

## **Sebastian Lundström**

Year of birth: 1980

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### **Affiliations:**

University of Gothenburg, Institute of Neuroscience and Physiology, Gillberg Neuropsychiatry Centre

Lund University, Department of Clinical Sciences, Child and Adolescent Psychiatry

### **Education**

2021 – Ongoing, Associate Professor in child and adolescent psychiatry, Institute of Neuroscience and Physiology, University of Gothenburg

2014 - 2021, Assistant Professor, Gillberg Neuropsychiatry Centre, University of Gothenburg

2012-2014, Post-doctoral position, Gillberg Neuropsychiatry Centre, University of Gothenburg

2011, PhD, Lund University, faculty opponent Professor Niels Bilenberg

2010, Licensed psychologist

2007, Accepted as a PhD student at Lund University

2007, Master in Psychology, Lund University

2002, Accepted at the Masters programme in Psychology, Lund University

2000, Upper secondary school, social science oriented programme, Nicolaiskolan Helsingborg, Sweden

1999, Honorary graduation, Mt. Vernon High School, IN, USA.

### **Experience**

2018, Researcher at the Institute of Neuroscience and Physiology, University of Gothenburg (ongoing)

2018, Clinical psychologist at Child Neuropsychiatry Clinic, Malmö. Assessment of children (0-6) referred for a possible neurodevelopmental disorder (ongoing),

2015, Co-principal investigator of CATSS-24, a nation-wide twin study.

2014-2018, Assistant professor at the Institute of Neuroscience and Physiology, University of Gothenburg

2013, Coordinator for the 9, 15, 18 and 24 year old follow-up of the Child and Adolescent twin Study in Sweden (CATSS)

2012-2014, Post doctoral researcher at Gillberg Neuropsychiatry Centre, Gothenburg

2009, Researcher at the Swedish Prison and Probation Services (Kriminalvården)

2009, Co-principal investigator of CATSS-18, a nation-wide twin study.

2007-2008 PTP psychologist, Forensic Psychiatric Clinic, Malmö University Hospital

2006, Coordinator for Developmental Outcomes of neurodevelopmental problems in a Genetic twin Study in Sweden (DOGSS) (completed).

2005-2006, Worked at the forensic psychiatric clinic in Malmö as an attendant.

2005, Psychological candidate at the forensic psychiatry clinic in Malmö.

### **Teaching**

2014-ongoing Taught at the medical School in Gothenburg, AUTISM

“AUTISMSPEKTRUMSTÖRNING: GENETIK, PATOFYSIOLOGI OCH LÄKEMEDELSBEHANDLING”

2013- 2015, Teacher on the Master level at the psychology programme at the University of Gothenburg, “ASDs a continuous traits into the normal population”.

2012-2013 Teacher at Malmö Högskola (Malmö College, Sweden) responsible for the subject “Causality and Criminality, statistical and philosophical aspects of causality”.

2008 - 2015 Teacher at Malmö Högskola (Malmö College, Sweden) responsible for the subject “AD/HD and the relationship to criminality” (continuous seminars).

### **Miscellaneous**

2021, Author of National Guidelines for Assessment and Treatment of Autism Spectrum Disorders (SfBUP).

2018, Autism Diagnostic Observation Schedule-2 certified

2011-2013, Secreterial assistant for the scientific council of the Swedish Prison and Probation Services

2010, Diagnostic Interview for Social and Communication disorders (DISCO) certified

2009, Attended SDGP:s summer school aimed at Multivariate and Bivariate modelling with twin data

2008, Children´s Global Assessment Scale certified.

2007, Autism Diagnostic Interview – revised (ADI-R) certified.

2007-2011, Board member in the Swedish Philosophy and Psychiatry Association.

Experienced user of the statistical programme SAS.

