstein S, Marcus M, Pakter J, Susser MW. Newborn intensive care and neonatal mortality in low birthweight infants: A population study. N Eng J Med 1982; 307:149-155.
13. **Paneth N**, Wallenstein S, Kiely JL, Susser MW. Social class indicators and mortality in low birthweight infants. Am J Epidem 1982; 116:364-375.
14. Kuhr M, **Paneth N**. Feeding practices and early neonatal jaundice. Jnl Pediatr Gastr Nutr 1982; 1:485-488.

1983

15. **Paneth N**, Fox H. The relationship of Apgar score to neurological handicap: A survey of clinicians. Obstet Gynec 1983; 61:547-550.

16. **Paneth N**, Stark RI. Cerebral palsy and mental retardation in relation to indicators of perinatal asphyxia: An epidemiologic overview. Amer J Ob Gyn 1983; 147:960-966.

1984

17. **Paneth N**, Kiely JL, Susser MW. Age at death used to assess the effect of interhospital transport on neonatal mortality. Pediatrics 1984; 73:854-861.
18. **Paneth N**, Kiely M, Hegyi T, Hiatt IM. Investigation of a temporal cluster of left-sided congenital heart disease. J Epi Comm Health 1984; 38:340-344.
19. **Paneth N**, Kiely JL. The frequency of cerebral palsy: A review of population studies in industrialized nations since 1950. Clinic Dev Med 1984; 87:46-56.
20. Kiely JL, **Paneth N**, Stanley F. Monitoring morbidity outcomes of perinatal health services. Clin Dev Med 1984; 87:150-171.

1985

21. **Paneth N**, Wallenstein S. Extra-corporeal membrane oxygenation and the play the winner rule. (Commentary) Pediatrics 1985; 76:622-623.
22. Kiely JL, **Paneth N**, Susser MW. Fetal death in labor: An epidemiologic indicator of level of obstetric care. Amer J Ob Gyn 1985; 153:721-727.

1986

23. **Paneth N**, Kiely JL, Wallenstein S, Snook C, Susser MW. Medical care and the premature infant of normal birthweight. Pediatrics 1986; 77:158-166.
24. Kiely JL, **Paneth N**, Susser MW. An assessment of maternal age and parity in different components of perinatal mortality. Am J Epidemiol 1986; 123:444-454.
25. **Paneth N**. The etiology of cerebral palsy. Pediatric Annals 1986; 15:191-201.
26. **Paneth N**. Birth and the origins of cerebral palsy. (Editorial) New Eng J. Med 1986; 315:124-126.

1987

27. **Paneth N**, Kiely JL, Wallenstein S, Susser MW. The choice of place of delivery: Effect of hospital level on mortality in all singleton births in New York City. Am J. Dis Child 1987; 141:60-64.

1988

28. Pinto J, **Paneth N**, Kazam E, Kairam R, Rose W, Rosenfeld D, Witomski T, Stern I, Schonfeld S. Inter-observer variability in neonatal cranial ultrasonography. Paediatric and Perinatal Epidemiology 1988; 2:45-60.
29. Marcus M, **Paneth N**, Kiely JL, Susser MW. Determinants of interhospital transfer of low birthweight newborns. Medical Care 1988; 26:462-473.

1989

30. Moessinger A, Santiago A, **Paneth N**, Rey H, Blanc W, Driscoll J. Time trends in necropsy prevalence and birth prevalence of lung hypoplasia. Paediatric and Perinatal Epidemiology 1989; 3:421-431.

1990

31. **Paneth N**, Rudelli R, Monte W, Rodriguez E, Pinto J, Kairam R, Kazam E. White matter necrosis in very low birthweight infants: Neuropathologic and ultrasonographic findings in infants surviving six days or more. J Pediatrics 1990; 116:975-984.
32. **Paneth N**. Technology at birth. (Editorial) Am J Pub Health 1990; 80:791-2.
33. Whitaker A, Johnson J, Sebris S, Pinto J, Wasserman G, Kairam R, Shaffer D, **Paneth N**. Neonatal cranial ultrasound abnormalities: Association with developmental delay at age one in low birth weight infants. J Developmental and Behavioral Pediatrics 1990; 11:253-260.
34. Leviton A, **Paneth N**. Cerebral white matter damage in premature infants - an epidemiologic perspective. Early Human Dev 1990; 24:1-22.

35. Papiernik E, Alexander G, **Paneth N**. Racial difference in pregnancy duration: Implications for prenatal care. Medical Hypotheses 1990; 33:181-186.

1991

36. **Paneth N**. Human reproduction after ingestion of PCB-contaminated fish. Health Environ Digest 1991; 5:4-6.
 37. Bhushan V, **Paneth N**. The reliability of neonatal head circumference measurement. J Clinical Epid 1991; 44:1027-1035.

1992

38. Neugebauer R, **Paneth N**. Epidemiology and the wider world. Celebrating Zena Stein and Mervyn Susser. Paediatric and Perinatal Epidemiology 1992; 6:122-131.
 39. Pinto-Martin J, **Paneth N**, Witomski T, Stern I, Schonfeld S, Rosenfeld D, Rose W, Kazam E, Kairam R, Katsikiotis V, Susser M. The central New Jersey neonatal brain hemorrhage study: Design of the study and reliability of ultrasound diagnosis. Paediatric and Perinatal Epidemiology 1992; 6:273-284.
 40. **Paneth N**. Power and patronage in medical research. (Invited commentary) Med Anthropology Quarterly 1992; 6:147-148.
 41. **Paneth N**. Tiny babies - enormous costs. (Invited commentary) Birth 1992; 19:154-155.
 42. **Paneth N**. Neonatal care and patterns of handicap in the community. Clinic Dev Med 1992; 123/124:232-241.

1993

43. **Paneth N**. The causes of cerebral palsy: Recent evidence. Clinical and Investigative Medicine 1993; 16:95-102.
 44. **Paneth N**, Bommarito M, Stricker J. Electronic fetal monitoring patterns and neurodevelopmental outcome. Clin and Investigative Med 1993; 16:159-165.
 45. **Paneth N**, Pinto-Martin J, Gardiner J, Wallenstein S, Katsikiotis V, Hegyi T, Hiatt IM, Susser M. Incidence and timing of germinal matrix/intraventricular hemorrhage in low birthweight infants. Am J Epidemiol 1993; 137:1167-1175.
 46. Bhushan V, **Paneth N**, Kiely JL. Recent secular trends in the prevalence of cerebral palsy. Pediatrics 1993; 91:1094-1100.

1994

47. **Paneth N**. Neurobehavioral effects of power frequency electromagnetic fields. Env Health Perspectives 1994; 101: Suppl. 4:101-106.
 48. **Paneth N**, Rip M. Uses of epidemiology in the evaluation of regional perinatal services. Social & Preventive Medicine 1994; 39:3-10.
 49. Hegyi T, Carbone T, Anwar M, Ostfeld B, Hiatt M, Koons A, Pinto-Martin J, **Paneth N**. Blood pressure ranges in premature infants. I. The first hours of life. J Pediatrics 1994; 124:627-633.
 50. Reuss ML, **Paneth N**, Susser M. Does the loss of placental hormones contribute to neurodevelopmental disabilities in preterm infants? Dev Med Child Neurol 1994; 36:743-747.
 51. Kazam E, Rudelli R, Monte W, Rubenstein WA, Kairam R, **Paneth N**. Sonographic diagnosis of subarachnoid hemorrhage in premature infants: Value of the subarachnoid cisterns. AJNR 1994; 15:1009-1020.
 52. **Paneth N**. The impressionable fetus? Fetal life and adult health. (invited commentary) Am J Pub Health 1994; 84:1372-1374.
 53. Lantos JD, Tyson JE, Allen A, Frader J, Hack M, Korones S, Merenstein G, **Paneth N**, Poland R, Saigal S, Stevenson D, and Van Marter L. Withholding and withdrawing life-sustaining treatment in neonatal intensive care: Issues for the 1990s. Arch Dis Child 1994; 71:218-223.
 54. Holzman C, **Paneth N**. Maternal cocaine use in pregnancy and perinatal outcomes. Epidemiologic Reviews, 1994; 16:315-334.

1995

55. Holzman C, **Paneth N**, Little R, Pinto-Martin J: Perinatal brain injury in premature infants born to mothers using alcohol in pregnancy. Pediatrics 1995; 95:66-73.

56. Pinto-Martin J, Riolo S, Cnaan A, Holzman C, Susser MW, **Paneth N**. Cranial ultrasound prediction of disabling and non-disabling cerebral palsy in a low birthweight population. Pediatrics 1995; 95:249-254.
57. **Paneth N**, Susser MW. Early origin of coronary heart disease (the "Barker hypothesis") (invited commentary) Brit Med J 1995; 310:411-412.
58. **Paneth N**. The problem of low birthweight. The Future of Children 1995; 5:19-34.
59. Reuss ML, Clark C, **Paneth N**. Efficiency of sampling: Birthweight and gestational age distributions in two cohorts, less than 31 weeks and 500-1499 grams. Paediatric and Perinatal Epidemiology 1995; 9:341-350.

1996

60. **Paneth N**. Adopting a public health approach to developmental neurotoxicity. (invited commentary). Neurotoxicology and Teratology 1996; 18:233-234.
61. Hegyi T, Anwar M, Carbone MT, Ostfeld B, Hiatt M, Koons A, Pinto-Martin J, **Paneth N**. Blood pressure ranges in premature infants. II. The first week of life. Pediatrics 1996; 97:336-342.
62. Reuss L, **Paneth N**, Lorenz JM, Pinto-Martin J, Susser M. Transient hypothyroxinemia in preterm infants and neurodevelopment at age two. New England J Med 1996; 334:821-827. [*Data from this paper are used as a teaching tool for regression methods in Rosner B: Fundamentals of Biostatistics, 5th ed. Duxbury Thomson, 2000, p. 506-7]*
63. Pinto-Martin J, Zhao HQ, Dobson V, Cnaan A, **Paneth N**. Vision outcome at age two in low birthweight population. Pediatric Neurology 1996; 14:281-287.
64. Whitaker AH, Feldman JF, Van Rossem R, Schonfeld IS, Pinto-Martin JA, Torre C, Blumenthal SR, **Paneth NS**. Neonatal cranial ultrasound abnormalities in low birth weight infants: Relation to cognitive outcomes at six years of age. Pediatrics 1996; 98:719-729.
65. Courval JM, DeHoog JV, Holzman CB, Tay EM, Fischer L, Humphrey H, **Paneth NS**, Sweeney AM. Fish consumption and other characteristics of reproductive-aged Michigan anglers--a potential population for studying the effects of consumption of Great Lakes fish on reproductive health. Toxicology and Industrial Health 1996; 12:347-359.
66. **Paneth N**, Ahmed F, Stein A. Early nutritional origins of hypertension: a hypothesis still lacking support J Hypertension 1996; 14 (Supp. 5):S121-S129.

1997

67. **Paneth N**, Jetton J, Pinto-Martin J, Susser M and the NBH Study Team. Magnesium sulfate in labor and risk of neonatal brain lesions and cerebral palsy in low birthweight infants. Pediatrics 1997; 97:723.
URL:<http://www.pediatrics.org/cgi/content/full/99/5/e1>.
68. Leviton A, **Paneth N**, Susser M, Reuss L, Allred EN, Kuban K, Van Marter L, Sanocka U, Hegyi T, Hiatt M, Shahrivar R. Maternal receipt of magnesium sulfate does not appear to reduce the risk of neonatal white matter damage. Pediatrics 1997; 99:593. URL:<http://www.pediatrics.org/cgi/content/full/99/4/e2>.
69. Reuss ML, **Paneth N**, Lorenz JM, Susser M. Correlates of low thyroxine values at newborn screening among infants born before 32 weeks gestation. Early Human Dev 1997; 47:223-233.
70. Reuss ML, Leviton A, **Paneth N**, Susser M. Thyroxine values from newborn screening of 919 infants born before 29 weeks of gestation. Am J Pub Health, 1997; 87: 1693-1697.
71. Whitaker A, Van Rossem R, Feldman J, Schonfeld I, Torre C, Pinto-Martin J, Blumenthal S, Shaffer D, **Paneth N**. Perinatal brain injury as detected by neonatal cranial ultrasound: psychiatric sequelae in LBW children at age six. Arch Gen Psychiatry 1997; 54:847-856.

1998

72. The Developmental Epidemiology Network: The correlation between placental pathology and intraventricular hemorrhage in the preterm infant. Pediatric Research 1998; 43:15-19.
73. Holzman C, **Paneth N**: Preterm birth: from prediction to prevention. (invited commentary). Am J Pub Health 1998; 88: 183-184.
74. Hegyi T, Carbone T, Anwar M, Ostfeld B, Hiatt M, Koons A, Pinto-Martin J, **Paneth N**: The Apgar score and its components in the preterm infant. Pediatrics 1998; 101:77-81.

