

CURRICULUM VITAE

DIANA E. SCHENDEL

Addresses:

AJ Drexel Autism Institute, 3020 Market Street, Suite 560, Drexel University,
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National Centre for Register-based Research, Fuglesangs Alle 4, Bldg 2631, Aarhus
University, 8210 Aarhus V, Denmark

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EDUCATION

The Pennsylvania State University	1989	Ph.D., Physical Anthropology
The Pennsylvania State University	1980	M.A., Anthropology
The Florida State University	1977	B.S., Biology/B.S., Anthropology

PROFESSIONAL EMPLOYMENT HISTORY

Maternity leave absences: Aug 1989-Dec 1990; Dec 1994-April 1995

AJ Drexel Autism Institute Drexel University 3020 Market Street Suite 560 Philadelphia, PA 19104-3734	Professor and Leader Modifiable Autism Risk Factors Research Program July 2020 to present Secondary appointment: Dornsife School of Public Health, Department of Epidemiology and Biostatistics
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and

Department of Economics and Business Economics National Centre for Register-based Research (NCRR) Fuglesangs Alle 26, Bldg 2640/R Aarhus University DK-8210 Aarhus V Denmark	Professor 2013 to present (from July 2020: 10% effort) (dual position in two departments) Research and special activities in psychiatric epidemiology, developmental and reproductive epidemiology
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Department of Public Health Institute of Epidemiology and Social Medicine Aarhus University	Professor, MSO 2013 to 2020 (jointly with NCRR (above)) Research and special activities in developmental and reproductive epidemiology
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Bartholins Allé 2, Bldg 1260
DK-8000 Aarhus C

Epidemiology Team
Developmental Disabilities Branch
National Center on Birth Defects
Centers for Disease Control and Prevention
Atlanta, GA

Research Health Scientist, Team Lead
2006-2013
Team Lead, PI CADDRE, Co-PI GA SEED,
PI iCARE

Developmental Disabilities Team
National Center on Birth Defects
and Developmental Disabilities
Centers for Disease Control and Prevention
Atlanta, GA

Lead Health Scientist
2000-2006
Supervised surveillance and research
project staff (including EIS/ASPH/ATPM
Fellows), oversaw CADDRE research
activities as CDC PI, oversaw
expansion of research activities under
Danish Cooperative Agreement,
conducted epidemiologic research
studies.

Analytic Studies Section
Division of Birth Defects, Child Development,
and Disability and Health
National Center for Environmental Health
Centers for Disease Control and Prevention
Atlanta, GA

Acting Chief, 1998-2000
Supervised Section staff, oversaw
conduct of early CP surveillance,
completed protocol and approvals
for CP case-control study (CHILD
Study), established cooperative
agreement with the Danish Medical
Research Council, conducted
epidemiologic research studies.

Surveillance and Epidemiology Section
Division of Birth Defects and
Developmental Disabilities
National Center for Environmental Health
Centers for Disease Control and Prevention
Atlanta, GA

Acting Chief, 1997-98
Supervised Section staff, initiated
development and piloting of 2 new
activities (early CP surveillance and
CHILD Study), conducted epidemiologic
research projects.

Division of Birth Defects and
Developmental Disabilities
National Center for Environmental Health
Centers for Disease Control and Prevention
Atlanta, GA

Epidemiologist, 1993-97
Conducted surveillance and
epidemiologic research projects on
developmental disabilities, birth defects,
and other adverse reproductive
outcomes.

The Woburn Environment and Birth Study

Senior Epidemiologist, 1991-92

Massachusetts Health Research Institute
Woburn, MA

Supervised 5 field staff, conducted all epidemiologic analysis, and primary responsibility for preparing 2-volume final report.

Department of Sociology and
Anthropology
Tufts University
Medford, MA

Assistant Professor/Lecturer, 1988-90
Lecturer in under-graduate courses
in human biology, growth and
development, and world prehistory.

ADJUNCT FACULTY APPOINTMENTS

Jul 2017 to present - Adjunct Professor, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, USA

COMMITTEE/WORKGROUP MEMBERSHIPS

2021- present, INSAR Board of Directors, Treasurer

2020, Contributor to COVID 19 commentary compiled by Autism Research: Perspectives from Around the Globe. Contribution entitled: Consequences of SAR-CoV-2 (COVID-19) Pandemic on ASD Epidemiology. Authors: Dani Fallin, Heather Volk and Diana Schendel. 27 June 2020
<https://doi.org/10.1002/aur.2329>

2019-2021 – 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 to 2016 – Member, Mothers and Babies in Norway and Denmark (MOBAND)

2011 to present – 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 to 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 to 2012 – International Society for Autism Research – International Meeting for Autism Research Diversity Committee member.