### **Editorial Board assignments**

2021- Ongoing, BMC Psychiatry,

2016-2019, Scientific reports, Nature Publishing Group: Neuroscience

### **Review assignments 2013 - ongoing**

American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, Biological Psychiatry, BMJ, BMJ Open, BMC Psychiatry

International Journal of Law and Psychiatry , JAMA Psychiatry, Journal of Child Psychology and Psychiatry, Molecular Autism, Pediatrics, Psychological Medicine, Research in Autism Spectrum Disorders

### **Awards**

Life Watch Young Autism Researcher Award, 2013

### **Funding**

#### *Main Applicant*

ALF. Region Skåne (1 200 000 SEK) DNR 2022-Projekt0113

Younger ALF - Region Västra Götaland (900 000 SEK). The application was ranked #1 of all judged applications. DNR ALFGBG-776031

Swedish Research Council, Developmental trajectories of autism and the increasing prevalence of psychiatric problems, (3 600 000 SEK) DNR 2017-02552

Dahréns stiftelse 2017, (100 000 SEK)

Söderström Königska 2013-2014, (500 000 SEK)

Scholar, Lundbeck Stiftelsen 2012, (100 000 SEK)

Swedish prison and Probation Services 2010, (2 700 000 SEK)

Regional research funding 2008, (310 000 SEK)

### *Co-Applicant*

EU Marie-Curie European Training Network grant for 'CAPICE'. One doctoreal student fully financed.

FORTE, *Identifying environmental and genetic risks for the development of childhood mental health problems using a large, longitudinal and genotyped twin sample: The CATSS study*

(2 730 000 SEK) DNR: 2014-0834

Torsten Söderberg, 2013: (1 800 000 SEK)

RMV 2009, (100 00 SEK)

RMV 2007, (140 000 SEK)

Systembolaget 2007, (180 000 SEK)

RMV 2006, (120 000 SEK)

### **Pedagogic courses**

2017, "Teaching and Learning in Higher Education 1: basic course" (HPE101), University of Gothenburg

2012, "Teaching and Learning in Higher Education" (HPE102), University of Gothenburg

2011, "Supervising in postgraduate programmes" (HPE201), University of Gothenburg

### **Supervising**

#### **Phd:**

2023, Main Supervisor for Olof Arvidsson (ongoing)

2022, Main supervisor for Caroline Mårland, PhD-thesis (completed)

2021, Main supervisor for Sabrina Doering, PhD-thesis (completed)

2022, Co-supervisor for Ashley Thompson, PhD-thesis (completed)

2022, Co-supervisor for Darko Sarovic, PhD-thesis (completed)

2021, Co-supervisor for Lisa Dinkler, PhD- thesis (completed)

2013, Co-supervisor for Tomas Larson, PhD-thesis (completed)

2016, Co-supervisor for Martin Cederlöf, PhD-thesis (completed)

#### **Postgraduate specialist essay:**

2021, Tutor for Per-Anders Andersson (completed)

2021, Tutor for Kristina Jönsson & Anna Nergaard (completed)

2022, Tutor for Katalin Niklasson (completed)

2023, Tutor for Alen Salkic (ongoing)

#### **Master:**

2020, Co-supervisor for Freddie Östersjö, Master-thesis (completed)

2017, Tutor for Elin Vestin, Master-thesis (completed)

2017, Tutor for Simon Erling, Master-thesis (completed)

2017, Tutor for Marie Alice Ingabire, Master-thesis, (completed)

2016, Tutor for Olof Arvidsson, Master thesis (completed)

2016, Tutor for Fernanda Parra & Malin Wass (completed)

2013, Tutor for Charlotte Särneö, Master thesis (completed)

2013, Tutor for Sami Khorasanni, Master thesis (completed)

2012, Tutor for Caroline Mårland, Master Thesis (completed)

2012, Tutor for Hamid-Rezan Amini, Master thesis (completed)

### **Faculty opponent for the degree of philosophiae doctor**

Helene Barone Halleland, University of Bergen. Executive Functioning in adult Attention Deficit Hyperactivity Disorder (ADHD): From basic mechanisms to functional outcome. 2014-09-18

