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Education

1989: PhD, Physical Anthropology, Pennsylvania State University
1980: MA, Anthropology, Pennsylvania State University
1977: BS, Biology/BS Anthropology, Florida State University

Professional Employment

2020-: Professor and Leader, Modifiable Autism Risk Factors Research Program, AJ Drexel Autism Institute, Drexel University, Philadelphia, PA, USA.
2017-: Adjunct Professor, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, USA.
2013-: Professor MSO, Aarhus University, dual position: Department of Public Health, Institute of Epidemiology and Social Medicine and Department of Economics and Business, National Centre for Register-based Research, Lundbeck Foundation Initiative for Integrative Psychiatric Research.
1993-2013: Centers for Disease Control and Prevention (CDC), Developmental Disabilities Branch, USA. Multiple positions; 2006-2013: Research Health Scientist, Team Lead (GS15);
2000-2006: Lead Health Scientist (GS14); 1997-2000: Acting Chief, Analytic Studies Section (GS14); 1993-1997: Epidemiologist (GS13).
1991-1992: Massachusetts Health Research Institute, Woburn Environment and Birth Study, Senior Epidemiologist.
1988-1990: Tufts University, Department of Sociology and Anthropology, Assistant Professor/Lecturer.

Professional Distinctions

Awards

2012: CDC - Nominee - Charles C. Shepard Science Award.
2011: CDC - Nominee - Charles C. Shepard Science Award.
2011: Recognized by Autism Speaks for exceptional research achievements.
2010: CDC and ATSDR Honor Award 2009- Maternal Health Team-'Excellence in Emergency Response'.
2009: Nominee, Outstanding Supervisor, Autism and Developmental Disabilities Monitoring Cerebral Palsy Network Team, 36th Annual Federal Employee of the Year Awards.
2005: Secretary of Health and Human Services' Award for Distinguished Service-Autism Public Health Response Team.
2002: CDC and ATSDR Group Honor Award-Research Operational-Autism Public Health Response Team.
1997: Physicians Committee for Responsible Medicine - Research Innovation Award.
1997: CDC and ATSDR Honor Award - Research - Epidemiology and Laboratory.
1997: CDC - Charles C. Shepard Science Award.
1996: CDC - NCEH Director's Award.

Committee/workgroup memberships

2019-2020: Member, Program Committee for the International Society for Autism Research (INSAR), Annual Meeting 2020 and 2021.
2019: Member, Expert Panel for the Qualitative Evaluation of completed ERC-funded projects, invitation from the European Research Council, Scientific Council. 2015-2016: Topic Review Co-Chair, Epidemiology category, 2016 International Meeting for Autism Research.
2013-2016: Member, Mothers and Babies in Norway and Denmark (MOBAND). 2011-: Member. Environmental Epidemiology in Autism Research Network organized by Autism Speaks and the National Institute of Environmental Health. Serve as external advisor on Network activities and initiatives.
2010-2014: Member, Task Force on Neonatal Encephalopathy and Cerebral Palsy formed by the American College of Obstetricians and Gynecologists charged with revision of the 2003 report entitled Neonatal Encephalopathy and Neurodevelopment.
2010-: Member, Scientific Advisory Committee for the initiative, Evaluation of the immune and physiologic response in children with autism following immune challenge, formed by a partnership between Autism Speaks and the MIND Institute.

2010-: International Society for Autism Research – International Meeting for Autism Research Diversity Committee member.

2009-2016: Scientific Advisory Board Member – Global Autism Public Health Ireland (GAPH-Ireland). GAPH-Ireland was formed by a partnership between Autism Speaks and Irish Autism Action. The GAPH-Ireland initiative is intended to assist IAA in their new focus on autism surveillance, research and training.

2009-2010: Member, Expert Advisory Panel for the Heinz Endowment in order to review and make recommendations regarding a study of the risk factors for childhood autism.

2008-2010: European Network for Surveillance of Risk Factors of Neurodevelopmental Disorders: Invited collaborator on multi-site EU effort to develop and improve mechanisms for compiling risk factor and biomarker data for multi-site analytic epidemiologic studies of neurodevelopmental disorders.