2009 to 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 to 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 to 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 to 2009 - European Autism Information System (EU-funded)
- Invited consultant for planning of EAIS renewal, Cork, Ireland, September 2008
 - Invited speaker at Launch Event of the European Autism Alliance, Brussels, Oct 2007
- 2005 to 2009 - Co-organizer for AS-CDC International Autism Epidemiology Network (IAEN), Chair - Registry workgroup;
- 2005 to 2007 – NIMH Autism Phenome Workgroup; member of science advisory group for the Collaborative Autism Phenome Project
- 2005 to 2008 - Epidemiology Subcommittee member of Scientific Advisory Board - Autism Speaks
- 2004 - Core Member: Pregnancy and the Infant Working Group. NIH/EPA/CDC National Children's Study. Working Group activities completed.
- 1996 Invited participant in the Workshop Series designed to develop guidelines for planning, developing and conducting environmental public health surveillance. Co-sponsors: The National Center for Environmental Health, CDC, Council of State and Territorial Epidemiologists and the National Environmental Health Association

RESEARCH SUPPORT

NOTE 1993-2013: Research support not applicable during my employment at the Centers for Disease Control and Prevention

Active Support

NIH R01 ES026993 A Kalkbrenner and D Schendel, joint PIs

4/1/17-2/28/22

US \$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.

NIH R01 HD098883-01 Autism A Reichenberg and D Schendel, joint PIs. 9 Aug 2019-31 May 2024 US\$ 3,499,418.00

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 R01MH124817 (Janecka PI) Dec 2020-Nov 2025 NIMH US\$ 75,547

Maternal health in pregnancy and autism risk-genetic and non-genetic mechanisms. This project will deliver a systematic list of high-confidence, maternal diagnoses around pregnancy associated with ASD risk in two, independent cohorts, and triangulated evidence regarding genetic and non-genetic mechanisms linking those diagnoses in pregnancy with risk of ASD in offspring.

Role: Co-PI

Completed

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.

Service Contract NUMBER-Sanco/2014/C2/035 European Commission DG
SANCO Posada (PI) Feb 2015-Feb 2018 Total AU site: 280,617

Euro Autism Spectrum Disorders in the European Union (ASDEU Consortium)
The purpose of the project was 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) 7/1/12-6/30/17
Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network
\$4,918,533 (total)

The goal of this study was 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 200,614 DKK
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): \$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

EARLY STAGE INVESTIGATOR/MENTEE FUNDING

1K01ES032046-01 Aisha S Dickerson (PI) Sept 2020-Aug 2023 NIEHS total: \$485,865
Project Title: Parental lifetime occupational exposures and risk of autism spectrum disorder in offspring.

Role: Scientific Advisory Board member

Lundbeck Foundation Experiment 2020 Anna Starnawska (PI, Dept of Biomedicine, Aarhus University) Awarded Dec 2020 Title: Druggable epigenome of mental disorders: potential treatment path. I served as mentor for application development; no role in project.

INVITED PRESENTATIONS

2021 Changes in the incidence of autism spectrum disorders in Denmark: what we see at the population level and in the clinic. At: Kinderzentrum München Congress 2020, "Autism spectrum disorders - an interdisciplinary challenge" Symposium. Munich, Germany 19-20 November 2021.

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, 29-29 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. 6 October 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. 11 October 2018, Copenhagen.
- 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, 8-9th 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.
- 2011 Schendel D. Surveillance and research at the Centers for Disease Control and Prevention. Presentation in: Scientific Priorities and Funding Opportunities for Autism Research: Insights from Federal Funding Agencies (Gov't Agency Roundtable Discussion Symposium). Society for Research in Child Development Biennial Meeting, Montreal, Canada, Mar 2011.
- 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.
- 1996 Schendel DE, Yeargin-Allsopp M. Developmental disabilities in a population-based cohort of very low birthweight children. Presented at the 1996 Maternal, Infant and Child Health Epidemiology Workshop: Using Data for Prevention. Atlanta, GA.
- 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.
- 1991 The Influence of Social, Economic and Demographic Characteristics on Patterns of Physical Activity and Physique in Western Samoan Adults. Presented at the 1991 Human Biology Council Symposium on Physical Activity and Human Biology.

ORGANIZED WORKSHOPS AND SEMINARS

- May 2018 Instigator and Co-organizer – EEARN and Generation R Collaborative meeting. May 9, 2018, Rotterdam, Netherlands.
- May 2012 Co-organizer – 1st INSAR Diversity Committee Pre-IMFAR workshop
- May 2008 Co-organizer - 3rd Autism Speaks – CDC IAEN Workshop. London, 2008.
- December 2007 Autism Speaks-CDC International Autism Epidemiology Network, Registry Workgroup Multi-site Collaborative Analyses. New York, NY, December 11-12, 2007.
- May 2007 Co-organizer - 2nd Autism Speaks – CDC International Autism Epidemiology Network Workshop. Seattle, 2007.
- October 2006 NIMH Autism Phenome Workgroup Workshop. Bethesda, MD., October 26, 2006.
- May 2006 Co-organizer - 1st Autism Speaks – CDC Workshop on International Autism Epidemiology. Montreal, May 31, 2006.
- October 2003 Laboratory Methods in Neurodevelopmental Epidemiology: Current Challenges. Chevy Chase, MD, October 22-23.
- April 2000 Infection in Pregnancy, Preterm Delivery, and Cerebral Palsy - Current Activities and Future Perspectives, CDC
- December 1999 Infection in Pregnancy and Neurodevelopment, CDC
- December 1998 The Danish National Birth Cohort: Research Opportunities in Perinatal and Pediatric Epidemiology, CDC
- November 1996 Planning Workshop for the Development of a Cerebral Palsy Case-Control Study, CDC