75. Holzman C, **Paneth N**, Fisher R and the MSU Prematurity Group: Rethinking the concept of risk factors for preterm delivery: antecedents, markers and mediators. Prenat Neonat Med 1998; 3:47-52.
76. Collins M, **Paneth N**: Pre-eclampsia and cerebral palsy: Are they related? (invited commentary) Dev Med Child Neuro 1998;40:207-211
77. **Paneth N**: Separating authorship responsibility and authorship credit – a proposal for biomedical journals. Am J Pub Health 1998; 88:824-6.
78. Lorenz JL, Wooliever DE, Jetton J, **Paneth N**: A quantitative review of mortality and developmental disability in extremely premature newborns. Arch Pediatr Adolesc Med 1998; 152:425-535
79. **Paneth N**: Prenatal sonography: safe or sinister? (invited commentary) Lancet 1998; 352:5-6
80. Murphy K, Reuss ML, Leviton A, **Paneth N**, Susser M: Marked variation in use of antenatal corticosteroids among infants ≤ 1500 gms across hospitals in three states. J Mat Fet Med 1998;7:137-141
81. **Paneth N**: Does transient hypothyroxinemia cause abnormal neurodevelopment in premature infants? Clinics in Perinatology 1998; 25:627-643
82. **Paneth N**, Brody H, Vinten-Johansen P, Rip M: A rivalry of foulness: official and unofficial investigations of the London cholera epidemic of 1854. Am J Pub Health 1998;88:1545-1553
83. Gilles FH, Leviton A, Golden JA, **Paneth N**, Rudelli RD: Groups of histopathologic abnormalities in brains of very low birthweight infants. J Neuropathol Exp Neurol 1998 57:1026-34

1999

84. Brody H, Vinten-Johansen P, **Paneth N**: John Snow revisited: getting a handle on the Broad Street pump. Pharos 1999; 62:2-8.
85. Courval JM, DeHoog JV, Stein AD, He J, Humphrey HEB, **Paneth N**: Sport-caught fish consumption and conception delay in licensed Michigan anglers. Env Research 1999;80:S183-188
86. **Paneth N**: Classifying brain damage in preterm infants (invited commentary) J Pediatrics 1999;134:527-9.
87. Leviton A, **Paneth N**, Reuss ML, Susser MW, Allred EN, Damman O, Kuban K, Pagano M for the Developmental Epidemiology Network*: Hypothyroxinemia of prematurity and the risk of cerebral white matter brain damage. J Pediatrics 1999;134:706-11
88. Painter MJ, Scher MS, Stein AD, Armatti S, Wang Z, Gardiner JC, **Paneth N**, Minnigh B, Alvin J: Phenobarbital compared with phenytoin for the treatment of neonatal seizures. New Eng J Med 1999; 341:485-89.
89. Holzman C, Jetton J, Fisher R, Senagore P, Mohan M, **Paneth N**: Association of maternal IgM concentrations above the median at 15-19 weeks of gestation and early preterm delivery. Lancet 1999; 354:1095-6.
90. Hansen A, Leviton A, **Paneth N** for the Developmental Epidemiology Network. Labor and delivery characteristics and the risk of cranial ultrasound abnormalities in the very low birthweight infant. Am J Obstet Gynec 1999;181: 997-1006.
91. Leviton A, **Paneth N**, Reuss ML, Susser MW, Allred EN, Damman O, Kuban K, Pagano M for the Developmental Epidemiology Network. Antenatal corticosteroids and risk of neurodevelopmental disabilities in very low birth weight newborns. Am J Obstet Gynec 1999;181:1007-1017.
92. Leviton A, **Paneth N**, Reuss ML, Susser MW, Allred EN, Dammann O, Kuban K, Van Marter LJ, Pagano M for the The Developmental Epidemiology Network*: Maternal infection, fetal inflammatory response and brain damage in very low birthweight infants. Pediatric Research 1999; 46:566-575.
93. Pinto-Martin JA, Whitaker AH, Feldman JF, Van Rossem R, **Paneth N**: Relation of cranial ultrasound abnormalities in low birthweight infants to motor or cognitive performance at ages 2, 6 and 9 years. Dev Med Child Neurol 1999; 41:826-833.

2000

94. Weinberger B, Anwar M, Hegyi T, Hiatt M, Koons A, **Paneth N**. Antecedents and neonatal consequences of low Apgar scores in preterm infants: A population study. Arch Dis Child Adolesc 2000;154; 294-300.
 95. Van Marter LJ, Allred EN, Pagano M, Sanocka A, Parad R, Moore M, Susser M, **Paneth N**, Leviton A and the Neonatology Committee for the Developmental Epidemiology Network: Do clinical markers of barotrauma and oxygen toxicity explain inter hospital variation in rates of chronic lung disease? Pediatrics 2000;105:1194-1201.
-

96. Brody H, Rip MR, Vinten-Johansen P, **Paneth N**, Rachman R: Map-making and myth-making in Broad Street: the London cholera epidemic, 1854. Lancet 2000;356:64-68.
97. Mandelbaum D, **Paneth N**: Cerebral Palsy. Continuum. Lifelong Learning in Neurology. 2000;6; 8-30.
98. **Paneth N**, Kort E, Jurczak D, Havlichek D, Braunlich K, Moorer G, Vanderjagt D, Sienko D, Leiby P, Gibbons C: Predictors of vaccination rates during a mass meningococcal vaccination effort on a college campus. J Am Coll Health Association 2000; 49:7-11. (editorial comment by Keeling RP: Resiliency and Prevention in College Health, same issue p. 5)
99. Lorenz JM, **Paneth N**: Treatment decisions for extremely premature infants.(invited commentary) J Pediatr 2000; 137;593-5.
100. Verrips GHW, Vogels AGC, den Ouden AL, **Paneth N**, Verloove-Vanhorick SP: Measuring health-related quality of life in adolescents: agreement between raters and between methods of administration. Child: Care, Health and Development 2000;26:457-69.

2001

101. He J, Stein AD, Humphrey HEB, **Paneth N**, Courval JM: Time trends in sport-caught Great Lakes fish consumption and serum levels of polychlorinated biphenyls among Michigan anglers, 1973-93. Env Sci Technology 2001; 35: 435-440.
102. Dammann O, Phillips TM, Allred E, O'Shea TM, **Paneth N**, Van Marter LJ, Bose C, Ehrenkranz RA, Bednarek FJ, Naples M, and Leviton A. Mediators of fetal inflammation in extremely low gestational age newborns. Cytokine 2001; 13:234-239
103. Verrips GHW, Stuifbergen MC, den Ouden AL, Bonsel GJ, Gemke RBJ, **Paneth N**, Verloove-Vanhorick SP: Measuring health status using the Health Utilities Index: Agreement between raters and between modalities of administration. J Clin Epidemiol 2001;54:475-481.
104. Hille ETM, den Ouden AL, Wolke DFH, Saigal S, Lambert M, Meyer R, Whitaker A, Pinto-Martin JA, Feldman JF, Verloove-Vanhorick SP, **Paneth N**: Behavioral problems reported in children who weigh 1000g or less at birth in four countries. Lancet 2001; 357: 1641-3. [Selected by Health Canada as one of 10 papers published in 2001 most likely to help foster children's social and emotional development].
105. **Paneth N**: Cerebral palsy in term infants – birth or before birth? (invited commentary) J Pediatr 2001;138; 791-2.
106. Holzman C, Bullen B, Fisher R, **Paneth N** and the prematurity study group: Pregnancy outcomes and community health: the POUCH study of preterm delivery. Paed Perinat Epidemiol 2001; 15 (suppl.2) 136-158.
107. **Paneth N**: Every physician is a scientist. West Indian Medical Journal 2001; 50: (suppl. 4) 50-58.[Special Golden Jubilee issue of WIMJ, 1951-2001]
108. Collins M, **Paneth N**, Lorenz J. Hypocapnia and other ventilation-related risk factors for disabling cerebral palsy in low birth weight infants. Pediatric Research 2001; 50:712-719.
109. Lorenz JM, **Paneth N**, Jetton JR, den Ouden L, Tyson JE: Comparison of management strategies for extreme prematurity in New Jersey and the Netherlands: outcomes and resource expenditures. Pediatrics 2001;108;1269-1274.

2002

110. Stewart JE, Allred EN, Collins M, Abbott J, Leviton A, **Paneth N**, Reuss ML, Susser M, Hegyi T, Hiatt M, Sanocka U, Shahrivar F, Van Marter LJ, Banogan P, Genest D, Heller D, Shen-Schwarz S, Dammann O, Kuban KC, Pagano M.: Risk of cranial ultrasound abnormalities in very-low-birth-weight infants conceived with assisted reproductive techniques. J Perinatol 2002 Jan;22(1):37-45.
111. **Paneth N**, Susser E, Susser MW. The early history and development of the case-control study. Part I . Early evolution. Social & Preventive Medicine 2002; 47:5: 282-288.
112. **Paneth N**, Susser E, Susser MW. The early history and development of the case-control study. Part II. The case-control study since Lane-Claypon. Social & Preventive Medicine 2002;47:6:359-365.
113. Golombek S, LaGamma E, **Paneth N**: Treatment of transient hypothyroxinemia of prematurity: a survey of neonatal practice. J Perinatol 2002; 22; 563-565.
114. Leviton A, Dammann O, O'Shea M, **Paneth N**: Adult stroke and perinatal brain damage: like grandparent like grandchild? Neuropediatrics 2002; 33:281-7.

2003

115. **Paneth N:** Snow on Rickets. Int J Epidemiol 2003 32: 341-343
116. Lorenz J, **Paneth N:** When is an observational study adequate to advise treatment decisions? Clinics in Perinatology 2003;30:269-284.
117. **Paneth N**, Qiu H, Rosenbaum P, Saigal S, Bishai S, Jetton J, den Ouden L, Broyles S, Tyson J, Kugler K. Reliability of classification of cerebral palsy in low-birthweight children in four countries. Dev Med Child Neurol 2003;45:628-633.
118. Saigal S, den Ouden L, Wolke D, Hoult L, **Paneth N**, Streiner DL, Whitaker A, Pinto-Martin JA: School-age outcomes in children who were extremely low birth weight from four international population-based cohorts. Pediatrics 2003;112:943-50.
119. Qiu, H, Lorenz JL, Lenski M, Pinto-Martin JA, Jetton J, **Paneth N:** Obstetric factors in brain damage, disabling cerebral palsy and neonatal death in low birthweight infants. Am J Obstet Gynecol 2003; 189: 1143-9.
120. **Paneth N:** Voices: An interview with Mervyn Susser. Epidemiology 2003 14: 748-52

2004

121. Pinto-Martin J, Whitaker A, Feldman J, Zhao H, Cnaan A, **Paneth N:** Special education services and school performance in a regional cohort of low birthweight infants at age nine. Paed Perinat Epidemiol 2004;18:120-129.
122. **Paneth N:** Assessing the contributions of John Snow to epidemiology on the 150th anniversary of the removal of the Broad Street pump handle. Epidemiology 15:514-6.
123. Breslau N, **Paneth N**, Lucia VC: The lingering academic deficits of low birthweight children. Pediatrics 2004;114:1035-40.

2005

124. Palusci VJ, Smith EG, **Paneth N:** Predicting and responding to physical abuse in young children using NCANDS. Children and Youth Services Review 2005;27(6):667-682.
125. **Paneth N**, Korzeniewski S, Hong T: The role of the intrauterine and perinatal environment in cerebral palsy. NeoReviews Mar 2005; 6: e133 - e140
126. **Paneth N:** The evidence mounts against the use of pure oxygen in newborn resuscitation. J Pediatr 2005; 47:4-6.
127. Rosenbaum P, Dan B, Leviton A, **Paneth N**, Goldstein M, Bax M: The definition of cerebral palsy. Report of an international conference. Dev Med Child Neurol 2005; 47: 571-574.
128. **Paneth N**, Rosenbaum P, Damiano D, Leviton A, Goldstein M, Bax M: The classification of cerebral palsy. Report of an international conference. Dev Med Child Neurol 2005;47: 574-576.
129. Breslau N, **Paneth N**, Lucia V, Paneth-Pollak R: Maternal smoking and offspring IQ. Int J Epidemiol 2005; 34:1047-53.
130. Lyman W, Barone C, Castle V, Davies HD, Stanton B, **Paneth N:** Making the National Childrens Study into a real partnership with academic pediatrics. J Pediatr 2005; 147:563-4.

2006

131. Saigal S, Stoskopf B, Streiner D, Boyle M, Pinelli J, **Paneth N**, Goddeeris J: Transition of extremely-low-birthweight infants from adolescence to young adulthood. JAMA 2006; 295:667-675
132. **Paneth N**, Hong T, Korzeniewski S: The Descriptive Epidemiology of Cerebral Palsy. Clin Perinatol 2006; 33: 251-67.
133. McGinnis JM, Birt DF, Brannon PM, Carroll RJ, Gibbons RD, Hazzard WR, Kamerow DB, Levin B, Ntambi JM, **Paneth N**, Rogers D, Saftlas AF, Vaughan W: Multivitamin/Mineral Supplements and Chronic Disease Prevention NIH State-of-the-Science Conference Statement: Multivitamin/Mineral Supplements and Chronic Disease Prevention. Ann Int Med 2006;145: 364-371.
134. Saigal S, Stoskopf B, Pinelli J, Streiner D, Hoult L, **Paneth N**, Goddeeris J: Self-perceived health-related quality of life of Former extremely low birth weight infants at young adulthood. Pediatrics 2006;118: 1140-8.
135. Lucia VC, Luo Z, Gardiner Joseph, **Paneth N**, Breslau N: Reports of birthweight by adolescents and their mothers: Comparing accuracy and identifying correlates. Paed Perinat Epidemiol 2006;20:520-7

136. Whitaker AH, Feldman JF, Lorenz JM, Shen S, McNicholas F, Nieto M, McCulloch D, Pinto-Martin JA, **Paneth N**: Motor and cognitive outcomes in non-disabled low birthweight adolescents: early risk factors. Arch Pediatr Adolesc Med 2006;160:1040-6
137. Saigal S, Stoskopf B, Streiner D, **Paneth N**, Pinelli J, Boyle M: Growth trajectories of extremely low birthweight infants from birth to young adulthood: A longitudinal population-based study. Pediatric Research 2006; 60:751-8
138. La Gamma EF, van Wassenaer AG, Golombek SG, Morreale de Escobar G, Kok JH, Quero J, Ares S, **Paneth N**, Fisher D: Neonatal thyroxine supplementation for transient hypothyroxinemia of prematurity. Beneficial or detrimental? Treat Endocrinol. 2006;335-346

2007

139. Perkins C, Pivarnik J, Stein A, **Paneth N**: Physical activity in pregnancy and fetal growth. Obstet Gynec 2007;109:81-7.
140. Saigal S, Stoskopf B, Boyle M, **Paneth N**, Pinelli J, Streiner D, Goddeeris J: Comparison of current health, functional limitations and health care use of young adults who were born with extremely low birthweight and normal weight. Pediatrics 2007; 119:e562-573.
141. Rosenbaum P, **Paneth N**, Leviton A, Goldstein M, Bax M: A report: the definition and classification of cerebral palsy, April 2006. Dev Med Child Neurol 2007; 109 (suppl) 8- 14.
142. Wirth JJ, Rossano MG, Daly DC, **Paneth N**, Puscheck E, Potter RC, Diamond MP: Ambient manganese exposure is negatively associated with human sperm motility and concentration. Epidemiology 2007;18:270-3.
143. Leviton A, Kuban K, **Paneth N**: Intraventricular haemorrhage grading scheme: Time to abandon? Acta Paediatrica 2007;96:1254-6.
144. Joseph A, Punch J, Stephenson M, Wolfe E, **Paneth N**, Murphy W: The Effects of Training Format on Earplug Performance. Int J Audiology 2007; 46:609-618.