2007: Autism and Other Pervasive Developmental Disorders Conference Workgroup: invited participant and presenter to assess the status of the current research base and to identify short- and long-term research questions and opportunities that will enhance future revisions of the Diagnostic and Statistical Manual of Mental Disorders and the International Classifications of Diseases, Mental and Behavioral Disorders section. Convened under the auspices of the American Psychiatric Association (APA), the World Health Organization WHO, and the National Institutes of Health (NIH) with supplemental funding from the University of California Davis' Medical Investigation of Neurodevelopmental Disorders (M.I.N.D.) Institute.

2006-2009: European Autism Information System (EU-funded)

- o September 2008: Invited consultant for planning of EAIS renewal, Cork, Ireland.
- o October 2007: Invited speaker at Launch Event of the European Autism Alliance, Brussels.

2005-2009: Co-organizer for AS-CDC International Autism Epidemiology Network (IAEN), Chair - Registry workgroup;

2005-2007: NIMH Autism Phenome Workgroup; member of science advisory group for the Collaborative Autism Phenome Project.

2005-2008: Epidemiology Subcommittee member of Scientific Advisory Board - Autism Speaks.

2004: Core Member: Pregnancy and the Infant Working Group.

Research Leadership

2018: PI, Sofiefonden, Services and support for autistic adults in Denmark. The study goal was to prepare a report of Denmark-specific results in the ASDEU on-line survey or autistic adult services in the EU.

2017-: Joint PI, NIH RO1 ES026993, Pollution and Neurodevelopment in Denmark (PANDa). Air pollution risk for Autism and ADHD - cross-disorder insights and genetic liability.

2015-2018: Lead, Adults Treatment and Care Work Package, Autism Spectrum Disorders in the European Union, European Union DG SANCO, begins Feb 2015, 20 partners at 14 EU study sites, 36 months' contract.

2015: PI, International Network Programme framework grant from Danish Agency for Science, technology and Innovation. For: Research Partnership in Mental Disorders between Aarhus University and Johns Hopkins University, USA: Psychiatric Epidemiology and Genetics Research Exchange (PEDIGREE).

2012-: Co-Director, Scientific and Analytic Oversight Committee, NIH Autism Center of Excellence. Multigenerational Familial and Environmental Risk for Autism (MINERVA) Network.

2003-2013: CDC, Principal Investigator (PI), Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE). Multi-site collaborative research network.

2003-2012_ CDC, PI, Study to Explore Early Development (SEED), CDC site. Multi-site case-control study of etiologic risk factors for autism.

2009-2013: PI, International Collaboration for Autism Registry Epidemiology (iCARE). Multinational, 8-site research consortium funded by Autism Speaks.

2002-2009: CDC, Science Lead: Collaborative Public Health Research Program in Denmark.

2000-2004: Project Officer, The Cost of Developmental Disabilities. Carried out under a contract with Research Triangle Institute.

1997-2000: Principal Investigator (PI), The Metropolitan Atlanta Developmental Disabilities Surveillance Program Early Identification of Children with Cerebral Palsy, CDC.

1996-2000: Co-Investigator, Infant Development Study. A CDC intramural case-control study of the protective effects of magnesium sulfate exposure in pregnancy on cerebral palsy in low birth weight children.

1993-1996: Project Officer, Surveillance of FAS in Pre-school Aged Children. Carried out under an ASPH-CDC cooperative Agreement with Emory University.

Peer Review

Professional journals: New England Journal of Medicine, JAMA, British Medical Journal, JAMA Psychiatry, JAMA Pediatrics, Lancet, Pediatrics, Biological Psychiatry, Molecular Psychiatry, American Journal of Epidemiology, American Journal of Public Health, Archives of General Psychiatry, British Journal of Psychiatry, International Journal of Epidemiology, Teratology, Journal for Autism and Developmental Disabilities, Reproductive Toxicology, Journal of Maternal-Fetal & Neonatal Medicine, Journal of Pediatrics, American Journal of Obstetrics and Gynecology, American Journal of Perinatology, PlosOne, Obstetrics and Gynecology, Brain, Behavior and Immunity, Molecular Autism, Journal of Neuroinflammation, Society for Maternal Fetal Medicine, Wisconsin Medical Journal, Pediatric and Perinatal Epidemiology, Autism, Autism Research, Chronic Diseases in Canada, Early Human Development.