HONORS/AWARDS

- 2012 – CDC – Nominee for the Charles C. Shepard Science Award
(For: Schieve LA, Rice C, Devine O, Maenner MJ, Lee LC, Fitzgerald R, Wingate MS, Schendel D, Pettygrove S, Van Naarden Braun K, Durkin MS. Have secular changes in perinatal risk factors contributed to the recent autism prevalence increase? -- Development and application of a mathematical assessment model. *Ann Epidemiol* 2011; 21:930-945.)
- 2011 – CDC - Nominee for the Charles C. Shepard Science Award
(For: Avchen RN, Wiggins LD, Devine O. Van Naarden-Braun K, Rice CE, Hobson N, Schendel D, Yeargin-Allsopp M. Evaluation of a record-review surveillance system used to determine the

- prevalence of autism spectrum disorders. *J Autism Developmental Disorders* 2011; 41: 227-236)
- 2011 – Recognized by Autism Speaks for exceptional research achievements
(Specifically for: Schendel D, Bhasin Karapurkar T. Birth weight and gestational age characteristics of children with autism, including a comparison with other developmental disabilities. *Pediatrics* 2008; 121(6):1155-64.)
- 2010 – CDC and ATSDR Honor Award 2009 - The Maternal Health Team - “Excellence in Emergency Response”
- 2009 – Nominee – Federal Employee of the Year Award – Autism and Developmental Disabilities Monitoring Cerebral Palsy Network Team.
- 2005 - Secretary’s Award for Distinguished Service – Autism Public Health Response Team – The Secretary of Health and Human Services, US Government
- 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 – Winner of the Charles C. Shepard Science Award
(For: Schendel DE, Berg CJ, Yeargin-Allsopp M, Boyle CA, Decoufle P. Prenatal magnesium sulfate exposure and the risk for cerebral palsy or mental retardation in very low birthweight children aged 3 to 5 years. *JAMA* 1996;276:1805-1810.)
- 1996 - NCEH Director's Award
- 1984-85 - Pennsylvania State University - Hill Fellowship
- 1977 - Florida State University - graduated *magna cum lauda*
- 1977 - Florida State University - Phi Beta Kappa

ACADEMIC ACTIVITIES AT DREXEL UNIVERSITY

AJ Drexel Autism Institute

- 2020-present** Organize Work-in-Progress monthly meetings for presentations on scientific topics, open to the Autism Institute (AI)
- 2020-present** Member, Program Leaders and Core Directors Leadership Committee

ACADEMIC ACTIVITIES AT AARHUS UNIVERSITY (AU)

Note: course lecturing, especially for undergraduates, at AU typically requires fluent, academic-level Danish which I have yet to achieve. Therefore my teaching and academic support is limited to courses and activities in which English is the mode of communication.

Sept 2020 to 2021: Faculty pre-reviewer of other Health faculty funding applications under preparation, Department of Public Health. Provide feedback and guidance prior to application submission.

2019 to 2021: Member, Recruitment Committee, Graduate School of Health, Aarhus University. Committee reviews PhD applications and project proposals and awards funding for PhD candidates and Research Year medical students.

2018 to 2020: 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.

2019: Chair, Assessment Committee for Post-doctoral Fellow at Aarhus University, Dept of Public Health

2019: External Opponent, PhD assessor committee, Tanja Gram Petersen, University of Copenhagen, Risk factors for cerebral palsy in children born in Denmark and Norway
18 January 2019

2018: Chair, Assessment Committee for Associate Professor at Aarhus University, National Centre for Register-based Research, Dept of Business and Social Science

2018: Assessment Committee member for Post-doctoral Fellow at Aarhus University, National Centre for Register-based Research, Dept of Business and Social Science

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

2014 to 2017: Pre-assessor of PhD thesis proposals, Dept of Public Health

Section for Epidemiology, Dept of Public Health:

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

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

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

MENTOR/STUDENT THESIS COMMITTEE MEMBER/ADVISOR/PHD ASSESSMENT COMMITTEE

PhD Assessment Committee Member

2019: Tanja Gram Petersen, Department of Public Health, University of Copenhagen. Thesis title: Risk factors for cerebral palsy in children born in Denmark and Norway; exploring maternal thyroid disorder, use of analgesics, and ethnicity in association with the risk of cerebral palsy.

Undergraduate Mentor

2019-20: Wenxin Li, Medical Student Masters candidate, Aarhus University. Mentor for her masters research paper topic: Association between characteristics of the family and the age of autism diagnosis.