2008

145. Korzeniewski SJ, Birbeck G, DeLano M, Potchen M, **Paneth N**: A Systematic Review of Neuroimaging for Cerebral Palsy J Child Neurol 2008; 23: 216-227.
146. Ramamoorthi RV, Rossano MG, **Paneth N**, Gardiner JC, Diamond MP, Puscheck E, Daly DC, Potter RC, Wirth JJ: An application of multivariate ranks to assess effects from combining factors: metal exposures and semen analysis outcomes. Statistics in Medicine 2008; 27:3503-14.
147. **Paneth N**: The hidden population in perinatal epidemiology. Am J Epidemiol 2008; 167:793-6
148. Blond A, Whitaker AH, Lorenz JM, Feldman JF, Nieto M, Pinto-Martin JA, **Paneth N**. Weight concerns in male low birthweight adolescents: relation to body mass index, self-esteem, and depression. J Dev Behav Pediatr. 2008 Mar 15; 29:166-72.
149. Kuban K, Allred EN, O'Shea MP, **Paneth N**, Pagano M et al: An algorithm for diagnosing and classifying cerebral palsy in young children. J Pediatrics. Pediatr 2008;153:466-72.
150. Wirth JJ, Rossano M, Potter R, Puscheck E, Daly DC, **Paneth N**, Krawetz SA, Protas BM, Diamond MP: A pilot study associating urinary concentrations of phthalate metabolites and semen quality. Systems Biology and Reproductive Medicine 2008 54:143-54.
151. O'Shea TM, Kuban KCK, Allred EN, **Paneth N**, Pagano M, Dammann N, Bostic L, Brooklier K, Butler S, Goldstein DJ, Hounshell G, Keller C, McQuiston S, Miller A, Pasternak S, Plesha-Troyke S, Price J, Romano E, Solomon KM, Jacobson A, Westra S, Leviton A for the Extremely Low Gestational Age Newborns Study Investigators: Neonatal cranial ultrasound lesions and developmental delays at two years of age among extremely low gestational age children. Pediatrics 2008; 122: e662-e669.
152. Mudd LM, Pham BS, Nechuta S, Elliott MR, Lepkowski JM, **Paneth N** and the Michigan Alliance for the National Children's Study: Prenatal care and delivery room staff attitudes towards research and the National Children's Study Mat Child Health J 2008 12(6):684-91.
153. **Paneth N**: Establishing the Diagnosis of Cerebral Palsy, Clinical Obstetrics & Gynecology 2008 ;51:742-8.
154. Hong T, **Paneth N**: Maternal and infant thyroid disorders and cerebral palsy. Seminars in Perinatology 2008; 32:438-445.
155. Meeker JD, Rossano MG, Protas B, Diamond MP, Puscheck E, Daly D, **Paneth N**, Wirth JJ Cadmium, Lead, and
Other Metals in

Relation to Semen Quality: Human Evidence for Molybdenum as a Male Reproductive Toxicant. Environ Health Perspect. 2008;116:1473-1479.

2009

156. Haak PT, Busik JV, Kort AJ, Tikhonenko M, **Paneth N**, Resau JH: Archived unfrozen neonatal blood spots are amenable to microarray gene expression analysis. Neonatology 2009;95:210-216
157. Kuban K, Allred EN, O'Shea TM, **Paneth N**, Pagano M et al: Cranial ultrasound lesions in the NICU predict cerebral palsy at age 2 years in children who were born at extremely low gestational age. J Child Neurol 2009; 24:63-72.
158. Messaros BM, Rossano MG, Liu G, Diamond MP, Friderici K, Nummy-Jernigan K, Daly D, Puscheck E, **Paneth N**, Wirth JJ: Negative effects of serum p,p'-DDE on sperm parameters and modification by genetic polymorphisms. Environ Research. 2009; 109;457-64.
159. Mudd LM, Nechuta S, Pivarnik JM, **Paneth N** and the Michigan Alliance for the National Children's Study: Factors associated with women's perceptions of physical activity safety during pregnancy. Preventive Medicine 2009;49:194-9.
160. Roman LA, Gardiner JC, Lindsay JK, Moore JS, Luo Z, Baer LJ, Goddeeris JH, Shoemaker AL, Barton LR, Fitzgerald HE, **Paneth N**: Alleviating perinatal depressive symptoms and stress: a nurse-community health worker randomized trial. Arch Womens Ment Health. 2009; 12; 379 – 91.
161. Kuban KCK, Allred EN, O'Shea TM, **Paneth N**, Westra S, Miller C, Rosman NP, Leviton A for ELGAN Study investigators: Developmental correlates of head circumference at birth and at two years in a cohort of extremely low gestational age newborns. J Pediatr 2009;154:344-9.e1-3.
162. La Gamma E, van Wassenaer A, Golombek SG, Morreale de Escobar G, Kok JH, Quero J, Ares S, **Paneth N**, Hong T, Rahbar MH, Fisher D: Phase I Trial of four thyroid hormone regimens for transient hypothyroxinemia in neonates of <28 weeks' gestation. Pediatrics. 2009 1242:e258-68.
163. Meeker JD, Rossano MG, Protas B, Diamond MP, Puscheck E, Daly D, **Paneth N**, Wirth JJ. Multiple metals predict prolactin and thyrotropin (TSH) levels in men. Environ Research. 2009;109:869-73.
164. Kort EJ, **Paneth N**, Vande Woude GH: The Decline in US cancer mortality in people born since 1925. Cancer Research 2009;69:6500-5.
165. Nechuta S, Mudd LM, Biery L, Elliott M, Lepkowski J, **Paneth N**: Attitudes of pregnant women towards participation in perinatal epidemiologic research. Paed Perinat Epidemiol 2009;23:424-30.
166. McElrath TF, Allred EN, Boggess KA, Kuban K, O' Shea TM, **Paneth N**, Leviton A for the ELGAN Study Investigators: Maternal antenatal complications and the risk of neonatal cerebral white matter damage and later cerebral palsy in children born at extremely low gestational age. Am J Epidemiol 2009;170:819-28.
167. Haak P, Lenski M, Hidecker MJC, Li M, **Paneth N**: Cerebral palsy and aging. Dev Med Child Neurol 2009; 51 Suppl 4:16-23.
168. O'Shea TM, Allred EN, Dammann O, Hirtz D, Kuban KC, **Paneth N**, Leviton A; ELGAN study Investigators The ELGAN study of the brain and related disorders in extremely low gestational age newborns. Early Hum Dev. 2009 85:719-25.
169. Lorenz JL, Whitaker A, Feldman JF, Blond AI, Yudkin PL, Shen S, Pinto-Martin JA, **Paneth N**: Indices of body and brain size at birth and at age two years; relations to cognitive outcome at age 16 years. J Dev Behav Peds 30(6):535-43.

2010

170. Meeker JD, Rossano MG, Protas B, Padmanahban V, Diamond MP, Puscheck E, Daly D, **Paneth N**, Wirth JJ: Environmental exposure to metals and male reproductive hormones: circulating testosterone is inversely associated with blood molybdenum. Fertil Steril.2010;93:130-40.
171. Dammann O, Naples M, Bednarek F, Shah B, Kuban KC, O'Shea TM, **Paneth N**, Allred EN, Leviton A SNAP-II and SNAPPE-II and the Risk of Structural and Functional Brain Disorders in Extremely Low Gestational Age Newborns: The ELGAN Study. Neonatology. 2010;97:71-82.
172. Leviton A, Allred EN, Kuban KCK, Hecht JL, Onderdonk AB, O'Shea TM, **Paneth N**: Microbiologic and histologic characteristics of the extremely preterm infant's placenta predict white matter damage and later cerebral palsy. Pediatric Research 2010;67:95-101.
173. **Paneth N**: Using neonatal blood spots to study the etiology of cerebral palsy. Future Neurology 2010; 5:1-3.

174. Nechuta S, **Paneth N**, Velie EM: Pregnancy characteristics and maternal breast cancer risk: a review of the epidemiologic literature. Cancer Causes and Control.2010; Jul;21(7):967-89. PMID: 20224871
175. Bauer PW, Pivarnik JM, Feltz DL, **Paneth N**, Womack CJ: Validation of a Historical Physical Activity Recall Tool in Postpartum Women. J Phys Activ Health 2010, 7, 658-661.
176. Leviton A, Kuban K, Allred EN, Hecht JL, Onderdonk A, O'Shea TM, McElrath T, **Paneth N**; for the ELGAN Study Investigators. Antenatal antecedents of a small head circumference at age 24-months post-term equivalent in a sample of infants born before the 28th post-menstrual week. Early Hum Dev. 2010 Aug;86(8):515-21. PMID: 20674197.
177. McElrath TF, Allred EN, Kuban K, Hecht JL, Onderdonk A, O'Shea TM, **Paneth N**, Leviton A; ELGAN Study Investigators. Factors associated with small head circumference at birth among infants born before the 28th week. Am J Obstet Gynecol. 2010 Aug;203(2):138.e1-8.
178. Leviton A, Dammann O, Engelke S, Allred E, Kuban KC, Michael O'Shea T, **Paneth N** for the ELGAN study investigators: The clustering of disorders in infants born before the 28th week of gestation. Acta Paediatr. 2010 Dec;99(12):1795-800. PMID: 20712837
179. **Paneth N**: Saving the National Children's Study from its saviors. Epidemiology. 2010 Sep;21(5):602-4.
180. Leviton A, Allred E, Kuban KCK, Dammann O, O'Shea TM, Hirtz D, Schreiber MD, **Paneth N** for the ELGAN study investigators: Early blood gas abnormalities and the preterm brain. Am J Epidemiol 2010. Oct 15;172(8):907-16. Epub 2010 Aug 31. PMID: 20807736
181. Nechuta S, **Paneth N**, Pathak DR, Gardiner J, Copeland G, Velie EM: A population-based case-control study of fetal growth, gestational age, and maternal breast cancer. Am J Epidemiol. 2010 Oct 15;172(8):962-70. PMID: 20858745.
182. Bauer PW, Pivarnik JM, Feltz DL, **Paneth N**, Womack CJ: Validation of an historical physical activity recall tool in postpartum women. J Phys Act Health. 2010 Sep;7(5):658-61. PMID: 20864762 .
183. **Paneth N**: Apgar score and risk of cerebral palsy. BMJ. 2010 Oct 6;341:c5175. PMID: 20929921
184. Goddeeris JH, Saigal S, Boyle MH, **Paneth N**, Streiner DL, Stoskopf B: Economic outcomes in young adulthood for extremely low birth weight survivors. Pediatrics. 2010 Nov;126(5):e1102-8. PMID: 20974793.

2011

185. Leviton A, Fichorova R, Yamamoto Y, Allred EN, Dammann O, Hecht J, Kuban K, McElrath T, O'Shea TM, **Paneth N**. Inflammation-related proteins in the blood of extremely low gestational age newborns. The contribution of inflammation to the appearance of developmental regulation. Cytokine. 2011 Jan;53(1):66-73. PMID: 20934883
186. Leviton A, Kuban K, O'Shea TM, **Paneth N**, Fichorova R, Allred EN, Dammann O: The Relationship between Early Concentrations of 25 Blood Proteins and Cerebral White Matter Injury in Preterm Newborns: The ELGAN Study. J Pediatr. 2011. Jun;158(6):897-903.e1-5. PMID: 21238986
187. Leviton A, Kuban KC, Allred EN, Fichorova RN, O'Shea TM, **Paneth N**; ELGAN Study Investigators: Early postnatal blood concentrations of inflammation-related proteins and microcephaly two years later in infants born before the 28th post-menstrual week. Early Hum Dev. 2011 May;87(5):325-30. PMID: 21334149
188. Luyster RJ, Kuban KC, O'Shea TM, **Paneth N**, Allred EN, Leviton A; for ELGAN Study investigators. The Modified Checklist for Autism in Toddlers in extremely low gestational age newborns: individual items associated with motor, cognitive, vision and hearing limitations. Paediatr Perinat Epidemiol. 2011. 25:366-76. PMID: 21649679.
189. Whitaker AH, Feldman JF, Lorenz JM, McNicholas F, Fisher PW, Shen S, Pinto-Martin J, Shaffer D, **Paneth N**. Neonatal head ultrasound abnormalities in preterm infants and adolescent psychiatric disorders. Arch Gen Psychiatry. 2011 Jul;68(7):742-52. PMID: 21727256
190. Hidecker MJ, **Paneth N**, Rosenbaum PL, Kent RD, Lillie J, Eulenberg JB, Chester Jr K, Johnson B, Michalsen L, Evatt M, Taylor K. Developing and validating the Communication Function Classification System for individuals with cerebral palsy. Dev Med Child Neurol. 2011 Aug;53(8):704-710. PMID: 21707596
191. Boyle MH, Miskovic V, Van Lieshout R, Duncan L, Schmidt LA, Hoult L, **Paneth N**, Saigal S. Psychopathology in young adults born at extremely low birth weight. Psychol Med. 2011 Aug;41(8):1763-74. PMID: 21134317.
192. Logan JW, O'Shea TM, Allred EN, Laughon MM, Bose CL, Dammann O, Batton DG, Kuban KC, **Paneth N**, Leviton A. Early postnatal hypotension is not associated with indicators of white matter damage or cerebral palsy in extremely low gestational age newborns. J Perinatol. 2011 Sep; 96(5):F321-8. PMID: 21273984

193. Leviton A, Allred EN, Kuban KC, Dammann O, Fichorova RN, O'Shea TM, **Paneth N**; ELGAN Study Co-Investigators. Blood protein concentrations in the first two postnatal weeks associated with early postnatal blood gas derangements among infants born before the 28th week of gestation. The ELGAN Study. *Cytokine*. 2011 Nov;56(2):392-8 PMID: 21821429
194. Pinto-Martin JA, Levy SE, Feldman JF, Lorenz JM, **Paneth N**, Whitaker AH: Prevalence of autism spectrum disorder in adolescents born weighing <2000 grams. *Pediatrics*. 2011 Nov;128(5):883-91. PMID: 22007018
195. Mudd LM, Pivarnik J, Holzman CB, **Paneth N**, Pfeiffer K, Chung H: Leisure-time Physical Activity in Pregnancy and the Birth Weight Distribution: Where is the effect? *J Phys Act Health*. 2011 Dec 27. [Epub ahead of print] PMID: 22207373
196. O'Shea TM, Allred EN, Kuban KC, Dammann O, **Paneth N**, Fichorova R, Hirtz D, Leviton A; Extremely Low Gestational Age Newborn (ELGAN) Study Investigators. Elevated concentrations of inflammation-related proteins in postnatal blood predict severe developmental delay at 2 years of age in extremely preterm infants. *J Pediatr*. 2012 Mar;160(3):395-401.e4