### Peer-reviewed Publications

1. Mårland, C., Nilsson, T., Larsson, H., Gillberg, C., Lubke, G., & **Lundström S.** Measuring autism in males and females with a differential item functioning approach: Results from a nation-wide population-based study. *Psychiatry Research*. Accepted
2. Doering, S., Halldner, S., Larsson, H., Gillberg, C., Kuja-Halkola, R., Lichtenstein, P., & **Lundström, S.** Childhood-onset versus adolescent-onset anxiety and depression: epidemiological and neurodevelopmental aspects. *Psychiatry Research*. Accepted
3. Doering, S., Larsson, H., Halldner, L., Gillberg, C., Kuja-Halkola, R., & **Lundström, S.** Internalizing symptoms in adolescence are modestly affected by symptoms of anxiety, depression, and neurodevelopmental disorders in childhood. *BMC Psychiatry*. Accepted
4. Hildebrand-Karlen, M., Lindkvist-Bagge, A., Bergren, U., Fahlke, C., Andine, P., Doering, S., & **Lundström, S.** Prevalence and heritability of alcohol use disorders in 18-year old Swedish twins. *Nordic Studies on Alcohol and Drugs*. Accepted
5. **Lundström, S.**, Taylor, M., Larsson, H., Lichtenstein, P., Kuja-Halkola, R., & Gillberg, C. Perceived child impairment and the 'autism epidemic'. *Journal of Child Psychology and Psychiatry*. Accepted
6. Åsberg, J., Yngvesson, P., Billstedt, E., Gillberg, C., Halldner, L., Råstam, M., Gustafsson, P., Noren Selinus, E., Lichtenstein, P., Hellner, C., Anckarsäter, H., & **Lundström, S.** The relationship between intelligence and global adaptive functioning in young people with or without neurodevelopmental disorders. *Psychiatry Research*. 2021 Sep;303:114076.
7. Doering, S., Gillberg, C., Lichtenstein, P., Kuja-Halkola, R., & **Lundström, S.** Internalizing and neurodevelopmental problems in young people: educational outcomes in a large population-based cohort of twins. *Psychiatry Research*. Accepted
8. Kaltenecker, H., Doering, S., Gillberg, C., Wennberg, P., & **Lundström, S.** Low prevalence of risk drinking in adolescents and young adults with autism spectrum problems. *Addictive Behaviors*. Accepted
9. Dinkler, L., Taylor, M., Råstam, M., Hadjikhani, N., Bulik, C., Lichtenstein, P., Gillberg, C., & **Lundström, S.** Anorexia nervosa and autism: A prospective Twin cohort study. *Journal of Child Psychology and Psychiatry*. Accepted
10. Taylor, M., Rosenqvist, M., Larsson, H., Gillberg, C., DÓnofrio, B., Lichtenstein, P., & **Lundström, S.** Consistent etiology of autism spectrum disorders and autistic traits over time: a population-based twin study of birth cohort effects. *JAMA Psychiatry*. Accepted