Postdoctoral Fellow/Early Investigator Mentor

Current

Linda Ejlskov, Post-doctoral Fellow, Aarhus University, NCRR/iPSYCH, family morbidity history in psychiatric disorders, machine learning for prediction of psychiatric disorders

using genetic and non-genetic factors

Aisha Dickerson, Assistant Professor, Johns Hopkins Bloomberg School of Public Health, Department of Environmental Health/Department of Epidemiology, environmental epidemiology, autism spectrum disorder (Scientific Advisory Board member on her NIEHS K01 award: Parental lifetime occupational exposures and risk of autism spectrum disorder in offspring; Sept 2020-August 2023, \$485,865 total)

Magda Janecka, Assistant Professor, psychiatry, Mt Sinai School of Medicine, New York; epimutations in autism, maternal morbidity risk in autism (mentor and co-investigator on NIH R01 early stage investigator application, awarded Dec 2020).

Anna Starnawska, Post-doctoral Fellow, Department of Biomedicine, Aarhus University. Mentor for her Lundbeck Foundation 'Experiment' application: Druggable epigenome of mental disorders: potential treatment path. Dr. Starnawska was awarded the funding (Dec 2020). I provided input and feedback on application development; I have no role in the project per se.

Former:

Xiaoqin Liu, Aarhus University, NCCR/iPSYCH, pre- and perinatal exposures, with a focus on pharmaceutical exposures, and adverse pregnancy and child outcomes

Katja Glejsted Ingstrup, Aarhus University, NCCR/iPSYCH, postnatal depression epidemiology

Jasveer Virk, UCLA, NICHD K99R00, Maternal diabetes during pregnancy and neurodevelopment in the offspring.

Philip Finn Rising Nielsen, Aarhus University, NCCR/iPSYCH, Infection/immune function/inflammation in psychiatric disorders

PhD Committee Member/Project mentor

Current:

Maki Morinaga, Karolinska Institutet, Sweden. I am mentoring her analysis of MINERVA multi-national immigration data as one of her PhD analyses.

Malene Thygsen, PhD student, National Centre for Register-based Research. For one of her PhD projects, I am mentoring her analysis of iPSYCH data on environmental air pollutants and risk of ADHD.

Complete:

Paul Madley-Dowd. University of Bristol, School of Social and Community Medicine. Causal analysis of maternal substance use during pregnancy and offspring psychopathology. I am mentoring his use of iPSYCH data to look at maternal smoking and intellectual disability, including comorbidity with ASD and ADHD. Completed 2020.

Sara Højslev Avlund. Centre for Child and Adolescent Psychiatry, Aarhus University Hospital, Aarhus, Denmark. Follow-up of children referred on suspicion of autism spectrum disorders in preschool. Completed 2020.

Stefan Nygaard Hansen, Dept of Biostatistics, Institute of Public Health, University of Aarhus, Aarhus, Denmark. Time-to-event analysis under time trends or dependent censoring. Completed 2017.

Alison Singer, Dept of Mental Health, Johns Hopkins School of Public Health, Johns Hopkins University, Baltimore, MD, USA. Parental prenatal occupational exposures and risk for ASD. Completed 2016.

Therese Koops Grønborg, Dept of Biostatistics, Institute of Public Health, University of Aarhus, Aarhus, Denmark.

Hjordis Attladottir. Institute of Public Health, University of Aarhus, Aarhus, Denmark. Dissertation: Immune function in autism. **Winner of the Bagger-Sørensen Foundation's Talent Prize 2014 for her research in autism.**

Lene Hjort. Institute of Public Health, University of Aarhus, Aarhus, Denmark. Dissertation: A Danish Population-Based Cohort Study of Autism: The Interaction of Sex, Pregnancy Risk Factors, and Family History in the Age at Diagnosis, Aetiology, Clinical Phenotype, and Co-morbidity profile of Autism.

Dorte Hvidtjørn. Institute of Public Health, University of Aarhus, Aarhus, Denmark. Completed June 2009. Dissertation: Cerebral palsy and autism spectrum disorders in children born after artificial reproductive techniques (ART).

Allison Curry, Rollins School of Public Health, Emory University, Atlanta, USA. Completed May 2007. Dissertation: Early and mid-gestation maternal plasma cytokines in term pregnancy and in association with spontaneous preterm delivery

Anjali Deshpande, Rollins School of Public Health, Emory University. Completed May 2001. Dissertation: The maternal immune response during pregnancy: natural history during full-term pregnancy and association with preterm birth.

PEER REVIEW ACTIVITIES

Professional journals: New England Journal of Medicine, JAMA, British Medical Journal, Nature Aging, JAMA Psychiatry, JAMA Pediatrics, JAMA Network Open, 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).