2012

197. O'Shea TM, Allred EN, Kuban KC, Hirtz D, Specter B, Durfee S, **Paneth N**, Leviton A; ELGAN Study Investigators. Intraventricular hemorrhage and developmental outcomes at 24 months of age in extremely preterm infants. *J Child Neurol*. 2012;27:22-9. PMID: 22232137
198. O'Shea TM, Allred EN, Kuban KC, Dammann O, **Paneth N**, Fichorova R, Hirtz D, Leviton A; Extremely Low Gestational Age Newborn (ELGAN) Study Investigators Elevated concentrations of inflammation-related proteins in postnatal blood predict severe developmental delay at 2 years of age in extremely preterm infants. *J Pediatr*. 2012 Mar;160(3):395-401.PMID: 22000304
199. **Paneth N**: Stillbirth: still important and still a puzzle. *Epidemiology*. 2012;23:255-6. PMID: 22317808
200. La Gamma EF, **Paneth N**. Clinical importance of hypothyroxinemia in the preterm infant and a discussion of treatment concerns. *Curr Opin Pediatr*. 2012 Apr;24(2):172-80.PMID: 22273635
201. Helderman JB, O'Shea TM, Kuban KC, Allred EN, Hecht JL, Dammann O, **Paneth N**, McElrath TF, Onderdonk A, Leviton A; for the ELGAN study Investigators. Antenatal Antecedents of Cognitive Impairment at 24 Months In Extremely Low Gestational Age Newborns. *Pediatrics*. 2012 Mar;129(3):494-502. PMID: 22331342
202. Movsas TZ, **Paneth N**: The Effect of Gestational Age on Symptom Severity in Children with Autism Spectrum Disorder. *J Autism Dev Disord*. 2012 Mar 16. PMID: 22422339.
203. Hidecker MJC, Ho NT, Dodge N, Hurvitz EA, Slaughter J, Workinger MS, Kent RD, Rosenbaum P, Lenski M, Messaros BM, VanderBeek SB, DeRoos S, **Paneth N**: Inter-relationships of functional status in cerebral palsy: Analyzing Gross Motor Function, Manual Ability, and Communication Function Classification Systems in children. *Dev Med Child Neurol* 2012: Aug;54(8):737-42
204. Tyler CP, Grady SC, Grigorescu V, Luke B, Todem D, **Paneth N**: Impact of Fetal Death Reporting Requirements on Early Neonatal and Fetal Mortality Rates and Racial Disparities. *Public Health Reports* 2012;127 (5).
205. Korzeniewski SJ, Grigorescu V, Kleyn M, Young W, Birbeck GL, Todem D, Romero R, Chaiworapongsa T, **Paneth N**. Performance metrics after changes in screening protocol for congenital hypothyroidism. *Pediatrics*. 2012 Nov;130(5):e1252-60.
206. Tyler CP, **Paneth N**, Leviton A: Maternal social and behavioral antecedents of cerebral white matter damage and cerebral palsy sub-types in extremely low gestational age children: The ELGAN Study. *Am J Ob Gyn* 2012 Sep;207(3):192.e1-9.
207. Nechuta S, Mudd LM, Elliott MR, Lepkowski JM, **Paneth N**; Michigan Alliance for the National Children's Study. Attitudes of pregnant women towards collection of biological specimens during pregnancy and at birth. *Paediatr Perinat Epidemiol*. 2012 May;26(3):272-5
208. Streimish IG, Ehrenkranz RA, Allred EN, O'Shea TM, Kuban KC, **Paneth N**, Leviton A; ELGAN Study Investigators. Birth weight- and fetal weight-growth restriction: impact on neurodevelopment. *Early Hum Dev*. 2012 Sep;88(9):765-71.
209. Resau JH, Ho NT, Dykema K, Faber MS, Busik JV, Nickolov RZ, Furge KA, **Paneth N**, Jewell S, Khoo SK. Evaluation of Sex-Specific Gene Expression in Archived Dried Blood Spots (DBS). *Int J Mol Sci*. 2012;13(8):9599-608.

210. Leviton A, Allred EN, Dammann O, Engelke S, Fichorova RN, Hirtz D, Kuban KC, Ment LR, O'shea TM, **Paneth N**, Shah B, Schreiber MD. Systemic Inflammation, Intraventricular Hemorrhage, and White Matter Injury. J Child Neurol. 2012 Dec;28(12):1637-45

2013

211. Korzeniewski SJ, Grigorescu V, Kleyn M, Young WI, Birbeck GL, Todem D, Romero R, **Paneth N**: Transient Hypothyroidism at Three Year Follow-Up among Cases of Congenital Hypothyroidism Detected by Newborn Screening. J Pediatrics. 2013 Jan;162(1):177-82.
212. Belanger K, Buka S, Cherry DC, Dudley DJ, Elliott MR, Hale DE, Hertz-Picciotto I, Illuzzi JL, **Paneth N**, Robbins JM, Triche EW, Bracken MB. Implementing provider-based sampling for the National Children's Study: opportunities and challenges. Paediatr Perinat Epidemiol. 2013 Jan;27(1):20-6.
213. Korzeniewski SJ,* Grigorescu V, Kleyn M, Young WI, Birbeck G, Todem D, Romero R, **Paneth N**. Transient hypothyroidism at 3-year follow-up among cases of congenital hypothyroidism detected by newborn screening. J Pediatr. 2013 Jan;162(1):177-82
214. Bracken MB, Baker D, Cauley JA, Chambers C, Culhane J, Dabelea D, Dearborn D, Drews-Botsch CD, Dudley DJ, Durkin M, Entwisle B, Flick L, Hale D, Holl J, Hovell M, Hudak M, **Paneth N**, Specker B, Wilhelm M, Wyatt S. New models for large prospective studies: is there a risk of throwing out the baby with the bathwater? Am J Epidemiol. 2013 Feb 15;177(4):285-9.
215. Leviton A, Fichorova RN, O'Shea TM, Kuban K, **Paneth N**, Dammann O, Allred EN; ELGAN Study Investigators. Two-hit model of brain damage in the very preterm newborn: small for gestational age and postnatal systemic inflammation. Pediatr Res. 2013 Mar;73(3):362-70.
216. Korzeniewski SJ, Pinto-Martin JA, Whitaker AH, Feldman JF, Lorenz JM, Levy SE, Movsas TZ, Pappas A, **Paneth N**. Association between transient hypothyroxinaemia of prematurity and adult autism spectrum disorder in a low-birthweight cohort: an exploratory study. Paediatr Perinat Epidemiol. 2013;27:182-7.
217. **Paneth N**, Fine P. The singular science of John Snow. Lancet 2013;381:1267-8.
218. Ho NT, Furge K, Fu W, Busik J, Khoo SK, Lu Q, Lenski M, Wirth J, Hurvitz E, Dodge N, Resau J, **Paneth N**. Gene expression in archived newborn blood spots distinguishes infants who will later develop cerebral palsy from matched controls. Pediatr Res. 2013;73:450-6.
219. **Paneth N**. Restoring science to the National Children's Study. JAMA. 2013 May 1;309:1775-6.
220. Kerver JM**, Elliott MR, Norman GS, Sokol RJ, Keating DP, Copeland GE, Johnson CC, Cisko KK, Alcser KH, Kruger-Ndiaye SR, Pennell BE, Mehta S, Joseph CL, **Paneth N**; MANCS Executive Committee. Pregnancy recruitment for population research: the National Children's Study vanguard experience in Wayne County, Michigan. Paediatr Perinat Epidemiol. 2013 May;27:303-11.
221. Movsas TZ,** Pinto-Martin JA, Whitaker AH, Feldman JF, Lorenz JM, Korzeniewski SJ,* Levy SE, **Paneth N**. Autism spectrum disorder is associated with ventricular enlargement in a low birth weight population. J Pediatr. 2013;163:73-8.
222. Slaughter J, Wei C, Korzeniewski SJ, Lu Q, Beck JS, Khoo SK, Brovont A, Maurer J, Martin D, Lenski M, **Paneth N**. High correlations in gene expression between paired umbilical cord blood and neonatal blood of healthy newborns on Guthrie cards. J Matern Fetal Neonatal Med. 2013 Dec;26(18):1765-7.
223. Logan JW, Westra SJ, Allred EN, O'Shea TM, Kuban K, **Paneth N**, Leviton A; ELGAN Study investigators. Antecedents of perinatal cerebral white matter damage with and without intraventricular hemorrhage in very preterm newborns. Pediatr Neurol. 2013;49:88-96.
224. Movsas TZ, **Paneth N**, Rumbelha W, Zyskowski J, Gewolb IH:Effect of Routine Vaccination on Aluminum and Essential Element Levels in Preterm Infants. JAMA Pediatr. 2013;167:870-2
225. **Paneth N**: Two Views of Cholera. Int J Epid 2013 Dec;42(6):1565-6.

2014

226. Wei C, Lu Q, Khoo S-K, Lenski M, **Paneth N**, Fichorova R, Leviton A: Comparison of Frozen and Unfrozen newborn blood spots for Gene Expression Studies. J Pediatrics 2014 Jan;164(1):189-191
227. Elder TE, Goddeeris JH, Haider SJ, **Paneth N**. The changing character of the black-white infant mortality gap, 1983-2004. Am J Public Health. 2014 Feb;104 Suppl 1:S105-11

228. Allred EN, Capone A Jr, Fraioli A, Dammann O, Droste P, Duker J, Gise R, Kuban K, Leviton A, O'Shea TM, **Paneth N**, Petersen R, Trese M, Stoessel K, Vanderveen D, Wallace DK, Weaver G. Retinopathy of prematurity and brain damage in the very preterm newborn. *JAAPOS*. 2014 Jun;18(3):241-7.
229. van Wassenaer-Leemhuis A, Ares S, Golombek S, Kok J, **Paneth N**, Kase J, LaGamma EF. Thyroid hormone supplementation in preterm infants born before 28 weeks gestational age and neurodevelopmental outcome at age 36 months. *Thyroid*. 2014 Jul;24(7):1162-9.
230. Tarnow-Mordi W, Duley L, Field D, Marlow N, Morris J, Newnham J, **Paneth N**, Soll RF, Sweet D. Timing of cord clamping in very preterm infants: more evidence is needed. *Am J Obstet Gynecol*. 2014 Aug;211(2):118-23
231. Kuban KC, O'Shea TM, Allred EN, **Paneth N**, Hirtz D, Fichorova RN, Leviton A; for the ELGAN Study Investigators. Systemic Inflammation and Cerebral Palsy Risk in Extremely Preterm Infants. *J Child Neurol*. 2014 Mar 18. [Epub ahead of print]
232. Mudd LM, Pivarnik JM, Pfeiffer KA, **Paneth N**, Chung H, Holzman C. Maternal Physical Activity During Pregnancy, Child Leisure-Time Activity, and Child Weight Status at 3-9 Years. *J Phys Act Health*. 2014 May 9 [Epub ahead of print]
233. Korzeniewski SJ, Soto-Rivera CL, Fichorova RN, Allred EN, Kuban KC, O'Shea TM, **Paneth N**, Agus M, Dammann O, Leviton A. Are preterm newborns who have relative hyperthyrotropinemia at increased risk of brain damage? *J Pediatr Endocrinol Metab*. 2014 Jun 4. [Epub ahead of print]
234. Mehta S, Kerver J, Sokol RJ, Keating D, **Paneth N**: The Association between Maternal Obesity and Neurodevelopmental Outcomes of Offspring. *J Pediatr*. 2014 Aug 22 [Epub ahead of print].
235. Durkin MS, **Paneth N**. Mervyn Susser's Legacy in Perinatal Epidemiology. *Paediatr Perinat Epidemiol*. 2014 Nov;28(6):470-2.

2015

236. Kuban KC, O'Shea MT, Allred EN, Fichorova RN, Heeren T, **Paneth N**, Hirtz D, Dammann O, Leviton A; ELGAN Study Investigators. The Breadth and Type of Systemic Inflammation and the Risk of Adverse Neurological Outcomes in Extremely Low Gestation Newborns. *Pediatr Neurol*. 2015; 52(1):42-8.
237. Mudd LM, Pivarnik JM, Pfeiffer KA, **Paneth N**, Chung H, Holzman C: Maternal Physical Activity During Pregnancy, Child Leisure-Time Activity, and Child Weight Status at 3 to 9 Years. *J Phys Act Health*. 2015 Apr;12(4):506-14.
238. Korzeniewski SJ, Allred E, Logan JW, Fichorova RN, Engelke S, Kuban KC, O'Shea TM, **Paneth N**, Holm M, Dammann O, Leviton A; ELGAN study investigators. Elevated endogenous erythropoietin concentrations are associated with increased risk of brain damage in extremely preterm neonates. *PLoS One*. 2015 Mar 20;10(3):e0115083.
239. Joyner MJ, **Paneth N**: Seven Questions for Personalized Medicine. *JAMA*. 2015 Sep 8;314(10):999-1000.
240. Li Q, Lenski M, Copeland G, Kinsman SL, Francis, M, Kirby RS, **Paneth N**: Recording of Neonatal Seizures in Birth Certificates, Maternal Interviews, and Hospital Discharge Abstracts in a Cerebral Palsy Case-Control Study in Michigan. *J Child Neurol* 2015 Dec 14. pii: 0883073815620678. [Epub ahead of print]
241. Leviton A, Allred EN, Kuban KC, O'Shea TM, **Paneth N**, Majzoub J; ELGAN Study Investigators: Brain disorders associated with corticotropin releasing hormone expression in the placenta among children born before the 28th week of gestation. *Acta Paediatr*. 2015 Sep 2. *Acta Paediatr*. 2016 Jan;105(1):e7-e11

2016

242. Leviton A, Allred EN, Kuban KC, O'Shea TM, **Paneth N**, Onderdonk AB, Fichorova RN, Dammann O; ELGAN Study Investigators: The Development of Extremely Preterm Infants Born to Women Who Had Genitourinary Infections During Pregnancy. *Am J Epidemiol*. 2016 Jan 1;183(1):28-35.
243. Leviton A, Allred EN, Kuban KC, O'Shea TM, **Paneth N**, Majzoub J; ELGAN Study Investigators Brain disorders associated with corticotropin-releasing hormone expression in the placenta among children born before the 28th week of gestation. *Acta Paediatr*. 2016 Jan;105(1):e7-11.
244. Korzeniewski SJ, Feldman JF, Lorenz JM, Pinto-Martin JA, Whitaker AH, **Paneth N**: Persistence of Cerebral Palsy Diagnosis: Assessment of a Low-Birth-Weight Cohort at Ages 2, 6, and 9 Years. *J Child Neurol*. 2016; Mar;31(4):461-7

245. Graham KH, Rosenbaum P, **Paneth N**, Dan B, Lin J-P, Lieber RL, Damiano DL, Becher JG, Gaebler-Spira D, Colver A, Reddihough DS, Crompton KE: Cerebral Palsy. *Nature Review Disease Primers*. 2016; Jan 7;2:15082
246. Paneth N: The Origins of Fetal Origins. *Int J Epidemiol*. 2016; 45 (2): 319-320
247. Ho NT, Busik JV, Resau JH, **Paneth N**, Khoo SK: Effect of storage time on gene expression data acquired from unfrozen archived newborn blood spots. *Mol Genet Metab*. 2016 Nov;119(3):207-213.
248. Joyner MJ, **Paneth N**, Ioannidis JP: What Happens When Underperforming Big Ideas in Research Become Entrenched? *JAMA*. 2016 Oct 4;316(13):1355-1356.
249. Li Q, Lenski M, Copeland G, Kinsman SL, Francis M, Kirby RS, **Paneth N**. Recording of Neonatal Seizures in Birth Certificates, Maternal Interviews, and Hospital Discharge Abstracts in a Cerebral Palsy Case-Control Study in Michigan. *J Child Neurol*. 2016 Jun;31(7):817-23.