11. Dinkler, L., Taylor, M., Råstam, M., Hadjukhani, N., Bulik, C., Lichtenstein, P., Gillberg, C., & **Lundström, S.** Association of etiological factors across the extreme end and continuous variation in disordered eating in female Swedish twin. *Psychological Medicine*. Accepted.
12. Doering, S., Lichtenstein, P., Hillberg, C., Middeldorp, C., Bartels, M., Kuja-Halkkola, R., & **Lundström, S.** Anxiety at Age 15 Predicts Psychiatric Diagnoses and Suicidal Ideation in Late Adolescence and Young Adulthood: Results From Two Longitudinal Studies. *BMC Psychiatry*. Accepted.
13. Mårland, C., Lubke, G., Degl'Innocenti, A., Råstam, M., Gillberg, C., Nilsson, T., & **Lundström, S.** The development of a brief screener for autism using item-response theory. *BMC Psychiatry*. Accepted.
14. **Lundström, S.**, Mårland, C., Kuja-Halkkola, R., Anckarsäter, H., Lichtenstein, P., Gillberg, V., & Nilsson, T. Assessing autism in females: the importance of a sex-specific comparison. *Psychiatry Research*. 2019. In press
15. Taylor, M., Larsson, H., Gillberg, C., Lichtenstein, P., & **Lundström, S.** Investigating the childhood symptom profile of individuals diagnosed with ADHD as adults. *Journal of Child Psychology and Psychiatry*. 2018. Mar;60(3):259-266.
16. Arvidsson, O., Gillberg, C., Lichtenstein, P., & **Lundström, S.** Secular changes on the symptom level of clinically diagnosed autism. *Journal of Child Psychology and Psychiatry*. 2018 Jul;59(7):744-751.
17. Mårland, C., Lichtenstein, P., Degl'Innocenti, A., Larson, T., Råstam, M., Anckarsäter, H., Gillberg, C., Nilsson, T., & **Lundström, S.** The Autism-Tics, ADHD and other Comorbidities inventory (A-TAC): Previous and Predictive Validity. *BMC Psychiatry*. 2017 Dec 16;17(1):403.
18. Taylor, M., Gillberg, C., Lichtenstein, P., & **Lundström, S.** Etiological influences on the stability of autistic traits from childhood to early adulthood: evidence from a twin study. *Molecular Autism*. 2017 Feb 17;8:5. doi: 10.1186/s13229-017-0120-5.
19. **Lundström, S.**, Reichenberg, A., Anckarsäter, H., Lichtenstein, P., & Gillberg, C. Autism phenotype versus registered diagnosis in Swedish children: prevalence trends over 10 years in general population samples. *BMJ*. 2015;350:h1961
20. **Lundström, S.**, Reichenberg, A., Melke, J., Råstam, M., Kerekes, N., Lichtenstein, P., Gillberg, C., & Anckarsäter, H. Autism Spectrum Disorders and Coexisting Disorders in a Nationwide Swedish Twin Study. *Journal of Child Psychology and Psychiatry*. Jun 2014;56(6):702-10.
21. Larson, T., Kerekes, N., Norén Selinus, E., Lichtenstein P., Anckarsäter, H., Nilsson, T., & **Lundström, S.** Reliability of the Autism - Tics, ADHD and other Comorbidities inventory (A-TAC) in a test-retest design. *Psychological Reports*. 2014 Feb;114(1):93-103

22. **Lundstrom, S.**, Chang, Z., Råstam, M., Gillberg, C., Larsson, H., Anckarsäter, H., Lichtenstein, P. Autism spectrum disorders and autistic-like traits: similar etiology in the extreme end and the normal variation. *Archives of General Psychiatry*, 2012; 69(1):46-52
23. **Lundström, S.**, Chang, Z., Kerekes, N., Gumpert, CH., Råstam, M., Gillberg, C., Lichtenstein, P., & Anckarsäter, H. Autistic-like traits and their association with mental health problems in two nationwide twin cohorts of children and adults. *Psychological Medicine*. 2011 Nov;41(11):2423-33.
24. **Lundstrom, S.**, Haworth, CM., Carlstrom, E., Gillberg, C., Mill, J., Råstam, M., Hultman, C., Ronald, A., Anckarsäter, H., Plomin, R., Lichtenstein, P., Reichenberg, A. Trajectories leading to autism spectrum disorders are affected by paternal age: findings from two nationally representative twin studies. *Journal of Child Psychology and Psychiatry*. Jul 2010;51(7):850-856.
25. **Lundström, S.**, Forsman, M., Larson, H., Kerekes, N., Serlachius, E., Långström, N., & Lichtenstein, P. Childhood Neurodevelopmental Disorders and Violent Criminality—A Sibling Control Study. *Journal of Autism and Developmental Disorders*. 2014 Nov;44(11):2707-16.
26. Garcia, D., Anckarsäter, H., & **Lundström, S.** Self-directedness and Cooperativeness and psychosocial dysfunctioning and suffering in ESSENCE. *The Scientific World Journal*. 2013 Apr 28;2013:416981.
27. Pan, PY., Taylor, M., Larsson, H., Almqvist, C., Lichtenstein, P., **Lundström, S.**, & Bölte, S. Genetic and Environmental Contributions to Co-occurring Physical Health Conditions in Autism Spectrum Condition and Attention-Deficit/Hyperactivity Disorder. *Molecular Autism*. Accepted
28. Nilsson, A., Kuja-Halkola, R., Lichtenstein, P., **Lundström, S.**, Fatouros-Bergman, H., Jayram-Lindström, N., Molero, Y. The Genetics of Gaming: a Longitudinal Twin Study. *JCPP Advances*. Accepted
29. Jonsson, L., Martin, J., Lichtenstein, P., Magnusson, P., Lundström, S., Westberg, L., Tammimies, K. Examining neurodevelopmental problems in 15q11.2(BP1-BP2) copy number variation carriers at ages 9/12 and 18 in a Swedish twin sample. *Molecular Genetics & Genomic Medicine*. Accepted
30. Dinkler, L., Wronski, Marie-Louis., Lichtenstein, P., **Lundström, S.**, Larsson, H., Micali, N., Taylor, M., & Bulik, C. Genetic and environmental etiology of the broad avoidant restrictive food intake disorder phenotype in 6- to-12-year-old Swedish twins. *JAMA Psychiatry*. Accepted
31. Ojala, O., Kuja-Halkola, R., Bjureberg, J., Ohlis, A., Cederlöf, M., Noren Selinus, E., Lichtenstein, P., Larsson, H., **Lundström S.**, & Hellner, C. Associations of Impulsivity, Hyperactivity, and Inattention with Nonsuicidal Self-injury and Suicidal Behavior: Longitudinal Cohort Study Following Children at Risk for Neurodevelopmental Disorders into Mid-Adolescence. *BMC Psychiatry*. Accepted