Reviewer for abstracts submitted for presentation at professional society meetings: International Meeting for Autism Research; Society for Pediatric Epidemiologic Research

RESEARCH LEADERSHIP

Invited contributor to COVID 19 commentary compiled by Autism Research: Perspectives from Around the Globe. Contribution entitled: Consequences of SAR-CoV-2 (COVID-19) Pandemic on ASD Epidemiology. Authors: Dani Fallin, Heather Volk and Diana Schendel. 27 June 2020. <https://doi.org/10.1002/aur.2329>

2019-present, Joint PI NIH R01 HD098883-01 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

2017-present, Joint PI NIH R01 ES026993, Pollution and Neurodevelopment in Denmark (PANDa). Air-pollution risk for Autism and ADHD - cross-disorder insights and genetic liability.

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

2015-2018, Denmark PI and 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

2012-present, co-Director, NIH Autism Center of Excellence, Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network.

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)

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. Completed.

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

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. Completed.

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

HISTORY OF KEY ACTIVITIES IN ENVIRONMENTAL HEALTH

Environmental Public Health Surveillance

Invited participant in the Workshop Series, 1996, Atlanta, GA, designed to develop guidelines for planning, developing and conducting environmental public health surveillance. Co-sponsors: The National Center for Environmental Health, CDC, Council of State and Territorial Epidemiologists and the National Environmental Health Association.

The Woburn Environment and Birth Study

Member of research team to examine the reproductive health of a Boston suburban community in relation to exposure to environmental waste; conducted under agreement between the Massachusetts Department of Health and the Centers for Disease Control and

Prevention. Responsible for the conduct of all epidemiologic data analysis, supervision of reproductive outcome data collection and, with other team members, interpretation and written report of study results for epidemiologic peer review and publication.

GRADUATE STUDIES RESEARCH ACTIVITIES

The Samoan Migration Project

As part of graduate training, was member of research team to examine the health effects of migration and urbanization among Samoans, a native Pacific Islander population. Investigated risk factors for obesity and high blood pressure in children and adults. In Western Samoa, 1984-85, was responsible for all field work activities involved in the collection of socioeconomic, dietary, physical activity and health data.

Dissertation: Sex Differences in Factors Associated with Body Fatness Among Western Samoans. The purpose of the study was to examine the differences between Western Samoan men and women in the relationships among socioeconomic characteristics, diet, activity and body composition variation with urbanization.

Dissertation Grants:

The National Science Foundation	1984-85	Dissertation Improvement Grant
Wenner-Gren Foundation for Anthropological Research	1984-85	Research Grant

Biological Aging in a Native High Altitude Population

As part of graduate training, was member of a research team conducting a biomedical study of the aging process in a high altitude Tibetan population. In Nepal, 1981 collected activity and physical fitness data among native Tibetan villagers residing at high altitude.

REPORTS

Profiling availability and needs in services for autistic adults in Denmark: Danish results from the Autism Spectrum Disorder in the European Union (ASDEU) survey, 2017. 2020; D Schendel, C Warberg, S Cramer, A Bo; Aarhus University. Funded by Sofiefonden.

Neonatal Encephalopathy and Neurologic Outcome, Second Edition. 2014. Report of the American College of Obstetricians and Gynecologists' Task Force on Neonatal Encephalopathy: Mary E. D'Alton, MD, Chair; Gary D.V. Hankins, MD, Vice Chair; Richard L. Berkowitz, MD; Jessica Bienstock, MD, MPH; Alessandro Ghidini, MD;

Jay Goldsmith, MD; Rosemary Higgins, MD; Thomas R. Moore, MD; Renato Natale, MD; Karin B. Nelson, MD; Lu-Ann Papile, MD; Donald Peebles, MD; Roberto Jose Romero, MD; Diana Schendel, PhD; Catherine Yvonne Spong, MD; Richard N. Waldman, MD; Yvonne Wu, MD, MPH; and the American College of Obstetricians and Gynecologists' staff: Gerald F. Joseph Jr, MD; Debra Hawks, MPH; Alyssa Politzer, MA; Chuck Emig, MA; and Kelly Thomas.

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 REPORT (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 Homs, 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.

PUBLICATIONS

Link to My Bibliography:

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Book Chapters and Journal Articles

Submitted for peer review

Avlund SH, Schendel D, Thomsen PH, Jørgensen M, Carlsem AH, Clausen L. Quality of life in adolescents and young adults with autism spectrum disorder.

Pereira G, Frances RW, Gissler M, Hansen S, Kodesh A, Leonard H, Levine SZ, Parner E, Regan AK, Reichenberg A, Sandin S, Souminen A, Windham G, Schendel D. Interpregnancy interval and Autism Spectrum Disorder: a multi-national retrospective cohort study.

Schendel D, Laursen T, Albinina C, Vilhjalmsson B, Ladd-Acosta C, Fallin D, Benke K, Lee B, Grove J, Kalkbrenner A, Ejlskov L, Hougaard D, Bybjerg-Grauholm J, Bækvad.Hansen M, Børnglum AD, Werge T, Nordentoft M, Mortensen PB, Agerbo E. The autism polygenic score and psychiatric family history in risk for autism. Submitted to JAMA Pediatrics 2020.