2017

250. Kuban KC, Joseph RM, O'Shea TM, Heeren T, Fichorova RN, Douglass L, Jara H, Frazier JA, Hirtz D, Rollins JV, **Paneth N**; Extremely Low Gestational Age Newborn (ELGAN) Study Investigators. Circulating Inflammatory-Associated Proteins in the First Month of Life and Cognitive Impairment at Age 10 Years in Children Born Extremely Preterm. *J Pediatr*. 2017 Jan;180:116-123
251. Joseph RM, O'Shea TM, Allred EN, Heeren T, Hirtz D, **Paneth N**, Leviton A, Kuban KC. Prevalence and associated features of autism spectrum disorder in extremely low gestational age newborns at age 10 years. *Autism Res*. 2017 Feb;10(2):224-232 May 25.
252. Elafros MA, Birbeck GL, Gardiner JC, Siddiqi OK, Sikazwe I, **Paneth N**, Bositis CM, Okulicz JF. Patient-Reported Adverse Effects Associated with Combination Antiretroviral Therapy and Coadministered Enzyme-Inducing Antiepileptic Drugs. *Am J Trop Med Hyg*. 2017 Jun;96(6):1505-1511.
253. Li M, Diamandis EP, **Paneth N**, Yeo KJ, Vogt H, Master SR. Wellness Initiatives: Benefits and Limitations. *Clin Chem*. 2017 Jun;63(6):1063-1068.
254. Dan B, **Paneth N**. Making sense of cerebral palsy prevalence in low-income countries. *Lancet Glob Health*. 2017 Dec;5(12):e1174-e1175.
255. Panigrahi P, Parida S, Nanda NC, Satpathy R, Pradhan L, Chandel DS, Baccaglioni L, Mohapatra A, Mohapatra SS, Misra PR, Chaudhry R, Chen HH, Johnson JA, Morris JG, **Paneth N**, Gewolb IH. A randomized synbiotic trial to prevent sepsis among infants in rural India. *Nature* 2017 Aug 24;548(7668):407-412. Corrigendum published *Nature* 2018 Jan 11;553(7687):238.

2018

256. Marshall MR, **Paneth N**, Gerlach JA, Mudd LM, Biery L, Ferguson DP, Pivarnik JM. Differential methylation of insulin-like growth factor 2 in offspring of physically active pregnant women. *J Dev Orig Health Dis*. 2018 Jan 9:1-8.
257. **Paneth N**. Hypoxia-ischemia and brain injury in infants born preterm. *Dev Med Child Neurol*. 2018 Feb;60(2):115.
258. Hirschberger RG, Kuban KCK, O'Shea TM, Joseph RM, Heeren T, Douglass LM, Stafstrom CE, Jara H, Frazier JA, Hirtz D, Rollins JV, **Paneth N**; ELGAN Study Investigators. Co-occurrence and Severity of Neurodevelopmental Burden (Cognitive Impairment, Cerebral Palsy, Autism Spectrum Disorder, and Epilepsy) at Age Ten Years in Children Born Extremely Preterm. *Pediatr Neurol*. 2018 Feb;79:45-52.
259. **Paneth N**, Monk C: The importance of cohort research starting early in life to understanding child health. *Curr Opin Pediatr*. 2018 Apr;30(2):292-296.
260. Hidecker MJC, Slaughter J, Abeysekara P, Ho NT, Dodge N, Hurvitz EA, Workinger MS, Kent RD, Rosenbaum P, Lenski M, Vanderbeek SB, DeRoos S, **Paneth N**. Early Predictors and Correlates of Communication Function in Children With Cerebral Palsy. *J Child Neurol*. 2018 Mar;33(4):275-285.
261. van der Burg JW, O'Shea TM, Kuban K, Allred EN, **Paneth N**, Dammann O, Leviton A. Are Extremely Low Gestational Age Newborns Born to Obese Women at Increased Risk of Cerebral Palsy at 2 Years? *J Child Neurol*. 2018 Mar;33(3):216-224.
262. Slawinski BL, Talge N, Ingersoll B, Smith A, Glazier A, Kerver J, **Paneth N**, Racicot K. Maternal cytomegalovirus sero-positivity and autism symptoms in children. *Am J Reprod Immunol*. 2018 May;79(5):e12840.

263. Petersen TG, Andersen AN, Uldall P, **Paneth N**, Feldt-Rasmussen U, Tollånes MC, Strandberg-Larsen K: Maternal thyroid disorder in pregnancy and risk of cerebral palsy in the child: a population-based cohort study. *BMC Pediatr.* 2018 May 31;18(1):181
264. Korzeniewski SJ, Lenski MH, Slaughter J, Haak P, **Paneth N**: The Epidemiology of Cerebral Palsy. *Nature Reviews Neurology* 2018 Sep;14(9):528-543.
265. Kuban KCK, Heeren T, O'Shea TM, Joseph RM, Fichorova RN, Douglass L, Jara H, Frazier JA, Hirtz D, Taylor HG, Rollins JV, **Paneth N**; ELGAN Study Investigators. Among Children Born Extremely Preterm, a Higher Level of Circulating Neurotrophins Is Associated with Lower Risk of Cognitive Impairment at School Age. *J Pediatr.* **2018** Oct;201:40-48.e4.
266. Chandra S, Christensen J, Mamelund S-E, **Paneth N**: Short-term Birth Sequelae of the 1918-20 Influenza Pandemic in the United States: State-Level analysis. *Am J Epidemiology.* 2018 Dec 1;187(12):2585-2595
267. Elafros MA, Gardiner JC, Sikazwe I, Okulicz JF, **Paneth N**, Chomba E, Birbeck GL: Evaluating layered stigma from comorbid HIV and epilepsy among Zambian adults. *eNeurologicalSci.* 2017 Dec 21;13:56-62. doi: 10.1016/j.ensci.2017.12.001. eCollection 2018 Dec.
268. **Paneth N**, Joyner MJ. Editors' Introduction to the Special Issue. *Perspect Biol Med.* 2018;61(4):467-471.
269. **Paneth N**, Vermund S: Human Molecular Genetics has not yet Contributed to Measurable Public Health Advances. *Perspectives in Biology and Medicine.* 2018;61(4):537-549.

2019

270. Joyner MJ, **Paneth N**. Promises, promises, and precision medicine. *J Clin Invest.* 2019 Jan 28. pii: 126119.
271. Joyner MJ, **Paneth N**: Precision medicine's rosy predictions haven't come true. We need fewer promises and more debate. *STATNEWS*, Feb 7, 2019
272. Kuban KCK, Jara H, O'Shea TM, Heeren T, Joseph RM, Fichorova RN, Alshamrani K, Aakil A, Beaulieu F, Horn M, Douglass LM, Frazier JA, Hirtz D, Rollins JV, Cochran D, **Paneth N**; ELGAN Study Investigators Association of Circulating Proinflammatory and Anti-inflammatory Protein Biomarkers in Extremely Preterm Born Children with Subsequent Brain Magnetic Resonance Imaging Volumes and Cognitive Function at Age 10 Years. *J Pediatr.* 2019 May 7. S0022-3476(19)30305-1.
273. Sugino KY, **Paneth N**, Comstock SS. Michigan cohorts to determine associations of maternal pre-pregnancy body mass index with pregnancy and infant gastrointestinal microbial communities: Late pregnancy and early infancy. *PLoS One.* 2019 Mar 18;14(3):e0213733

CHAPTERS IN BOOKS

1981

1. **Paneth N**, Barnett HL, Stein ZA, Susser MW. Epidemiologic principles in the study of human development. In: Kretchmer N, Brasel J, eds. Biomedical and Social Bases of Pediatrics. New York: Masson, 1981; 125-134.
2. Kiely JL, **Paneth N**, Susser MW. Low birthweight, neonatal care and cerebral palsy. In: Mittler P, ed. Frontiers of Knowledge in Mental Retardation. Vol II: Biomedical Aspects. Baltimore: University Park Press, 1981; 93-106.

1983

3. **Paneth N**, Stark RI. Mental retardation, cerebral palsy and intrapartum asphyxia. In: Cohen W, Friedman E, eds. Management of Labor. Baltimore: University Park Press, 1983; 143-161.

1985

4. Susser MW, Hauser WA, Kiely JL, **Paneth N**, Stein ZA. Epidemiologic estimates of prenatal and perinatal risk factors for perinatal mortality, cerebral palsy, mental retardation and epilepsy. In: Freeman J, ed. Prenatal and Perinatal Risk Factors Associated with Brain Disorders. (USDHEW, NIH publication no. 85-1149). April 1985; 359-439.
5. Kiely JL, **Paneth N**, Susser MW. Preventability of fetal death during labor: Epidemiologic studies and ongoing surveillance using New York City vital records. In: Proceedings of the 1985 Public Health Conference on Records and Statistics. National Center for Health Statistics, Hyattsville, 1985.

1986

6. **Paneth N.** Recent trends in preterm delivery rates in the United States. In: Papiernik E, Breart G, Spira N, eds. Prevention of Preterm Birth. Inserm, 138, 1986; 15-30.

1988

7. **Paneth N, Stark RI.** Cerebral palsy, mental retardation and intrapartum asphyxia. In: Cohen W: Management of Labor, Second Edition. Aspen Press, Rockville, MD. 1988; 159-181.
8. Pinto J, **Paneth N**, Rudelli R, Kairam R. The neuropathological validation of cranial ultrasound diagnosis in low birthweight infants: Some preliminary observations. In: French J, Harel S, Casaer P, eds: Child Neurology and Developmental Disabilities: Selected Proceedings of the Fourth International Child Neurology Congress. Baltimore: Paul Brookes, 1988; 185-190.

1990

9. **Paneth N, Pinto J.** The epidemiology of germinal matrix/intraventricular hemorrhage. In: Keily M, ed: Reproductive and Perinatal Epidemiology. Boca Raton, Florida, CRC Press, 1990; 371-399.
10. **Paneth N.** Infant Mortality. In: Rogers DE, Ginzberg E: Improving the Life Chances of Children at Risk. Boulder, Colorado, Westview Press, 1990; 11-26.
11. Gordis L, Kleinman J, Klerman LV, Mullan P, **Paneth N.** Criteria for evaluation of evidence regarding the effectiveness of prenatal interventions. In: Merkatz LR, Thompson JE, Mullan PD, Goldenberg RL, eds. New Perspectives on Prenatal Care. N.Y., Elsevier Science. 1990; pp.31-38.

1992

12. **Paneth N.** The role of neonatal intensive care in lowering infant mortality. In: Kotch JB, Blakely CH, Brown SS, Wong FY, eds: A Pound of Prevention: The Case for Universal Maternity Care in the U.S. APHA Press, Washington, D.C., 1992; pp. 49-63.

1993

13. **Paneth N.** Combating measles in the highlands. In: Luecke R, ed: A New Dawn of Health in Guatemala. Waveland Press, Prospect Heights, Il, 1993).

1995

14. **Paneth N.** Epidemiologic principles in assessing the neurodevelopmental effects of fetal exposures to organochlorines. In: The Toxicology Forum: Chlorinated Organic Chemicals. Their effect on Human Health and the Environment pp. 351-369. Sharpe and Arend, Berlin, 1995.
15. **Paneth N.** Infant mortality in Michigan - implications for public policy. In: Knott J. et al, eds: Policy Choices: Framing the Debate for Michigan's Future Michigan State University Press, 1995.

1996

17. **Paneth N.** Discussion of clinical assessment - Obstetrics. In: Wright LL, Merenstein G, Hirtz D. (Eds.) Report of the workshop on Acute perinatal asphyxia in term infants. U.S. Department of Health and Human Services, Washington, DC, 1996 (NIH publication #96-3823).

2002

18. Collins M, **Paneth N:** The Relationship of Birth Asphyxia to Later Motor Disability. In Donn SM, Sinha SK, Chiswick ML, eds. Birth Asphyxia and the Brain: Basic Science and Clinical Implications, Armonk, NY: Futura Publishing, 2002.
19. **Paneth N:** Biographies of Edwin Chadwick (pp. 178-9), Carlos Finlay (p. 447), Girolamo Fracastoro (p. 459), Jacob Henle (p. 560), Lady Mary Wortley Montagu (with Ellen Pollak, pp. 773-4), Walter Reed (pp. 1018-1019), and Thomas Sydenham (pp. 1177-1178) in Breslow, L ed.: The Encyclopedia of Public Health New York, MacMillan, 2002.