Grant applications: Autism Speaks/Environmental Epidemiology in Autism Research Network; Medical Research Council (UK), Neurosciences and Mental Health Board Applications; Faroese Islands Research Council; Autism Speaks-UK; Autism Science Foundation; National Institute of Mental Health (R01, R21 applications).

Invited Presentations

- 2019: Benefits and challenges with ViPAR. At: Using Nordic register data to explore the co-evolution of health and social factors over the life course. Conference hosted by NordForsk of studies from the NordForsk call "Nordic Register Plots, combining social and health data in the Nordic countries. Panum Institute, University of Copenhagen, Copenhagen, 29 March 2019.
- 2018: What do we know of the transition from adolescent to adult services for persons with autism? Results from the literature and the multi-site ASDEU project. At: Aarhus Conference. Aarhus. October 6, 2018.
- 2018: Genetic and prenatal environmental factors in autism, ADHD and schizophrenia. At: Theme Day: Environment, Pregnancy and Child Development. Danish Board of Health Advisory Scientific Committee on Environment and Health. Copenhagen. 11 October 2018.
- 2018: What do we know of the transition from adolescent to adult services for persons with autism? At Viborg Kommune. Theme Day in Autism. Viborg, Denmark. 22 October 2018.
- 2018: Genetic and prenatal environmental factors in ASD, ADHD and schizophrenia: heterogeneity challenges biomarker discovery. At: Biomarkers in predictive toxicology and pharmacology: Risk assessment. Annual meeting of the Danish Society for Toxicology and Pharmacology. Sandbjerg Estate, Denmark. 8-9 November 2018.
- 2017: Comparative survey of services for adults with ASD in Europe: a multi-site assessment by the ASDEU consortium. At: Arapi 14th Autumn University. 2-6 October 2017, Le Croisic, France. 2017: Outcomes, services and care in adults with autism: an update from the Autism Spectrum Disorders in the European Union (ASDEU) project. Autism@Aarhus. 2017 Symposium: 6th Anniversary Meeting, 12 September 2017, Aarhus. 2016: Consequences of the marked increase in ASD prevalence. At: Challenges related to increased diagnosis of children and adolescents with autism, autism spectrum disorders and ADHD: The Development Strategy 2016. Conference organized by Borgercentre Handicap, Copenhagen, 18 November 2016.
- 2016: Outcomes, services and care in adults with autism: an update from the Autism Spectrum Disorders in the European Union (ASDEU) project. Autism@Aarhus 2016 Symposium: 6th Anniversary Meeting, 27 September 2016, Aarhus.
- 2016: Autism Spectrum Disorders in the European Union: what is being done for adult support and care? At the SIKON Conference, Landsforeningen Autisme, April 25-26, 2016, Odense, Denmark.
- 2015: Transitions in a Danish Context. At the 8th Tryg Foundation Workshop on Applied Research for Mental Health in Children and Adolescents, Transition in Mental Health, Hindsgavl Slot, Denmark, December 1-2, 2015.
- 2015: Multidisciplinary Intervention for Youth in Transition. At the 8th Tryg Foundation Workshop on Applied Research for Mental Health in Children and Adolescents, Transition in Mental Health, Hindsgavl Slot, Denmark, December 1-2, 2015.