Micai M, Ciaramella A, Salvitti T, Fulceri F, Fatta LM, Poustka L, Diehm R, Iskrov G, Stefanov R, Guillon Q, Rogé B, Staines A, Sweeney MR, Boilson AM, Leósdóttir T, Saemundsen E, Moilanen I, Ebeling H, Yliherva A, Gissler M, Parviainen T, Tani P, Kawa R, Vicente A, Rasga C, Budişteanu M, Dale I, Povey C, Flores N, Jenaro C, Monroy ML, García Primo P, Charman T, Cramer S, Warberg CK, Canal-Bedia R, Posada M, Scattoni ML, Schendel D. Autistic adult health and professional perceptions of it: evidence from the ASDEU project. Submitted to Autism Research 2020.

In press or published

Ejlskov L, Wulff JN, Kalkbrenner A, Ladd-Acosta C, Fallin D, Agerbo E, Mortensen PB, Lee BK, Schendel D. Prediction of autism risk from family medical history data using machine learning: a national cohort study from Denmark. Accepted Biological Psychiatry Global Open Science, 2021.

Scattoni ML, Micai M, Ciaramella A, Salvitti T, Fulceri F, Fatta LM, Poustka L, Diehm R, Iskrov G, Stefanov R, Guillon Q, Rogé B, Staines A, Sweeney MR, Boilson AM, Leósdóttir T, Saemundsen E, Moilanen I, Ebeling H, Yliherva A, Gissler M, Parviainen T, Tani P, Kawa R, Vicente A, Rasga C, Budişteanu M, Dale I, Povey C, Flores N, Jenaro C, Monroy ML, Primo PG, Charman T, Cramer S, Warberg CK, Canal-Bedia R, Posada M, Schendel D. Intervention services for autistic adults: An ASDEU study of autistic adults, carers, and professionals' experiences. JADD 2021 (in press).

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Toft G, Liu C, Menon J, Schendel D, Loss G, Ehrenstein V. Assessment of Educational Attainment and Employment Among Individuals With Autism Spectrum Disorder in Denmark. JAMA Pediatr. 2021 Apr 5. doi: 10.1001/jamapediatrics.2021.0124. Epub ahead of print. PMID: 33818591.

Avlund SH, Thomsen PH, Schendel D, Jørgensen M, Clausen L. Factors associated with a delayed autism spectrum disorder diagnosis in children previously assessed on suspicion of

autism. *Journal of Autism and Developmental Disorders* 2020: 1-14. DOI 10.1007/s10803-020-04849-x.

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Madley-Dowd P, Kalkbrenner AE, Heuvelman H, Heron J, Zammit S, Rai D, Schendel D. Maternal smoking during pregnancy and offspring intellectual disability: sibling analysis in an intergenerational Danish cohort. *Psychol Med*. 2020 Oct 14:1-10. doi: 10.1017/S0033291720003621. Online ahead of print.

Avlund SH, Thomsen PH, Schendel D, Jørgensen M, Clausen L. Time trends in diagnostics and clinical features of young children referred on suspicion of autism: a population based clinical cohort study, 2000-2010. *Journal of Autism and Developmental Disorders* 2020; <https://doi.org/10.1007/s10803-020-04555-8>

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Dalsgaard S, Thorsteinsson E, Trabjerg B, et al. A comprehensive nationwide study of the incidence of the full spectrum of diagnosed mental disorders in childhood and adolescence. *JAMA Psychiatry*. 2019 Nov 20. doi: 10.1001/jamapsychiatry.2019.3523. [Epub ahead of print]

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Xie S, Karlsson H, Dalman C, Widman L, Rai D, Gardner RM, Magnusson C, Schendel DE, Newschaffer CJ, Lee BK. Family history of mental and neurologic disorders and risk of autism. *JAMA Netw Open.* 2019 Mar 1;2(3):e190154. doi: 10.1001/jamanetworkopen.2019.0154.

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Published Abstracts and Conference Presentations

Exploratory study of impact of maternal medication on neonatal epigenomes. Starnawska A, Hannon E, Thisted Horsdal H, Janecka M, Grove J, Mors O, Børglum A. D, Bybjerg-Grauholm J, Heine Staunstrup N, Buxbaum J, Reichenberg A., Agerbo E, Mill J, Schendel D. Oral presentation, Virtual INSAR 2021.

Intervention services for autistic adults: An ASDEU study of autistic adults, carers, and professionals' experiences. Micai M, Ciaramella A, Salvitti T, Fulceri F, Fatta LM, Poustka L, Diehm R, Iskrov G, Stefanov R, Guillon Q, Rogé B, Staines A, Sweeney MR, Boilson AM, Leósdóttir T, Saemundsen E, Moilanen I, Ebeling H, Yliherva A, Gissler M, Parviainen T, Tani P, Kawa R, Vicente A, Rasga C, Budişteanu M, Dale I, Povey C, Flores N, Jenaro C, Monroy ML, García Primo P, Charman T, Cramer S, Warberg CK, Canal-Bedia R, Posada M, Scattoni ML, Schendel D. Poster presentation, Virtual INSAR 2021.