20. Lambert, M.C., Samms-Vaughan, M.E., Schmitt, Kirsch, E, **Paneth N**: Effects of Environmental factors on Psychological Adjustment in Very Low Birthweight and Higher Birthweight Jamaican Adolescents. In N. Singh and A. Singh (Eds.) International Perspectives on Child and Adolescent Mental Health London: Elsevier Science.2002.
21. Beekman W, **Paneth N**, Todd E, Hayes O: Bioterrorism Preparedness and Protection in Michigan. In Nerenz D, Weissert C, eds. Health Care Policy in Michigan.

2004

22. **Paneth N**, Susser E, Susser MW: Origins and early development of the case-control study. In Morabia A, ed. History of Epidemiologic Methods and Concepts. Basel: Birkhäuser Verlag, 2004. (*republishing of articles # 111,112*)

2005

23. Whitaker AH, Feldman JF, Breslau N, Lorenz J, **Paneth N**: Prematurity and Cerebral Palsy. In Coffey CE, Brumbach RA, Rosenberg DR, Voeller K, eds. Textbook of Essential Pediatric Neuropsychiatry. Baltimore: Lippincott, Williams and Wilkins.

2006

24. **Paneth N**: John Snow. In The Encyclopedia of Epidemiology. Sage Publications: Thousand Oaks, CA, 2006.
25. **Paneth N**: The Barker Hypothesis. In The Encyclopedia of Epidemiology. Sage Publications: Thousand Oaks, CA, 2006.

2010

26. Korzeniewski S, **Paneth N**: The Epidemiology of Cerebral Palsy. In Sheiner E, ed: Textbook of Perinatal Epidemiology. Pp 499 – 521. Nova Science.

2011

27. **Paneth N**: Perinatal Epidemiology. In Gleason C, Devaskar SU, eds: Avery's Diseases of the Newborn, 9th edition.

2014

28. Edmund F La Gamma EF, Korzeniewski SJ, Ballabh P, **Paneth N**: Endocrine Pathways to Cerebral Palsy in Dan B, Mayston M, **Paneth N**, Rosenbloom L, eds: Cerebral Palsy: Science and Clinical Practice London: Mac Keith Press, 2014

2016

29. **Paneth N**, Thompson T: Perinatal Epidemiology. In Gleason C, Devaskar SU, eds: Avery's Diseases of the Newborn, 10th edition.

2019

30. **Paneth N**: Developmental Disabilities. In Bolton M, ed. Maxcy, Rosenau, Last Public Health and Preventive Medicine, 16th edition, McGraw Hill, forthcoming

COMMITTEE PUBLICATIONS

1. Task Force on Fetal Distress: Predictors of Intrapartum Fetal Distress. In: Antenatal Diagnosis. Report of a Consensus Development conference. U.S. Dept of HEW. NIH publication No. 79-1973, April 1979. (Summarized in Zuspan FP, Quilligan EJ, Iams JD, Van Geijn HP: NICHD Consensus Development Task Force report:: Predictors of intrapartum fetal distress-the role of electronic fetal monitoring. J Pediatrics 1979;95:1026-30 and Am J Obstet Gynecol. 1979;135:287-91.)
2. Committee on Assessing Alternative Birth Practices: Research Issues in the Assessment of Birth Settings. National Academy Press, Washington, D.C., 1982.
3. Public Health Service Expert Panel on the Content of Prenatal Care: Caring for our Future: The Content of Prenatal Care. Dept of Health and Human Services, Washington, D.C., 1989.

4. Holzman C, **Paneth N**. Illicit drug use during pregnancy: Perinatal Effects. Background paper for Robins L, Mills J eds: Drug Use in Pregnancy. Report to Congress, 1992.
5. **Paneth N**. Section author, in Robins LN, Mills JL, eds. Effects of in utero exposure to street drugs. Am Jnl Pub Health, 1993; 83 (Suppl.) 1-32.
6. NICHD Research Planning workshop: Electronic fetal heart rate Monitoring: Research guidelines for interpretation Am J Obstet Gyn 1997;177:1385-1390. Also published in J-Obstet-Gynecol-Neonatal-Nurs. 1997;26: 635-40.
7. Erenberg, A, Lemons J, Sia C, Tunkel D, Ziring P, Adams M, Holstrum J, McPherson M, **Paneth N**, Strickland, B: Newborn and infant hearing loss: Detection and intervention. Pediatrics 1999; 103:527-530.
8. Attenborough R, Kirby R, **Paneth N**: Canadian Perinatal Surveillance System Evaluator's Report. Submitted to CPSS, Dec 19, 2005.
9. Ischemic Perinatal Stroke: Summary of a Workshop Sponsored by NICHD and NINDS. Pediatrics 2007; 120:609-16.

BOOK REVIEWS, LETTERS AND SHORT COMMUNICATIONS

1. **Paneth N**. Review of Shanklin R and Hodin J. Maternal nutrition and child health. J Comm Health 1979; 5:144-145.
2. **Paneth N**. Review of Wynn M and Wynn A. Prevention of handicap and the health of women. J. Comm Health 1980; 6:71-72.
3. **Paneth N**, Lansky M, Hiatt IM, Hegyi T. Congenital malformation clusters in Eastern United States. Lancet 1980; ii:808-809.
4. **Paneth N**, Lee K-S, Gartner LM, Pearlman M, Hein H, Anderson J. Analysis of neonatal mortality. J Pediat 1981; 99:503-504.
5. **Paneth N**. Survival of low birthweight infants. City Health Information 1982; 1:23.
6. Schimmel MS, Wung J-T, Kairam R, Sanocka U, **Paneth N**, Abramson SJ, Driscoll JM. Tension pneumothorax and intraventricular hemorrhage. Lancet 1983; i:413.
7. McCarton CM, Driscoll J, James LS, **Paneth N**, Petrie RH, Richard RR. Following up the VLBW infant. Problem-Patient conference. Contemporary OB/GYN, June 1984, 194-209.
8. Nelson K, Brann A, **Paneth N**. Apgar score revisited. Pediatric Update 1985; vol 5, no. 10, (American Academy of Pediatrics educational tape)
9. **Paneth N**. The conference scene (SPER 1989). Paed g Epidemiol 1990; 4:259-260.
10. **Paneth N**. The conference scene (SPER 1990). Paed Perinat Epidemiol 1991; 5:239-241.
11. **Paneth N**. Review of Gordis L, ed. Epidemiology and health risk assessment. Paed Perinat Epidemiol 1991; 5:458-459.
12. **Paneth N**. The Conference Scene (SPER 1991) Paed Perinat Epidemiol 1991; 5:463-464.
13. **Paneth N**. Maternal and Child Health in Focus on Michigan's Future: Trends and Perspectives, MSU extension publication, October 1992.
14. **Paneth N**. Review of Pless IB (Ed.) The epidemiology of childhood disorders. Epidemiol Monitor 1994; 15:5.
15. Ackermann-Leibrich U, Alberman E, Moessinger A, **Paneth N**, Reynolds O, Schneider H, Stanley F and Wigglesworth J. Perinatal Epidemiology Meeting: The epidemiology of the cerebral palsies. Paed Perinat Epidemiol 1996; 10:355-357.
16. **Paneth N**. Review of Baker . The machine in the nursery: Incubator technology and the origins of newborn intensive care. New England J Medicine 1996; 336:230 .
17. **Paneth N**. Letter responding to interview with Gary Taubes. Epidemiology Monitor 1996; 16:1-4.
18. Rip M, **Paneth N**. The geographic epidemiology of severe preterm birth in infant mortality in Detroit. Policy Choices: Creating Michigan's Future 1996.
19. **Paneth N**. What constitutes research data? Research Integrity (Michigan State University publication) 1996; 1:2-3.
20. Rip M, **Paneth N**. The racial difference in preterm delivery remains a puzzle. Michigan State University, IPPSR Perspectives Winter 1997.
21. **Paneth N**: ACTOBAT: 1-year follow-up. (letter) Pediatrics 1997; 100:903

22. Mullard A, Wirth J, Karmaus W, **Paneth N**: Testosterone level as a potential selection bias for semen donors in assessing population fertility. (letter) Epidemiology 1999; 10:467-8. (follow-up correspondence - Epidemiology 2000; 11:232-4.)
23. **Paneth N**: Twins, prenatal care and place of birth. Invited commentary on Kogan et al: Trends in twin birth outcomes and prenatal care utilization in the US, 1981-1999, JAMA 2000;284;335-341. in Fanaroff AA, Maisels MJ, Stevenson DK, eds. Yearbook of Neonatal and Perinatal Medicine. Pp. 358-9. St. Louis: Mosby, 2001.
24. Lenski M, Bishai SK, **Paneth N**: Disability information improves reliability of cerebral palsy classification. Dev Med Child Neurol 2001;43:574-5.
25. **Paneth N**: Report on Symposium honoring Zena Stein and Mervyn Susser. Epidemiology Monitor July, 2001.
26. **Paneth N**: Book review of Island Epidemics by Andrew Cliff, Peter Haggett and Matthew Smallman-Raynor. Am J Epidemiol 2002; 155: 680-1.
27. **Paneth N**: Preventing childhood obesity: controlling medical costs. Michigan Family Impact Seminars, Briefing Report 2005 – 1, Feb 2005.
28. **Paneth N**: Birthweight and Blood Pressure. Invited commentary on Mzayek et al: The association of birth weight with developmental trends in blood pressure from childhood through mid-adulthood: the Bogalusa Heart study. Am J Epidemiol. 2007;166:413-20. in Ehrenkranz R, ed: Yearbook of Neonatal and Perinatal Medicine St. Louis: Mosby, 2008
29. **Paneth N**, Vandewoude G, Kort EJ: Screening and Detection of Breast Cancer and Prostate Cancer. (letter) JAMA. 2010;303(11):1032-1033
30. **Paneth N**. Candidates at risk for postnatal outcomes. Epidemiology. 2012 Nov;23(6):939.
31. **Paneth N**. Jean Golding: showing us the way. Paediatr Perinat Epidemiol. 2012 Jul;26(4):306.
32. Bracken MB, Hertz-Picciotto I, Elliott MR, Dudley DJ, Buka S, Robbins JM, Paneth N. Response to Professor Olsen's commentary on 'random sampling - is it worth it?'. Paediatr Perinat Epidemiol. 2013 Jan;27(1):29-30.
33. **Paneth N**: Review of: Bracken M: Risk, Chance, and Causation Investigating the Origins and Treatment of Disease. Lancet 2014; 383;1029 – 1030.
34. Warner DO, Joyner MJ, **Paneth N**: Use of FEV1 as a measure of lung health in the UK BiLEVE study. Lancet Respir Med. 2015 Dec;3(12):e42.
35. Joyner MJ, **Paneth N**: Value of Personalized Medicine--Reply. JAMA. 2016 Feb 9;315(6):613-4.

ABSTRACTS AND SCIENTIFIC PRESENTATIONS (SINCE 1996)

1996

1. Paneth N. Neuropathology of brain damage in the preterm infant. Presented at the perinatal Epidemiology Meeting, Berne, Switzerland, March 1996.
2. Everett MF, Welch K, Schork MA, Paneth N, Leviton A. Interobserver variability in the interpretation of neonatal cranial ultrasounds. Presented at the Society for Pediatric Research, Washington, DC, May 1996 (Abstract: Pediatric Research 1996;).
3. Reuss ML, Whitaker AH, Feldman JF, Van Rossem R, Paneth N, Susser M. Neonatal hypothyroxinemia in infants \leq 2000 Gms and neurodevelopment at age 6 years. Presented at the Society for Pediatric Epidemiologic Research, Boston, MA, June 1996. (Abstract: Paed Perinat Epidemiology 1996;10:A50-51).
4. Clark CJG, Paneth N: Discrepancies between pre- and postnatal assessments of gestational age: are there prognostic implications? . Presented at the Society for Pediatric Epidemiologic Research, Boston, MA, June 1996. (Abstract: Paed Perinat Epidemiology 1996;10:A26).
5. Pinto-Martin JA, Cnaan A, Zhao H, Paneth N. Short pregnancy interval as a risk for cerebral palsy in a low birthweight population. Presented at the Society for Pediatric Epidemiologic Research, Boston, MA, June 1996. (Abstract: Paed Perinat Epidemiology 1996;10:A49).
6. Paneth N. Early nutritional origins of vascular disease: A hypothesis still lacking support. Presented at the 16th Scientific Meeting of the International Society of Hypertension, June 1996; Glasgow, Scotland. (Abstract: Jnl of Hypertension, Vol 14, 1996. Supplement S5.)

1997

7. Murphy K, Reuss ML, Leviton A, Paneth N, Susser M. Non-receipt of antenatal corticosteroids among ≤ 1500 gm infants. Presented at Society of Perinatal Obstetricians, Anaheim, CA, January 1997. (Abstract: Am J Obstet Gynec 1997; 176:S49.)
8. Coronado M, Gravel J, Efenbein J, Lenski M, Jetton J, Pinto-Martin J, Paneth N. Are maternal reports reliable measures of hearing loss at age two? Society for Paediatric Epidemiological Research. Edmonton, Canada, 1997; (Abstract: Paed Perinatal Epidemiol 1997;11:A11).
9. Bishai S, Saigal S, Rosenbaum P, Broyles, Paneth N. Level of inter-rater agreement is the diagnosis of disabling and non-disabling cerebral palsy. Presented at the Society for Pediatric Epidemiological Research, Edmonton, Canada, June 1997. (Abstract: Paed Perinatal Epidemiol 1997; 11: A9).
10. Paneth N: Invited lecturer, Debrecen School of Medicine, Debrecen, Hungary, June 1997.
11. Paneth N: New developments in the epidemiology of cerebral palsy, Thames Health Authority, London, England, October 1997.
12. Paneth N: Keynote speaker, Israeli Neonatal Society, Tel-Aviv, Israel, December 1997.