32. Vestlund, J., Zhang, Q., Shevchouk, T.m, Hovey, D., **Lundström, S.**, Westberg, L., & Jerlhag, E. Activation of glucagon-like peptide-1 receptors reduces the acquisition of aggression-like behaviors in male mice. *Translational Psychiatry*. Accepted.
33. Martini, M., Kuja-Halkola, R., Butwicka, A., Du Rietz, E., D'Onofrio, B., Happé, F., Kanina, A., Larsson, H., **Lundström, S.**, Martin, J., Rosenqvist, M., Lichtenstein, P., & Taylor, M. Sex differences in mental health problems and psychiatric hospitalization in autistic young adults. *JAMA Psychiatry*. Accepted
34. O'Reilly, L., Elam, K.K., Quinn, P.D., Adams, S., Chirica, M.G., Klonsky, E.D., Pettersson, E., **Lundström, S.**, Larsson, H., Lichtenstein, P., D'Onofrio, B.M. Examining Protective Factors for Substance Use Problems and Self-Harm Behavior during Adolescence: A Longitudinal Co-Twin Control Study. *Development and Psychopathology*. Accepted
35. Taylor, M., Freeman, D., Lundström, S., Larsson, H., & Ronald, A. Heritability of Psychotic Experiences in Adolescents and Interaction with Environmental Risk. *JAMA Psychiatry*. Accepted
36. Chen, C., Lu, Y., **Lundström, S.**, Larsson, H., Lichtenstein, P., & Pettersson, E. Associations between psychiatric polygenic risk scores and general and specific psychopathology symptoms in childhood and adolescence: A co-twin control study. *Journal of Child Psychology and Psychiatry*. Accepted
37. Tiger, A., Ohlis, A., Bjureberg, J., **Lundström, S.**, Lichtenstein, P., Larsson, H., Hellner, C., Kuja-Halkola, R., & Jayram-Lindström, N. Childhood symptoms of Attention-Deficit/Hyperactivity Disorder and Borderline Personality Disorder. *Acta Psychiatrica Scandinavica*. Accepted.
38. Carlsson, T., Rosenqvist, M., Butwicka, A., Larsson, H., **Lundström, S.**, Pan, P-Y., Lundin Remnelius, K., Taylor, M., & Bölte, S. Association of Cumulative Early Medical Factors with Autism and Autistic Symptoms in a Population-Based Twin Sample. *Translational Psychiatry*
39. Jami, E., Hammerschlag, A., Ip, H.,...Bartels, M., & Middeldorp, C. Genome-wide Association Meta-analysis of Childhood and Adolescent Internalizing Symptoms. *Journal of American Academy of Child and Adolescent Psychiatry*. 2022 Jul;61(7):934-945
40. Tate, A., Sahlin, H., Shengxin, L., Yi, L., **Lundström, S.**, Larsson, H., Lichtenstein, P., & Kuja-Halkola, R. Borderline Personality Disorder: associations with psychiatric disorders, somatic illnesses, trauma, and adverse behaviors. *Molecular Psychiatry*
41. Marshall, J., Sörman, K., Durbeej, N., Thompson, L., Lundström, S., Minnis, H., Hellner, C., & Gillberg, C. Interpersonal trauma and its relation to childhood psychopathic traits: what does ADHD and ODD add to the equation? *BMC Psychiatry*. Accepted