Optimal interpregnancy interval in Autism Spectrum Disorder: a multi-national retrospective cohort study of a modifiable risk factor. Pereira G, Francis RW, Gissler M, Hansen SN, Kodesh A, Leonard H, Levine SZ, Mitter VR, Parner ET, Regan A, Reichenberg A, Sandin S, Suominen A, Schendel D. Oral presentation, Virtual INSAR 2021.

Quality of life and associated factors in adolescents and young adults with autism spectrum disorder: evaluation of self- and parent-reports in a Danish clinical cohort of autistic youth followed for 8-18 years. Avlund SH, Schendel D, Thomsen PH, Jørgensen M, Carlsen AH, Clausen L. Poster presentation, Virtual INSAR 2021.

Autistic Adult Services Availability and User Experiences in the EU: Results from the Autism Spectrum Disorder in the European Union (ASDEU) Survey on Residential, Employment, Educational, Financial and Social Services. DE Schendel, A Staines, E Saemundsen, M Gissler, T Leosdottir, M Micai, ML Scattoni, A Ciaramella, MR Sweeney, AM Boilson, I Moilanen, HE Ebeling, A Yiherva,, T Parviainen, P Tani, R Kawa, AM Vicente, B Roge, Q Guillon, R Stefanov, G Iskrov, R Diehm, L Poustka, C Rasga, M Efrim-Budisteneau, I Dale, C Povey, N Flores, C Jenaro, ML Monroy, S Cramer, C Warberg, M Posada. INSAR 2020 Virtual Meeting

Early Detection, Diagnosis and Intervention Services for Young Children with Autism Spectrum Disorder across Regions of Europe According to the Gross Domestic Product (GDP). Á Bejarano, R Canal-Bedia, MM Maganto, CJF Alvarez, MVM Cilleros, MC Sánchez Gómez, P García-Primo, MR Sweeney, AM Boilson, R Linertova, H Roeyers, S Van der Paelt, D Schendel, C Warberg, S Cramer, A Narzisi, F Muratori, ML Scattoni, I Moilanen, A Yliherva, E Saemundsen, SL Jonsdottir, M Efrim-Budisteneau, A Arghir, S Mihaela Papuc, AM Vicente, C Rasga, B Roge, Q Guillon, S Baduel, J Xenia Kafka, L Poustka, O Kothgassner, R Kawa, E Pisula, T Sellers, M Posada. INSAR 2020 Virtual Meeting

The Family Morbidity Risk Score for Autism. L Ejlskov, J Wulff, A Kalkbrenner, C Ladd-Acosta, MD Fallin, B Lee, D Schendel. INSAR 2020 Virtual Meeting

Role of Polygenic Risk on the Association of Maternal Smoking in Pregnancy with Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder. K Benke, A Kalkbrenner, C

Ladd-Acosta, C Zheng, GA Henion, T Jenson, G. Henion, T. E. Jenson, B. Vilhjalmsson, C. Albiñana Climent, M. D. Fallin, C. B. Pedersen, S. Dalsgaard, P. Mortensen and D. Schendel
INSAR 2020 Virtual Meeting

M Janecka, A Kodesh, S Levine, DE Schendel, JD Buxbaum, S Sandin, A Reichenberg. The Etiological Relationships between Maternal Health and Autism Spectrum Disorder, INSAR 2020 Virtual Meeting

Major life transitions for autistic adults: good practices, gaps in services, areas that need improvement. Célia Rasga, Maria Luisa Scattoni, Martina Micai, Antonio Ciaramella, Luise Poustka, Robert Diehm, Georgi Iskrov, Rumen Stefanov, Lucie Bouvet, Bernadette Rogé, Anthony Staines, Mary Rose Sweeny, Andrew Martin Boilson, Thora *Leósdóttir*, Evald Saemundsen, Irma Moilanen, Mika Gissler, Tarja Parviainen, Pekka Tani, Rafal Kawa, Magdalena *Budişteanu*, Ian Dale, Carol Povey, Noelia Flores, Cristina Jenaro Maria Luisa Monroy, Praticia García Primo, Susanne Cramer, Christine Kloster Warberg, Manuel Posada Astrid Vicente & Diana Schendel Poster presentation at Autism-Europe International Conference, Nice, France, Sept 2019.

Autistic adult diagnosis, comorbidity and interventions: good practices, gaps in services, areas needing improvement. Célia Rasga, Maria Luisa Scattoni, Martina Micai, Antonio Ciaramella, Luise Poustka, Robert Diehm, Georgi Iskrov, Rumen Stefanov, Lucie Bouvet, Bernadette Rogé, Anthony Staines, Mary Rose Sweeny, Andrew Martin Boilson, Thora *Leósdóttir*, Evald Saemundsen, Irma Moilanen, Mika Gissler, Tarja Parviainen, Pekka Tani, Rafal Kawa, Magdalena *Budişteanu*, Ian Dale, Carol Povey, Noelia Flores, Cristina Jenaro Maria Luisa Monroy, Praticia García Primo, Susanne Cramer, Christine Kloster Warberg, Manuel Posada Astrid Vicente & Diana Schendel Poster presentation at Autism-Europe International Conference, Nice, France, Sept 2019.