1998

13. Paneth N: What's new in the epidemiology of cerebral palsy? and Transient hypothyroxinemia: A new risk factor for cerebral palsy? Rainbow Childrens Hospital, Cleveland, February 1998
14. Collins M, Paneth N, Lorenz J: Early base deficit, hypocarbia and risk of brain lesions and cerebral palsy in low birthweight infants. Society for Pediatric Research, New Orleans, LA, May 1998.
15. Paneth N: Follow-up of low birthweight infants: historical and contemporary perspectives. The inaugural neonatal symposium honoring Dr. Lawrence M. Gartner for his contributions to pediatrics. University of Chicago Children's Hospital, June 3, 1998.
16. Eaglin MA, Paneth N, Harlow S. Familial history of neurological disorders and premature births in relation to risk of cerebral palsy at age two in low birthweight infants. Society for Epidemiologic Research and the Society for Pediatric and Perinatal Epidemiologic Research, Chicago, June 1998. (Abstract: Paed Perinatal Epidemiol 1998; A11-12).
17. Pinto-Martin JA, Feldman JF, Whitaker AH, Paneth NS: Cognitive and motor performance at 2,6 and 9 years in non-disabled low-birthweight children: relation to neonatal cranial ultrasound abnormalities and other early risk factors. Society for Pediatric and Perinatal Epidemiologic Research, Chicago, June 1998. (Abstract: Paed Perinatal Epidemiol 1997; A28).
18. He JP, Stein AD, Getts D, Humphrey HEB, Paneth N, Courval JM: Changes in sport-caught Great lakes fish consumption and changes in serum levels of DDT, DDE and PBB in Michigan anglers, 1980-91. International Society for Environmental Epidemiology, Boston, August, 1998.
19. He JP, Stein AD, Getts D, Humphrey HEB, Paneth N, Courval JM: Time trends in sport-caught Great lakes fish consumption and serum PCB. To be presented at the International Society for Environmental Epidemiology, Boston, August, 1998.
20. Paneth N, Bishai S, Saigal S, Rosenbaum P, den Ouden AL, Jetton J, Lenski M: Frequency of cerebral palsy and its diagnostic reliability in several large cohorts. International Congress of Paediatrics, Amsterdam, Holland, August 1998
21. Saigal S, Hoult L, Streiner D, Paneth N, den Ouden AL, Wolke D, Harrison D: School-age outcomes of extremely low birthweight infants from four international population-based cohorts. International Congress of Paediatrics, Amsterdam, Holland, August 1998
22. Den Ouden AL, Sigmond-de-Bruin E, Verrips E, Hoult L, Saigal S, Wolke DFH, Paneth N: Behavior in very or extremely low birth weight infants: is outcome different in different countries? International Congress of Paediatrics, Amsterdam, Holland, August 1998
23. Verrips E, den Ouden L, Verloove-Vanhorick P, Paneth N: Health Utilities in a Dutch cohort of VLBW infants. International Congress of Paediatrics, Amsterdam, Holland, August 1998.
24. Paneth N: The Epidemiology of Cerebral Palsy. Childrens Hospital of Cincinnati, November, 1998
25. Samms-Vaughan ME, Coronado M, Trotman H, Jackson M, Paneth N: Neuro-developmental outcome of Jamaican low birthweight infants. 7th annual University of West Indies Research Conference, Kingston, Jamaica, November 1998.

1999

26. Paneth N: The Necessity for Clinical Research. Cicely Williams Lecture, Jamaican Paediatric Society, Kingston, Jamaica, March 1999.
27. Lorenz JL, Paneth N: Aggressive v Expectant Care of the Extremely Premature Newborn Society for Pediatric Research, San Francisco, May 1999. (Abstract Ped Research 1999;)
28. Pinto-Martin JA, Cnaan A, Zhao H, Paneth N: Neonatal brain damage and cognitive outcome at age nine in a low birthweight cohort. Society for Pediatric and Perinatal Epidemiologic Research, Baltimore, June 1999. (Abstract: Paed Perinatal Epidemiol 1999;).
29. Jetton JR, Paneth N: The relationship between chronic lung disease and parenchymal lesions in the development of disabling cerebral palsy. Society for Pediatric and Perinatal Epidemiologic Research, Baltimore, June 1999. (Abstract: Paed Perinatal Epidemiol 1999;)

2000

30. National Longitudinal Child Health Study – 1st planning meeting. Invited commentator on strategy. Director's Office, Department of Health and Human Services. Washington, DC. Jan 12, 2000.
31. Physicians as scientists – the exciting world of clinical research. Spectrum Medical Research Conference. Tortola, British Virgin Islands, Feb 3, 2000
32. The epidemiology of cerebral palsy. Allergan/United Cerebral Palsy meeting on therapeutic options in cerebral palsy. Phoenix, AZ, Feb 28, 2000
33. Public health and biomedical research – what is the connection? First Annual Dean's Invited Lecture, New York Medical College, March 2, 2000.
34. Thyroid deficiency and brain damage in premature infants. Division of Neonatology, New York Medical College, March 3, 2000.
35. Clinical research in the community – the new biomedical frontier. Grand Rapids Research Day, March 18, 2000.
36. Jetton JR, Lorenz JL, Paneth N: Chronic lung disease is independently associated with cerebral palsy. Society for Pediatric Research, Boston, May 13. (Abstract: Pediatric Research 2000;47:314A).
37. Biomedical research and public health. Summer Program in Epidemiology Invited Lecture, University of Michigan School of Public Health, June 12, 2000.
38. Centers for Disease Control Child Health Study planning meeting. Invited commentator on review of longitudinal studies in children. Washington, DC September 19, 2000.
39. The consequences of birth asphyxia. Annual Neonatology Update. University of Michigan division of neonatology, November 10, 2000.
40. National Longitudinal Child Health Study – 2nd planning meeting. Invited lecture on design and methods for the longitudinal study. Washington, DC. December 12, 2000.

2001

41. Folate, sleep position and other cheap thrills: the triumph of low technology in child health. Society for Pediatric Research invited plenary speaker, June 2001. Also presented at the Department of Pediatrics, McMaster University, Hamilton, ONT, Canada, June 2001

2002

42. Understanding mode of transmission of diseases is the essential goal of epidemiology. Columbia University Colloquium in Epidemiology, March 2002
43. How can we improve neurodevelopmental outcomes in premature babies? Invited plenary address. 35th annual meeting of the Wisconsin Association for Perinatal Care. Oconomowoc, WI, April 2002.
44. What we know and what we don't know about prematurity prevention. 35th annual meeting of the Wisconsin Association for Perinatal Care. Oconomowoc, WI, April 2002.
45. Invited lecture. Birth asphyxia and subsequent development. Middlesborough Symposium on Birth Asphyxia. Middlesborough, England, June 2002.
46. Neurodevelopmental disabilities: conceptual issues and recent progress. Society for Epidemiologic Research, Palm Desert, CA, June 2002.

47. Varma S, Whitaker A, Feldman J, McNicholas F, Pinto-Martin J, Paneth N: Gender and maternal smoking during pregnancy: relation to psychopathology in low birthweight survivors. *Am Acad Child Psych*, San Francisco, November, 2002

2003

48. A population perspective on neonatal brain hemorrhage. Childrens Memorial Hospital –Northwestern University School of Medicine. April 2003
49. What can modern epidemiologists learn from John Snow? John Cassel lecture. University of North Carolina School of Public Health. September 2003.
50. Neurodevelopment and Neuroprotection: the role of thyroid hormone. Invited plenary address, 25th anniversary of National Perinatal Epidemiology Unit, Oxford, UK, October 2003. Also given, in somewhat expanded form, at UMDNJ-Robert Wood Johnson Medical School, October 2003
51. Challenges at an Academic Health Center – with a special emphasis on research. Pfizer pharmaceuticals. Tarrytown, NY, October 2003.

2004

52. Wirth J, Potter RC, Puschek E, McQueeney J, Paneth N, Diamond MP: Study design to assess effects of organochlorines on male infertility. Society for Pediatric Epidemiologic Research, Salt Lake City, Utah, June 2004.
53. Moderator, Symposium on Life Course Epidemiology. Society for Epidemiologic Research. Salt Lake City, Utah, June 2004.
54. John Snow and Epidemiology Today. First John Snow Lecture, Society for Epidemiologic Research, Salt Lake City, Utah, June 2004.

2005

55. Epidemiologic Principles in Designing, Executing and Analyzing Newborn Follow up studies. Pediatric Academic Society Mini-Course, Washington, DC, May 2005
56. Rebel or Reactionary? John Snow and Public Health Reformers. Alfred Evans Lecture, University of Michigan Department of Epidemiology, July 2005
57. The Two Faces of Perinatal Epidemiology. Special plenary lecture, NIH-CIHR Course in Reproductive and Perinatal epidemiology. Cape Cod, MA, July 2005
58. Joseph A, Punch J, Stephenson M, Wolfe E, Paneth, N, Murphy W: The Effects of Training Format on Earplug Performance. Association of Medical Corps Officers of the Navy. Nashville TN, November, 2005
59. New Developments in Cerebral Palsy Epidemiology. Diana Woo Memorial Lecture, University of Chicago, October, 2005
60. The Barker Hypothesis Revisited: Fetal Origins or Maternal Origins? Hot Topics in Neonatology Symposium, Washington, DC, December 2005.

2006

61. Cerebral Palsy Research. United Cerebral Palsy Association Meeting, Little Rock, AK, April 2006
62. An Epidemiologic Perspective on the National Children’s Study. Society for Epidemiologic Research, Seattle, WA, June 2006
63. Cerebral Palsy Research. North American Conductor and Program Administrator Workshop. Grand Rapids, MI, August 2006.
64. The Training Program in Perinatal Epidemiology at Michigan State University. Harvard School of Public Health, Cambridge, MA, September 2006
65. The Origins of Cerebral Palsy. Pediatric Grand Rounds, University of Michigan, Ann Arbor, October 2006
66. The Maternal Origins Hypothesis. 22nd International Symposium on Neonatal Intensive Care, Milan, Italy, October, 2006
67. International Differences in Neonatal Care and their Effects. 30th International Conference of the Division of Neonatology, University of Miami, Miami, FL, November, 2006
68. Discoveries Emerging From Three Large Cohort Studies of Prematures. 30th International Conference of the Division of Neonatology, University of Miami, Miami, FL, November, 2006

69. Historical Trends in Neonatal Outcomes: An Overview of the 20th Century. Vermont Oxford Neonatal Network Annual Meeting, Washington, DC, December 2006

2007

70. The Origins of Cerebral Palsy. Pediatric Grand Rounds, Sparrow Hospital, Lansing, February 2007
71. The Origins of Cerebral Palsy. Pediatric Grand Rounds, William Beaumont Hospital, Royal Oak, MI, February 2007.
72. Bauer PW, Pivarnik JM, Feltz DL, Paneth N, Womack CJ: Effects of Gestational Weight Gain and Physical Activity on Postpregnancy Weight Gain and Body Composition. American College of Sports Medicine, Indianapolis, June 2007.
73. Hong T SPER Boston, MA June 2007
74. Nechuta S, Skorokhod V, Mudd LM, Elliott MR, Lepkowski JM, Paneth N for the Michigan Alliance for the National Children's Study: Attitudes of pregnant women to participation in research during pregnancy. SPER Boston, MA June 2007 2008
75. Mudd LM, Skorokhod V, Nechuta S, Elliott MR, Lepkowski JM, Paneth N for the Michigan Alliance for the National Children's Study: Prenatal care and delivery room staff attitudes towards research and the National Children's Study, SPER Boston, June 2007
76. The Maternal Origins Hypothesis. 48th annual meeting of the European Society for Pediatric Research, Prague, Czech Republic, October, 2007.

2008

77. Paneth N. New themes and new approaches in investigating the causes of CP. 18th Annual Pediatric Neurology Update and Festschrift for Karin B. Nelson. March 6, 2008. NIH, Bethesda, MD.
78. Paneth N. The Etiology of CP. Michigan CP Conference, Ann Arbor, March 13, 2008
79. Paneth N. The Michigan Alliance for the National Children's Study. Michigan Epidemiology Conference. East Lansing, April 4, 2008
80. Paneth N: The Epidemiology of Long-term Outcomes in CP. Conference on Aging in CP in honor of Arnold Werner, MD. East Lansing, May 12, 2008
81. Paneth N: Mortality, morbidity and long-term outcomes of preterm birth. Invited State of the Science Talk. Surgeon General's conference on the prevention of preterm birth. Bethesda, June 16, 2008.
82. Mudd LM, Pivarnik JM, Paneth N: Women's perceptions of physical activity safety during pregnancy. SPER, Chicago, June 2008
83. Siddiqi N, Paneth N, Karna P: Does uncomplicated germinal matrix or intraventricular hemorrhage lower cognitive function in premature infants? SPER, Chicago, June 2008.
84. Paneth N: The adults with cerebral palsy. What do we know? What do we need to know? AACPD, Atlanta, GA, September 2008.
85. Paneth N: The National Children's Study: Big Science comes to Pediatrics. Grand Rounds, Department of Pediatrics, Robert Wood Johnson – UMDNJ Medical School, New Brunswick, NJ, November 2008.

2009

86. Paneth N: The National Children's Study (February – May, 2009) Michigan Department of Community Health; MSU College of Nursing; Annual meeting of the Perinatal Society of Michigan; University of Wisconsin, Madison; Medical College of Milwaukee; New York Perinatal Society,
87. Paneth N: The Causes of Cerebral Palsy. Waisman Center, University of Wisconsin, Madison, April 2009.

2010

88. Paneth N: New approaches to Cerebral Palsy. Van Andel Research Institute (Koo Lecturer), Grand Rapids, MI, January 2010.
89. Paneth N, Kort E: Epidemiology as a Career. Biology Department, Calvin College, Grand Rapids, MI, Feb, 2010.
90. Paneth N: National Children's Study Update. Keynote Address, 2010 Michigan Epidemiology Conference, East Lansing, MI, March, 2010.
91. Paneth N: The National Children's Study. Michigan Society for Developmental Disabilities. East Lansing, MI, April 2010.

92. Paneth N: The National Children's Study. Michigan Society for Research Administration, East Lansing, MI, July 2010.
93. Paneth N: The need for evaluation in Cerebral Palsy therapy. European Academy of Childhood Disabilities. Brussels, Belgium (Castang Lecturer). May, 2010.
94. Paneth N: New approaches to CP Research. West Michigan Neurology Society, Grand Rapids, MI, October 2010.