- 2015: Population-based registries in autism research. At the 'Wendy Klag Center for Autism and Developmental Disabilities. 2015 Fall Symposium'. Johns Hopkins School of Public Health. Baltimore, MD, USA, 13 October 2015.
- 2015: ASD in the EU: Overview of project and activities around adult support and care. Autism@Aarhus 2015 Symposium: 5th Anniversary Meeting, 10 September 2015, Aarhus.
- 2013: Can neonatal encephalopathy be prevented? Patient safety, clinical intervention, public health measures and surveillance. At 'Neonatal Encephalopathy and Hypoxic Ischemic Encephalopathy: Advancing the Science and Improving Outcomes', sponsored by Balnaves Foundation, NICHD, IMPACT for CP, Cerebral Palsy Alliance, Bethesda, MD, USA, May 2013.
- 2012: An overview of causes and risks for autism spectrum disorders. GSU Regents Center for Learning Disabilities, Disability Service Provider Meeting, June 28, 2012.
- 2010: Guest speaker, 9th Annual Pediatric Research Day jointly sponsored by the Department of Pediatrics and Human Development at Michigan State University and the Department of Pediatrics at Wayne State University, East Lansing, MI, Mar 12, 2010.
- 2009: Unraveling the causes of autism (and what is CDC doing about it)? Invited speaker and panelist for the symposium: Latest Moves in Unraveling Autism at the 2009 annual meeting of the Association of Healthcare Journalists, Seattle, WA, April 18, 2009
- 2008: What we know and what we need to know about the role of perinatal factors in autism. Invited Speaker for the Elizabeth Connelly Memorial Conference on Autism: Prenatal and Perinatal Issues, and Evidence-Based Assessment and Intervention, NYS Institute for Basic Research in Developmental Disabilities, Staten Island, NY, April 17, 2008.
- 2007: Environmental Epidemiology: Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE). Autism and the Environment: Challenges and Opportunities for Research – A Workshop. Forum on Neuroscience and Nervous System Disorders, Institute of Medicine, Washington DC, April 18-19, 2007.
- 2006: Autism Surveillance and Epidemiologic Research at CDC. Michigan State University, Department of Epidemiology Seminar, January 12, 2006. 2005: Autism Activities in the CDC – Denmark Collaboration. Interagency Autism Coordinating Committee Meeting, Bethesda, MD, November 18, 2005.
- 2004: The Epidemiology of Developmental Disabilities. Dansk Epidemiologisk Selskab, Hindsgavl Slot, Denmark, September 5, 2004. 2004: Maternal immune system changes in term pregnancy. Measurement of Maternal and Fetal Infection and Inflammation in the National Children's Study Workshop, Baltimore, MD. May 2004.
- 2004: CDC Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE). Interagency Autism Coordinating Committee Meeting, National Institutes of Health. Bethesda, MD, May 11, 2004.
- 2003: Developing a National Agenda Epidemiological and Environmental Research in Autism: Update on CDC Activities. Autism Summit Conference, Washington, DC. November 19-20, 2003.
- 1997: Magnesium sulfate exposure and the risk of cerebral palsy & mental retardation in very low birth weight survivors. Presented at the 1997 Frances Glenn Mayson Lecture, March 25, 1997, Crawford Long Hospital of Emory University,