42. Gong, T., Lundholm, C., **Lundström, S.**, Kuja-Halkola, R., Taylor, M., & Almqvist, C. Understanding the relationship between asthma and autism spectrum disorder: a population-based family and twin study. *Psychological Medicine*. Accepted
43. Nilsson, G., **Lundström, S.**, Fernell, E., & Gillberg, C. Neurodevelopmental problems in children with febrile seizures followed to young school age: a prospective longitudinal community-based study in Sweden. *Acta Paediatrica*. Accepted
44. Hosang, G., Martin, J., Lundström, S., Larsson, H., Ronald, A., Lichtenstein, P., & Taylor, M. Association of aetiological factors for hypomanic symptoms, bipolar disorder and other severe mental illnesses: twin and polygenic risk score analysis. *JAMA Psychiatry*. Accepted
45. Anna Rensfeldt Flink, A., Boström, P., Gillberg, C., Lichtenstein, P., **Lundström, S.**, & Åsberg Johnels, J. Exploring co-occurrence of sensory, motor and neurodevelopmental problems and epilepsy in children with severe-profound intellectual disability. *Research in Developmental Disabilities*. Accepted
46. Reed, Z., Larsson, H., Haworth, C., Rai, D., **Lundström, S.**, Ronald, A., Reichenberg, A., Lichtenstein, P., & Davis, O. Mapping the genetic and environmental aetiology of autistic traits in Sweden and the United Kingdom. *JCPP Advances*. Accepted
47. Hirvikoski, T., Billstedt, E., **Lundström, S.**, & Brar, A. Screening och utredning av adhd hos vuxna – risker med både över- och underdiagnostik. *Läkartidningen*. Accepterad.
48. Du Rietz, E., Butwicka, A., **Lundström, S.**, & Larsson, H. Adhd, somatisk samsjuklighet, och livsstilsfaktorer. *Läkartidningen*. Accepterad.
49. Jangmo, A., Brikell, I., Kuja-Halkola, R., Feldman, I., **Lundström, S.**, Almqvist C., Bulik, C., & Larsson, H. The association between polygenic scores for ADHD and school performance: The role of ADHD symptoms, polygenic scores for educational attainment, and shared familial factors. *JCPP Advances*
50. Taylor, M., Larsson, H., **Lundström, S.**, Lichtenstein, P., & Butwicka, A. Etiological links between autism and difficulties in initiating and maintaining sleep: a familial co-aggregation and twin study. *Journal of Child Psychology and Psychiatry*. Accepted
51. Ip, H., et al. Genetic Association Study of Childhood Aggression across raters, instruments and age. *Translational Psychiatry*. Accepted
52. Brimo, K., Dinkler, L., Gillberg, C., Lichtenstein, P., **Lundström, S.**, & Åsberg Johnels, J. The co-occurrence of neurodevelopmental problems in dyslexia. *Dyslexia*. Accepted
53. Taylor, M., Ronald, A., Martin, J., **Lundström, S.**, Hosang, G., & Lichtenstein, P. Examining the association between childhood autistic traits and adolescent hypomania: a longitudinal twin study. *Psychological Medicine*. Accepted.