Risks for co-occurring psychiatric, neurologic, birth defect, cardiometabolic, autoimmune, asthma and allergic conditions in autistic persons. DE Schendel, Linda Ejlskov, Morten Overgaard, Erik Parner. Oral symposium presentation at Autism-Europe International Conference, Nice, France, Sept 2019.

Panel organizer: Leveraging Polygenic Risk Scores to Advance Autism Epidemiology. INSAR 2019, Montreal, Canada, May 2019.

Polygenic Risk Score and Psychiatric Family History in Autism Spectrum Disorder. At: Panel - Leveraging Polygenic Risk Scores to Advance Autism Epidemiology. INSAR 2019, Montreal, Canada, May 2019

Cross-disorder investigation of environmental associations with autism spectrum disorder and attention deficit hyperactivity disorder. Kalkbrenner A. et al. Poster presentation at INSAR 2019, Montreal, Canada, May 2019.

Rare epigenic variations in autism spectrum disorder Janecka M et al. Poster presentation at INSAR 2019, Montreal, Canada, May 2019.

Birth seasonality and risk of autism spectrum disorder. Lee BK et al. Poster presentation at INSAR 2019, Montreal, Canada, May 2019.

Epidemiologic insights drawn from total population registry-based research. At: Symposium - My breadth is better than your depth, OR, Can we get the best of both? Lessons and opportunities for causal inference integration across study designs from behavioral and mental health. Society for Epidemiologic Research, Annual Meeting. Baltimore, MD 22 June 2018.

The ASDEU multi-site survey of services for autistic adults in Europe, focusing on customer services practices in adult services. Schendel DE, Warberg CK, Cramer S. 2018 Poster presentation at IMFAR 2018, Rotterdam, Netherlands, May 2018.

Services and care for adults with autism spectrum disorder in the European Union: a multi-site assessment by the ASDEU consortium. Schendel DE, Warberg CK, Cramer S, Poustka L, Diehm R, Iskov G, Stefanov R, Bouvet L, Rogé B, Staines A, Sweeny MR, Boilson A, Leósdóttir T, Saemundsen E, Scattoni ML, Moilanen I, Gissler M, Parviainen T, Tani P, Kawa R, Vicente A, Rasga C, Efrim M, Dale I, Povey C, Flores N, Jenaro C, Monroy ML, Garcia-Primo P, Posada-de La Paz M. **Organizer and presenter** in the symposium: ASD in adolescence and adulthood: research needs to inform our practice. 17th International Conference of ESCAP, Geneva Switzerland, July 2017.

Familial Confounding of the Association between Maternal Smoking in Pregnancy and Autism in Offspring. SM Meier, AE Kalkbrenner, C Ladd-Acosta, MD Fallin, E Parner, D Schendel. Poster presentation at IMFAR 2017, San Francisco, CA, USA.

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ASD Prevalence Study across Europe: Strategy and design based on two different methodologies P. García Primo, A. Vicente, D. Schendel, E. Parner, C. Rasga, C. Café, B. Rogé, C. Arnaud, E. Saemundsen, F. Muratori, A. Narzisi, A. Boilson, G. Oliveira, J. Fuentes, L. Poustka, M.L Scattoni, M. Gissler, M.R. Sweeny, M. Efrim, Rafal Kawa, R. Canal-Bedia, R. Stefanov, ME Van Bakel, M. Posada. Poster presentation at IMFAR 2017, San Francisco, CA, USA.

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Services and care for adults with autism spectrum disorder in the European Union: a multi-site assessment by the ASDEU consortium. Schendel DE, Warberg CK, Bach C, Diehm R, Iskrov G, Stefanov R, Bouvet L, Rogé B, Staines A, Sweeny MR, Leósdóttir T, Saemundsen E, Muratori F, Moilanen I, Gissler M, Parviainen T, Tani P, Kawa R, Vicente A, Efrim M, Dale I, Povey C, Flores N, Jenaro C, Monroy ML, Garcia-primo P, Posada-de La Paz M. S7 Symposia: Management of challenging behavior, eating/feeding disorders. XI Autism-Europe International Congress, Edinburgh, Scotland, 16 September 2016

ASDEU: Services and care for adults with autism spectrum disorder. Panel Discussion 8: ASDEU and EU AIMS research projects: results and future impact. XI Autism-Europe International Congress, Edinburgh, Scotland, 17 September 2016.

ASD Prevalence Study across Europe: Strategy and design based on two different methodologies P. García Primo, A. Vicente, B. Rogé, C. Arnaud, D. Schendel, E. Saemundsen, F. Muratori, J. Fuentes, L. Poustka, M.L Scattoni, M. Gissler, M.R. Sweeny, M. Efrim, Rafal Kawa, R. Canal-Bedia, R. Stefanov, M. Posada. Poster to be presented the XI Autism-Europe International Congress, Edinburgh, Scotland, September 2016.

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