Atlanta, GA.

1996: Beyond Cerebral Palsy: Prenatal Magnesium Sulfate Exposure and the Risk for Mental Retardation. Presented at the Magnesium and Cerebral Palsy Hypothesis International Workshop, Oct 31- Nov 1, 1996. The University of Chicago, Chicago, Illinois.

1994: The Woburn Environment and Birth Study: Reproductive Effects of Exposure to TCE-Contaminated Water. Seminar presented at the Emory University School of Public Health, Division of Environmental and Occupational Health.

Mentor/ PhD Student Thesis Committee Member/Advisor

Post-doctoral Fellow mentor

Three ongoing; 2 complete (Aarhus University, Harvard University, UCLA, USA)

PhD student thesis advisor

One ongoing (Aarhus University); eight complete (Aarhus University, Emory University, USA)

Research Support

Active Support

NIH R01 A Reichenberg and D Schendel, joint PIs. 8/9/2019-5/31/2024. USD 3,499,418.

Autism Risk and Maternal Cardiometabolic Health (ARCH) study. The study goal is to determine the role of maternal CMCs and related familial and genetic factors in ASD etiology.

NIH R01 ES026993A Kalkbrenner and D Schendel, joint PIs. 4/1/17-2/28/22. USD 2,817,533.

Air-pollution risk for Autism and ADHD - cross-disorder insights and genetic liability. We will examine the risk for ASD and ADHD from prenatal air pollution exposure and risk-modifying effects of genetic liability.

Under review

NIH R01 A Kalkbrenner and D Schendel, joint PIs 3/2021-2/2026. USD 2,718,688.

The Influence of Air-pollution Exposure and Its Interplay with Genetics on Schizophrenia Risk. The project is designed to determine air pollutant effects on schizophrenia risk considering critical developmental periods, assess air pollutant exposure effects on schizophrenia risk while accommodating genetic variation, and examine air pollution risk effects among schizophrenia subgroups, while accommodating genetic variation.

Complete within last 3 years

Sofiefonden. Serviceydelser og behandling til voksne med autisme spektrum forstyrrelser i Danmark (Services and support for autistic adults in Denmark). April 2018-December 2018. 150,000 DKK. The study goal was to prepare a report of Denmark-specific results in the ASDEU on-line survey or autistic adult services in the EU.

Role: PI.

Service Contract NUMBER-Sanco/2014/C2/035 European Commission DG SANCO Posada (PI) Feb 2015-Feb 2018.

Autism Spectrum Disorders in the European Union (ASDEU Consortium)

The purpose of the project is to apply a public health model to ASD focused on prevalence estimation methods, early detection programs and the improvement of early diagnosis and intervention and the creation of a new European evidenced-based framework that will improve the care for both adults and elder people with ASDs.

Role: Denmark site PI and Lead, Adults Treatment and Care Work Package

U01 HD073978 Reichenberg (PI). 7/1/2012-6/30/2017

Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network. USD 4,918,533 (total).

The goal of this study is to characterize multigenerational family characteristics and environmental exposures that can affect the risk for ASD building on an existing network leveraging established population-based epidemiologic resources from 7 countries.

Role: Co-investigator and co-Director, Scientific and Analytic Oversight Committee.

International Network Programme framework grant. Danish Agency for Science, Technology and Innovation. 1/17/2015-12/31/2015. DKK 200,614.

Research Partnership in Mental Disorders between Aarhus University and Johns Hopkins University, USA: Psychiatric Epidemiology and Genetics Research Exchange (PEDIGREE).

The purpose of the project was to boost capacity in psychiatric and genetic epidemiology in Denmark by initiating an international partnership between Aarhus University (AU; National Centre for Register-based Research) and Johns Hopkins University Bloomberg School of Public Health (JHSPH; Department of Mental Health and Department of Epidemiology, genetic epidemiology track), USA.

Role: PI (Awardee).

Autism Speaks. Schendel (PI). 2009-2013.

International Collaboration for Autism Registry Epidemiology (iCARE). Total funding (7 sites): USD 1,096,483.

The purpose of the project was to establish a multinational research consortium (Australia, Denmark, Finland, Israel, Norway, Sweden, USA) to promote register-based research in autism geographical and temporal heterogeneity, phenotype, family and life course patterns, and etiology.

Role: PI.

NOTE 1993-2013: Research Support Not Applicable (CDC/US Government Employee).

Teaching and Other Academic Support at Aarhus University

Department of Public Health, AU:

2018: Lecturer, AU International Summer School, Course title: Mother-Child Health. Course objective is to introduce how factors in the parent's health and during pregnancy can influence the development and health of the fetus and the child up

to the age of puberty.

Completed AU on-line training module entitled: Introduction to Teaching and Learning (InTel), March 2018.

2017: Chair, Assessment Committee for Professor at Aarhus University, Dept of Public Health.

2014-2017: Pre-assessor of PhD thesis proposals.

Section for Epidemiology, AU:

2018: Co-Lecturer, Epidemiology II. August 2018. Lecture: Information Problems.