54. Rajula, H.S.R., Manchia, M., Agarwal, K. et al. Overview of CAPICE—Childhood and Adolescence Psychopathology: unravelling the complex etiology by a large Interdisciplinary Collaboration in Europe—an EU Marie Skłodowska-Curie International Training Network. *Eur Child Adolesc Psychiatry* (2021). <https://doi.org/10.1007/s00787-020-01713-2>
55. Baldwin, J. R., Sallis, H. M., Schoeler, T., Taylor, M. J., Kwong, A. S. F., Howe, L. D., Danese, A., McCrory, E., Rijdsdijk, F., Tielbeek, J. J., Barkhuizen, W., Larsson, H., **Lundström, S.**, Karlsson, R., Lichtenstein, P., Munafò, M. & Pingault, J. B. Adverse childhood experiences and mental health: A genetically informed study. *Nature Human Behaviour*).
56. O'Reilly, L.M., Pettersson, E., Quinn, P.D., Klonsky, E.D., Baldwin, J.R., **Lundström, S.**, Larsson, H., Lichtenstein, P., & D'Onofrio, B.M.. A co-twin control study of the association between bullying victimization and self-harm and suicide attempt in adolescence. *Journal of Adolescent Health*. Accepted
57. Krebs, G., Mataix-Cols, D., Rijdsdijk, F., Rück, C., Lichtenstein, P., **Lundström, S.**, Larsson, H., Eley, T.C., & Fernández de la Cruz, L. (in press). Concurrent and prospective associations of obsessive-compulsive symptoms with suicidality in young adults: a genetically-informative study. *Journal of Affective Disorders*.
58. Virtanen, S., Andershed, H., Tuvblad, C., Clons, O., **Lundström, S.**, Larsson, H., Suvisaari, J., Lichtenstein, P., & Latvala, A.(in press) Do psychopathic personality traits in childhood predict subsequent criminality and psychiatric outcomes over and above childhood behavioral problems? *Journal of Criminal Justice*.
59. Gajwani, R., Dinkler, L., **Lundström, S.**, Lichtenstein, P., Gillberg, C., & Minis, H.(in press) Mania symptoms in a Swedish longitudinal population study: the roles of childhood trauma and neurodevelopmental disorder. *Journal of Affective Disorders*.
60. O'Reilly, L.M., Donahue, K., Pettersson, E., Klonsky, E.D., Quinn, P., **Lundström, S.**, Larsson, H., Lichtenstein, P., & D'Onofrio, B. Sexual orientation and adolescent suicide attempt and self-harm: A co-twin control design. *Journal of Child Psychology and Psychiatry*. Accepted
61. Slob, E., Krew, B., Vijverberg, S., Dijs, T., van Beijsterveldt, C., Koppelman, G., Bartels, M., Dolan, C., Larsson, H., Lundström, S., Lichtenstein, P., Gong, T., Maitland-van der Zee, A., Kraneveld, A., Almquist, C., & Boomsma, D. Early-life antibiotic use and risk of ADHD and ASD: results of a discordant twin study. *International Journal of Epidemiology*. Accepted.
62. Krebs, G., Fernandez de la Cruz, L., Rijdsdijk, F., Rautino, D., Enander, J., Ruck, C., Lichtenstein, P., **Lundström, S.**, Larsson, H., Eley, T., & Mataix-Cols, D. The association between body dysmorphic symptoms and suicidality among adolescents and young adults: a genetically-informative study. *Psychological Medicine*. Accepted