2011

95. Paneth N: The Causes of Cerebral Palsy. Northern Michigan University, Marquette, MI, February, 2010
96. Paneth N: The National Children's Study. DC Children's Hospital, Washington, DC (Einhorn Lecturer)
97. Paneth N: New Molecular Approaches to the Etiology of Cerebral Palsy. University of Medicine and Dentistry of NJ, New Brunswick, NJ, May, 2011.
98. Ho NT, Fu W, Furge K, Dykema K, Busik J, Khoo SK, Haak PT, Resau J, Lenski M, VanderBeek S, Paneth N: Messenger RNA (mRNA) expression in archived newborn blood spots of children with and without cerebral palsy. Society for Pediatric and Perinatal Epidemiologic Research, Montreal, Que, CA, June 2011.
99. Paneth N: New Molecular Approaches to the Etiology of Cerebral Palsy. Pediatrics Grand Rounds, Department of Pediatrics, NYU School of Medicine, October 2011.
100. Paneth N: New Molecular Approaches to the Etiology of Cerebral Palsy. Department of Epidemiology, Columbia University, November, 2011

2012

101. Kerver J, Paneth N: The National Children's Study is coming to Grand Traverse County, MI... but when? Traverse City community group, January, 2012.
102. Paneth N: The National Children's Study Needs to Have Hypotheses. NCS Investigators' meeting, Bethesda, MD Feb 2012
103. Paneth N: New Molecular Findings in the Etiology of Cerebral Palsy. Plenary speaker, Gait & Clinical Movement Analysis Society, Grand Rapids, MI, May 2012.
104. What clues can we extract from observational studies in prematures and from CP prevention trials to guide analysis of MOBAND data? University of Bergen, Bergen Norway, May 2012.
105. Paneth N: The Central NJ Neonatal Brain Hemorrhage Study. What have we learned since 1984? NeoForum 2012, Morristown, NJ., June 2012
106. Paneth N: Using Gene Expression in archived newborn blood spots to identify antecedents of neurodevelopmental disabilities. Institute for Environmental Health, Wayne State University, October, 2012

2013

107. Paneth N: Using gene expression in archived newborn blood spots to identify antecedents of CP. Cerebral Palsy Research: On the Cutting Edge - CP Research Consortium of Michigan 3rd Biennial Conference. Wayne State University, January 2013
108. Paneth N: What's new in Place of Birth since 1982? IOM workshop on Place of Birth, Washington, DC, January 2013.
109. Paneth N: The transcriptome in epidemiologic investigation: an illustration from a case-control study of cerebral palsy. American Epidemiological Society, East Lansing, MI, March 2013
110. Paneth N: Modes of Communication: The central focus of Epidemiology? American Epidemiological Society, East Lansing, MI, March 2013
111. Paneth N: The Singular Science of John Snow. Plenary address. London School of Hygiene & Tropical Medicine, John Snow Bicentenary Conference, April 2013.
112. Paneth N: Experiments on gene expression in newborn blood spots. BLEEP conference, University of Michigan, Ann Arbor, Oct 2013
113. Paneth N: Transient hypothyroxinemia - to treat or not to treat? Invited lecture, American Academy of Pediatrics, Orlando, FL, October, 2013.
114. Paneth N: The Importance of Early Childhood Development to Nation Building. Guest Lecture at the 10th anniversary of the Jamaican Early Childhood Commission. Kingston, Jamaica, November, 2013

115. Paneth N: Combined Outcomes in Perinatal Randomized Trials: Is it a good idea? Symposium on randomized trials, Wayne State University-NICHD Perinatal Research Branch, December, 2013

2014

116. Paneth N: Using the Transcriptome to Investigate the Etiology of Cerebral Palsy and other Neurodevelopmental Disorders. National Institute of Public Health, Oslo, Norway, February, 2014.
117. Paneth N: Combined Outcomes in Prevention Trials: Rarely a good idea. American Epidemiological Association, Rutgers University, March 2014.
118. Paneth N: Factors to consider in studying the purported fetal origins of disease. Symposium on the premature as adult. Pediatric Academic Societies. Vancouver, BC, May 2014.
119. Paneth N: Using the Transcriptome to Investigate the Etiology of Cerebral Palsy and other Neurodevelopmental Disorders. Michigan Society of Neonatology, Howell, MI, September, 2014

2015

120. Paneth N: Why John Snow still matters to modern epidemiology. Departmental Seminar, Department of Epidemiology, University of Michigan, January 2015.
121. Paneth N: Insights from the newborn transcriptome into later neurodevelopment Robert Wood Johnson Medical School, New Brunswick, NJ, March 2015.
122. Paneth N: Epidemiology and Biostatistics in fetal origins research. NIH conference on Adult disorders of the preterm infant. Bethesda, MD, August, 2015.
123. Paneth N: The Composite Outcome Dilemma in Newborn Medicine. Society for Evidence-Based Neonatology, Philadelphia, September, 2015
124. Paneth N: Gene expression in newborn blood spots and risk of CP. Society for Evidence-Based Neonatology, Philadelphia, September, 2015

2016

125. Paneth N: The Epidemiology and Preventability of CP. University of Wyoming College of Health Sciences Research Day, April 2016.

2017

126. Paneth N: Population-based research into pregnancy health and the antecedents of childhood disorders: the ECHO program in Michigan. MSU Department of Pediatrics and Human Development Research Rounds, March 1, 2016 and Sparrow Hospital, Lansing, MI Pediatric Grand Rounds, March 2, 2016.
127. Seaton T, Mehta S, Luo Z, Paneth N, Kerver JM: Pregnancy-related weight and offspring BMI at 3-6 years in the ARCH cohort, Lansing MI. Society for Pediatric and Perinatal Epidemiologic Research, Seattle WA, June 2017
128. Kerver JM, Pearce E, Ma T-F, Zdanukiewicz M, Paneth N: Urinary Iodine Nutrition in Pregnancy in a US Population. Society for Pediatric and Perinatal Epidemiologic Research, Seattle WA, June 2017
129. Kerver J, Pearce E, Ma T-F, Zdanukiewicz M, Paneth N: Urinary Iodine Nutrition in Pregnancy in a US Population. Society for Pediatric and Perinatal Epidemiologic Research, J Seattle, WA, June 2017
130. Seaton T, Kerver J, Luo Z, Paneth N, Mehta S: Pregnancy-related weight and offspring BMI at 3-6 years in the ARCH cohort, Lansing MI. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 2017
131. Paneth N: Beyond Cerebral Palsy: What Other Health Risks Do Premature Survivors have to Deal With? Michigan Society of Neonatologists, East Lansing, MI, September, 2017.
132. Paneth N: Population-Based Research into Pregnancy Health and the Antecedents of Childhood Disorders: The ECHO Program in Michigan. Department of Epidemiology, University of Michigan, Ann Arbor, MI, October, 2017.
133. Paneth N: Approaches to Investigating the Etiology of Childhood Disorders With Roots in Pregnancy and the Perinatal Period. Visiting Professor, Division of Research, Kaiser-Permanente of Northern California, Oakland CA, December 2017.

2018

134. Paneth N: Planning a Fundable Research Application to NIH: MSU RAIND Quarterly Meeting, East Lansing, MI, January, 2018.
135. Paneth N: The Potential Contribution of MOBAND to the Epidemiology of Cerebral Palsy. NIEHS, Durham, NC, March 2018.
136. Paneth N: The Potential Contribution of MOBAND to the Epidemiology of Cerebral Palsy. 6th Michigan Statewide Cerebral Palsy Conference, East Lansing, MI, April, 2018
137. Paneth N: Linking Pregnancy Surveillance for Public Health to Studying the Prenatal Origins of Pediatric Disorders. Magee-Womens Research Institute Reproductive Biology Summit. Pittsburgh, PA, October 2018.

2019

138. Paneth N: Preterm Birth and Adult Non-developmental Outcomes. SHIPS/EPIC Meeting. Rome, Italy, January, 2019
139. Paneth N: The Very Premature Infant as an Adult. Pediatric Grand Rounds, Yale University School of Medicine, New Haven, CN, March, 2019.
140. Kerver J.....Society for Pediatric and Perinatal Epidemiology, Minneapolis, MN, June 2019
141. Elliott M..... Society for Pediatric and Perinatal Epidemiology, Minneapolis, MN, June 2019
142. Moderator, panel on Perinatal and Pediatric Epidemiology, Society for Epidemiologic Research, Minneapolis, MN, June 2019
143. Theme moderator, DOCTRID 6 Conference on Transitions across the life span for people with developmental disabilities, Galway, Ireland, September 2019
144. Invited Guest Speaker, Research symposium honoring Allen Wilcox, Durham, NC, October 2019
145. Invited Participant, Boroughs-Wellcome “Pregnancy Think Tank”, Research Triangle Park, NC, November 2019.

TEACHING**CLINICAL SUPERVISION AND TEACHING (House-officers and medical students in pediatrics)**

Emergency room and outpatient clinic supervisor, Babies Hospital, 1978-1988 (1-2 ½ day sessions per week); Michigan State University Clinical Center, 1990-1.

Hospital attending, Bronx Municipal Hospital 1977-1978; Babies Hospital and Harlem Hospital, 1979-1988 (two months per year). Sparrow Hospital, Lansing, 1992-1993 (one month per year).

COURSES**Graduate Students in Public Health, Columbia University**

Introductory Epidemiology (lecturer and seminar leader) 1978-1982
Perinatal Epidemiology, 1981-1988

Graduate Students in Epidemiology, Michigan State University

Introductory Epidemiology, 1994-2004, 2010 - present
Reproductive and Perinatal Epidemiology, 1995-1997
Perinatal Epidemiology, 1999 – present
Research Proposal Development, 2004-present

Graduate Summer Session in Epidemiology, University of Michigan

Concepts in Reproductive Epidemiology, 1995, 1996

Medical Students

Epidemiology Elective Albert Einstein College of Medicine, 1977
 Epidemiology Course, Columbia University College of Physicians and Surgeons
 Seminar Leader, 1977-1988; Course Director, 1983-1988

Epidemiology Section, Pathology Course, University of Pennsylvania
 School of Medicine, Seminar Leader, 1984-1987

Clinical Epidemiology/Analytic Medicine, Michigan State University, College of Human Medicine, Course Co-Director, 1991- 1993; seminar leader, 1991 – 2005; 2019

Physicians and other Health Personnel

Designing Clinical Research, MSU Lifelong Education, (Grand Rapids, Spring 1991; Lansing, Winter 1992).
 Short Course in Clinical Epidemiology (joint with Jack Sinclair MD) Southern Society for Pediatric Research (New Orleans, 1992, 1993).

THESIS SUPERVISION (ALL IN EPIDEMIOLOGY UNLESS NOTED)**DOCTORAL COMMITTEE CHAIR**

1985	Michele Marcus	Columbia University
2008	Ting Hong	Michigan State University
2009	Crystal Pirtle	“
2012	Steven Korzeniewski	“
2013	Ali Artaman, Nhan Thi Ho	“
2016	Abdul Wajid,	
2017	Mallory Doan Davis	“
in progress	Peterson Haak,	“
	Katie Thornton, Diana Haggerty	“
	Alicynne Glazier	“

DOCTORAL COMMITTEE PARTICIPATION**Epidemiology**

1984	John Kiely	Columbia University
1985	Nancy Sloan	“
1986	Nicholas Freudenberg	“
1990	Sten Vermund	“
1989	Susan Barkan	Yale University
1996	Claudia Holzman	University of Michigan
2009	Sarah Nechuta	Michigan State University
2009	Lanay Mudd	“
2016	Tanja Knudsen	Visiting PhD student from University of Copenhagen for two months.
2019	Karmila Ariesti	Michigan State University

Other disciplines (All at MSU)

2002	Swee Tan (Kinesiology)
2004	Anthony Joseph (Audiology)
2005	Patricia Sawyer (Kinesiology)
2007	Shallimar Jones (Psychology)
2017	
In progress	Cyril Govender (Audiology)
	Todd Buckingham (Kinesiology)
	Michelle Conway (Kinesiology)
	David Hemmings (Kinesiology)

MASTERS COMMITTEE CHAIR

1982	Patricia Arsenault	Columbia University
1983	Paul Henneberger, Michele Marcus	“
	Diane McLean	“
1988	Cynthia Dickinson	“
1999	Daniel Harrison	Michigan State University
2000	Shariff Bishai, Maria Coronado,	“
	Gene Tay, Hong Qiu	“
2001	Eric Kort, Sung Lee, Julia Wirth	“
2002	Vincent Palusci, Deborah Wagenaar“	
2004	Ting Hong, Andrew Mullard,	“
	James Pivarnik	“
2005	Steven Korzienenwski	“
2006	Jun Tsui Fan, Ali Artaman	“
2008	Bridget Protas, Nick Olomu	“
2011	Mallory Doan	“
2013	Lynette Biery	“
2015	Abdul Wajid	“
2016	Laura Mark	
in progress	Said Omar, Peterson Haak,	“
	Edward Jados	

MASTERS COMMITTEE PARTICIPATION (All at MSU)

1997	Fawzia Ahmed, Michael Collins	“
1998	Jianping He	“
1999	Steven Dosh, Janet Osuch, Sana Shakour	“
2000	Lucy Karanja	“
2001	David Weismantel	“
2006	Nira Hadar	“
2009	Jean Kerver	“
2016	Diana Haggerty	“
2017	Taylor Seaton	“
2019	Andrea Sosamorenno	“

POST-DOCTORAL MENTORING (T32 perinatal fellows working directly with me unless specified)

2005-7 Jean Kerver PhD
 2006-2008 Eric Kort MD, Nazish Siddiqi MB BCh
 2006-2008 Brian Mavis, PhD (*MSU faculty member; assigned mentee*)
 2006-2013 Ali Artaman MD (*supported by grants from NIH and BCBS of MI*)
 2007-2009 Yona Cloonan PhD, Nicole Talge PhD
 2008-2013 Steven Obaro MD (*MSU faculty member; assigned mentee*)
 2008-2010 Renee Mijal PhD, Rob Payne MD
 Mary Jo Cooley Hidecker PhD (*F31 individual post-doctoral fellowship from NIDCD*)
 2009-2012 Nhan Ho MD (*Vietnam Education Foundation Fellow*)
 2010-2012 Mary Grzybowski RN, PhD; Tammy Movsas MD, MPH
 2010-2016 Abdul Wajid MD (*Fulbright Scholar*)
 2011-2013 Jaimie Slaughter, PhD, Jamuna Manandhar MD
 2012-2014 Qing Li MD, Dr. PH
 2012 - Katie Thornton DDS, MPH,