2015: Autumn semester Supervisor, Bachelor Thesis Course for Medical Students, Reproductive Epidemiology.

Reports

Neonatal Encephalopathy and Neurodevelopment. Second Edition. 2014. Task Force on Neonatal Encephalopathy, American College of Obstetricians and Gynecologists. D Schendel: Chapter 1 lead with (in alphabetic order) N Badawi, E Blair, M Johnston, S McIntyre, K Nelson, L Papile, Y Wu.

Schendel D. Hypoxic-ischemic encephalopathy: epidemiology and long-term neurologic outcome. In: Neonatal Encephalopathy and Subsequent Cerebral Palsy: Defining the Pathogenesis and Pathophysiology. Report by the Task Force on Neonatal Encephalopathy, American College of Obstetricians and Gynecologists. 2003.

The Woburn Environment and Birth Study Research Team (DE Schendel, principal author). The Woburn Environment and Birth Study: Reports of the Retrospective Study Inter-Community Analysis, the Retrospective Study Wells G and H Analysis and the Prospective Surveillance Study. Vols I and II. 1994

Morbidity and Mortality Weekly Reports (MMWR)

Economic costs associated with mental retardation, cerebral palsy, hearing loss, and vision impairment --- United States, 2003. Reported by: A Honeycutt, PhD, L Dunlap, MA, H Chen, MA, G al Homsy, MA, RTI International, Research Triangle Park, NC. S Grosse, PhD, D Schendel, PhD, National Center on Birth Defects and Developmental Disabilities, CDC. MMWR Morbidity and Mortality Weekly Report 2004; 53(3):57-59.

Vitamin A deficiency among children—Federated States of Micronesia, 2000. MMWR 2001; 50(24):509-12.

Mental retardation following diagnosis of a metabolic disorder in children aged 3-10 years - Metropolitan Atlanta Developmental Disabilities Surveillance Program. MMWR 1999; 48(17):353-56.

Boyle, CA, Yeargin-Allsopp M, Doernberg N, Holmgren P, Murphy CC, Schendel DE. Prevalence of selected developmental disabilities in children 3-10 years of age: the Metropolitan Atlanta Developmental Disabilities Surveillance Program, 1991. MMWR April 19, 1996; 45(SS-2): 1-14.

Select Publications

Link to My Bibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/1Nqwuu9CipnAi/bibliography/47414864/public/?sort=date&direction=ascending>
Janecka M, Hansen SN, Modabbernia A, Browne HA, Buxbaum JD, Schendel DE, Reichenberg A, Parner ET, Grice DE. Parental age and differential risk for neuropsychiatric disorders: Data from a large national cohort. JAACAP (In press) 2018.

Sabourin KR, Reynolds A, Schendel D, Rosenberg S, Croen L, Pinto-Martin JA, Schieve KL, Newschaffer C, Lee LC, DiGuseppi C. Infections in children with autism spectrum disorder: Study to Explore Early Development. Autism Research (in press) 2018.

Schendel D, Thorsteinsson. Autism cumulative incidence into adulthood for birth cohorts in Denmark, 1980-2012. JAMA 2018 (in press).

Croen LA, Qian Y, Ashwood P, Daniels J, Fallin D, Schendel D, Schieve L, Singer A, Maffett M, Zerbo O. Family history of immune conditions and risk of autism spectrum disorders: findings from the Study to Explore Early Development. Autism Research 2018. First published online: 10 August 2018; <https://doi.org/10.1002/aur.1979>

Andrews SV, Sheppard B, Windham GC, Schieve LA, Daniels J, Schendel DE, Croen LA, Chopra P, Alisch RS, Newschaffer CJ, Warren ST, Feinberg AP, Fallin MD, Ladd-Acosta C. Case-control meta-analysis of blood DNA methylation and autism spectrum disorder. Mol Autism 2018 Jun 28;9:40. doi: 10.1186/s13229-018-0224-6. eCollection 2018.