63. Sarovic, D., Hadjikhani, N., Schneiderman, J., **Lundström, S.**, & Gillberg, C. Autism classified by MRI: a pilot study of a potential diagnostic tool. *International Journal of Methods in Psychiatric Research*. Accepted
64. Virtanen, S., Kuja-Halkola, R., **Lundström, S.**, D'Onofrio, B., Larson, J., Suvisaari, J., Mataix-Cols, D., Lichtenstein, P., & Latvala, A. Longitudinal associations of childhood internalizing psychopathology with substance misuse: A register-based twin and sibling study. *Journal of the American Academy of Child and Adolescent Psychiatry*. Accepted
65. Vuoksima, E., Rose, R., Pulkkinen, L., Palviainen, T., Rimfeld, K., **Lundström, S.**, Bartels, M., van Beijsterveldt, C., Hendriks, A., de Zeeuw, E., Plomin, R., Lichtenstein, P., Boomsma, D., Kaprio, J. Higher aggression is related to poorer academic performance in compulsory education. *Journal of Child Psychology and Psychiatry*. Accepted
66. Akingbuwa, W., Hammerschlag, A., Jami, E., Allegrini, A., Karhunen, V., Sallis, H., Askeland, R., Baselmans, B., Diemer, E., Hagenbeek, F., Havdahl, A., Hottenga, J., Mbarek, H., Rivadeneira, F., Tesli, M., van Beijsterveldt, C., Breen, G., Lewis, M., Thapar, A., Boomsma, D., Kuja-Halkola, R., Reichborn-Kjennerud, T., Magnus, P., Rimfeld, K., Ystrom, E., Jarvelin, M., Lichtenstein, P., **Lundström, S.**, Munafò, M., Plomin, R., Tiemeier, H., Nivard, M., Bartels, M., Middeldorp, C., & the Bipolar Disorder and Major Depressive Disorder Working Groups of the Psychiatric Genomics Consortium. Genetic Associations Between Childhood Psychopathology and Adult Depression and Associated Traits in 42 998 Individuals: A Meta-analysis *Jama Psychiatry*. Accepted
67. Tate, A., McCabe, R., Larsson, H., **Lundström, S.**, Lichtenstein, P., & Kuja-Halkola, R. Predicting mental health problems in adolescence using machine learning techniques. *PLOS One*. Accepted.
68. Steingrimsson, S., Krage-carlsen, H., Lundström, E., **Lundström, S.**, & Nilsson, T. Problematic alcohol and drug use is associated with low self-directedness and cooperativeness. *European Addiction Research*. Accepted
69. O'Reilly, L., Quinn, P., Klonsky, D., **Lundström, S.**, Larsson, H., Lichtenstein, P., & D'Onofrio. The association between general childhood psychopathology and adolescent suicide attempt and self-harm: A prospective, population-based twin study. *Journal of Abnormal Psychology*. Accepted.
70. Luningham, M., McArthur, D., Hendriks, A., van Beijsterveldt, C., Lichtenstein, P., **Lundström, S.**, Larsson, H., Bartels, M., Boomsma, D., & Lubke, G. Data integration methods for phenotype harmonization in multi-cohort genome-wide association studies with behavioral outcomes. *Frontiers in Genetics, section Statistical Genetics and Methodology*. Accepted.
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### **Book chapters or non peer-reviewed publications**

1. Ståhlberg, O., Nilsson, T., **Lundström, S.**, Anckarsäter, H. ASDs and coexisting mental health problems. Autism. In *Autism Spectrum Disorders: Phenotypes, Mechanisms and Treatment* (Eds). M Leboyer, & P Chaste. Karger Verlag 2013. ISBN 978-3-318-02601-6.
2. **Lundström, S** & Kuja-Halkola, R. “Orsaker till kriminalitet Sammanfattningsrapport” Kriminalvårdens Utvecklingsenhet, 2014. ISBN: 9789186903459.

### **Conferences**

Speaker at “Fokus på Autim”, Stockholm (April 3, 2014)

Speaker at "Growing up in Scotland and Scandinavia", Edinburgh (November 13, 2013)

Keynote speaker, SIKON, Danish national association for autism. (April 16-17, 2012)

Speaker at the yearly Swedish prison and Probation services research meeting (January 26-28, 2010)

Speaker at the Scandinavian Prison and Probation services yearly Research and Development meeting (28 September - 1 of August, 2009)

Speaker at the 30th International Congress on Law and Mental Health (University of Padua 2007, June 25-30, 2008)