Hannon E, Schendel D, Ladd Acosta C, Grove J, Hansen CS, Andrews S, Hougaard DM, Bresnehan M, Mors O, Hollegard MV, Bækvad-Hansen M, Hornig M, Mortensen PB, Buxbaum J, Fallin D, Bybjerg-Grauholm J, Reichenberg A, Mill J. Elevated polygenic burden for autism is associated with differential DNA methylation at birth. Genome Med. 2018 Mar 28;10(1):19. doi:10.1186/s13073-018-0527-4.

Schendel, D. Prenatal antidepressant use and risk of autism: Should be viewed through the kaleidoscope of possible causes of autism. BMJ 2018;358:j3388 doi: 10.1136/bmj.j3388 (Published 2017 July 19).

Denson LA, McDonald SA, Das A, Schendel DE, Skogstrand K, Hougaard DM, Shankaran S, Higgins RD, Carlo WA, Ehrenkranz RA; Cytokines Study Subcommittee of the NICHD Neonatal Research Network. Early Elevation in Interleukin-6 is Associated with Reduced Growth in Extremely Low Birth Weight Infants. Am J Perinatol. 2017 Feb;34(3):240-247. doi:10.1055/s-0036-1585419. Epub 2016 Jul 25.

Singer AB, Burstyn I, Thygesen M, Mortensen PB, Fallin MD, Schendel DE. Parental exposure to occupational asthmagens and risk of autism spectrum disorder in a Danish population-based case-control study. Environmental Health 2017;16: 31.

Yipp B, Leonard H, Stock S, Stoltenberg C, Gissler M, Gross R, Schendel D, Sandin S. Autism risk in caesarean section. Int J Epidemiol. 2017 Apr;46(2):429-439. doi: 10.1093/ije/dyw336

Lyall K, Croen L, Daniels J, Fallin MD, Ladd-Acosta C, Lee BK, Park BY, Snyder NW, Schendel D, Volk H, Windham GC, Newschaffer C. The Changing Epidemiology of Autism Spectrum Disorders. *Annu Rev Public Health*. 2016 Dec 21. doi:10.1146/annurev-publhealth-031816-044318. [Epub ahead of print]

Christensen J, Overgaard M, Parner ET, Vestergaard M, Schendel D. Risk of epilepsy and autism in full- and half-siblings – a population-based cohort study. *Epilepsia* 2016; 57: 2011-2018.

Browne H, Modabbernia A, Buxbaum JD, Hansen SN, Schendel DE, Parner ET, Reichenberg A, Grice DE. Prenatal Maternal Smoking and Increased Risk for Tourette Syndrome and Chronic Tic Disorders. *J Am Acad Child Adolesc Psychiatry*. 2016 Sep;55(9):784-91. doi: 10.1016/j.jaac.2016.06.010. Epub 2016 Jul 21.

Singer AB, Windham GC, Croen LA, Daniels JL, Lee BK, Schendel DE, Fallin D, Burstyn I. Maternal exposure to occupational asthmagens and autism spectrum disorder in the Study to Explore Early Development. *J Autism Dev Disord*. 2016 Aug 10. [Epub ahead of print]

DiGuseppi C, Daniels J, Fallin D, Rosenberg S, Schieve L, Thomas K, Windham G, Bernal P, Currie D, Croen L, Goss C, Lee L-C, Miller L, Pinto-Martin J, Singer A, Soke G-N, Young L, Schendel D. Demographic profile of families and children in the Study to Explore Early Development (SEED): case-control study of autism spectrum disorder. *Disabil Health J*. 2016 Jan 29. pii: S1936-6574(16)00007-8. doi: 10.1016/j.dhjo.2016.01.005. [Epub ahead of print].

Meirer S, Mattheisen M, Mors O, Schendel DE, Mortensen PB, Plessen K. Mortality Among Persons With Obsessive-Compulsive Disorder in Denmark. *JAMA Psychiatry*. 2016 Jan 27. doi:10.1001/jamapsychiatry.2015.3105. [Epub ahead of print]

Schendel DE, Parner ET. Sibling comparisons and confounding in autism epidemiological studies. *Letter. JAMA Psychiatry*. 2016 Jan 13:1. doi:10.1001/jamapsychiatry.2015.2661. [Epub ahead of print] PMID:26764130

Schendel DE, Overgaard M, Christensen J, Hjort L, Jørgensen M, Parner ET. Association of psychiatric and neurologic comorbidity with mortality among persons with autism spectrum disorder in a Danish population. *JAMA Pediatr*. 2016 Jan 11:1-8. doi: 10.1001/jamapediatrics.2015.3935. [Epub ahead of print] PMID:26752506

Ladd-Acosta C, Shu C, Lee BK, Gidaya N, Singer A, Schieve LA, Schendel DE, Jones N, Daniels JL, Windham GC, Newschaffer CJ, Croen LA, Feinberg AP, M. Daniele Fallin. Presence of an Epigenetic Signature of Prenatal Tobacco Smoke Exposure in Childhood. *Environmental Research* 2016 Jan;144(Pt A):139-48. doi: 10.1016/j.envres.2015.11.014. Epub 2015 Nov 21. PMID:26610292

Meier SM, Petersen L, Schendel DE, Mattheisen M, Mortensen PB, Mors O. Obsessive-Compulsive Disorder and Autism Spectrum Disorders: Longitudinal and Offspring Risk. *PLoS One*. 2015 Nov 11;10(11):e0141703. doi:10.1371/journal.pone.0141703. eCollection 2015. PMID:26558765

Carter K, Francis R, Bresnahan M, Gissler M, Grønberg TK, Gross R, Gunnes N, Hammond G, Hornig M, Hultman CM, Huttunen J, Langridge A, Leonard H, Newman S, Parner ET, Petersson G, Reichenberg A, Sandin S, Schendel DE, Schalkwyk L, Sourander A, Steadman C, Stoltenberg C, Suominen A, Surén P, Susser E, Sylvester Vethanayagam A, Yusuf Z; International Collaboration for Autism Registry Epidemiology. ViPAR: a software platform for the Virtual Pooling and Analysis of Research data. *Intl J Epidemiol* 2015. doi: 10.1093/ije/dyv193

Atladdottir HO, Schendel DE, Henriksen TB, Hjort L, Parner ET. Gestational age and autism spectrum disorder: trends in risk over time. *Autism Research* 2015. doi: 10.1002/aur.1525. [Epub ahead of print].

Wiggins LD, Levy SE, Daniels J, Schieve L, Croen L, DiGuseppi C, Blaskey L, Giarelli E, Hepburn S, Lee L-C, Pinto-Martin J, Reynolds A, Rice C, Rosenberg CR, Thompson P, Yeargin-Allsopp M, Young L, Schendel D. Autism spectrum disorder symptoms among children enrolled in the Study to Explore Early Development (SEED). *JADD* 2015; DOI 10.1007/s10803-015-2476-8

Sandin S, Schendel D, Magnusson P, Hultman C, Suren P, Susser E, Grønberg T, Gissler M, Gunnes N, Bresnahan M, Sourander A, Hornig M, Carter K, Francis R, Parner E, Leonard H, Rosanoff M, Stoltenberg C, Reichenberg A. Autism risk associated with parental age and with increasing difference in age between the parents. *Molecular Psychiatry* 2015; advance online publication, 9 June 2015; doi:10.1038/mp.2015.70. PMID:26055426

Atladdottir HO, Schendel DE, Parner ET, Henriksen TB. A descriptive study on the neonatal morbidity profile of autism spectrum disorders, including a comparison with other neurodevelopmental disorders. *J Autism Dev Disord*. 2015 Mar 11. [Epub ahead of print].

Streja E, Miller J, Wu C, Bech BH, Pedersen LH, Schendel DE, Uldall P, Olsen J. Disproportionate fetal growth and the risk for congenital cerebral palsy in singleton births. *PLOS ONE* 2015;10(5):e0126743. doi:10.1371/journal.pone.0126743. eCollection 2015.

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