

Curriculum Vitae

Todd Lencz, Ph.D.

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CURRENT

- 2008-present Associate Investigator, Center for Translational Psychiatry
Feinstein Institute for Medical Research at North Shore-LIJ Health System
- 2008-present Associate Professor of Psychiatry and Behavioral Sciences
Albert Einstein College of Medicine
- 2007-present Associate Director, Psychiatry Research
The Zucker Hillside Hospital
- 2007-present Director, Laboratory for Analytic Genomics
The Zucker Hillside Hospital
- 2005-present Associate Director, Unit of Molecular Psychiatry
The Zucker Hillside Hospital
- 1998-present Attending Staff Psychologist
North Shore - LIJ Health System, The Zucker Hillside Hospital (ZHH)

PREVIOUS

- 2003-2008: Assistant Investigator, Center for Translational Psychiatry
Feinstein Institute for Medical Research at North Shore-LIJ Health System
- 1999-2008: Assistant Professor of Psychiatry and Behavioral Sciences
Albert Einstein College of Medicine
- 1998-2006: Associate Director, Recognition and Prevention (RAP) Program, ZHH
- 1997-1998: Assistant Attending Psychologist, Hillside Hospital, Glen Oaks, New York
- 1995-1997: Postdoctoral Research Fellow in the Clinical Neurosciences,
Hillside Hospital, Glen Oaks, New York
- 1994-1995: Psychology Intern, Bellevue Hospital Center, New York, NY
- 1990-1994: Research Associate, Mauritius Joint Child Health Project
- 1991-1994: Psychotherapy Trainee, Human Relations Center, USC
- 1993-1994: Dissertation Fellow, University of Southern California (USC)
- 1993: Teaching Assistant, Seminar in Abnormal Psychology, USC
- 1990-1993: All-University Merit Fellow, Univ. of Southern California
- 1989-1990: Research Ass't in Neuropsychology, Yale-New Haven Hospital, Neurosurgery

EDUCATION

University of Southern California, Psychology (Clinical)
M.A. Awarded, May 1992
Ph.D. Awarded, August 1995
Dissertation title: "Psychophysiological and Behavioral Antecedents of
Schizophrenia-Spectrum Personality Disorder"
Yale University, B.A. Awarded, May 1989
Magna cum laude; Distinction in the major (Psychology)

LICENSURE New York State License #013290 (Psychology), Awarded 12/97

AWARDS/HONORS

Elected Associate Member of the American College of Neuropsychopharmacology (2008)
NIH EUREKA Award (2008)
American Psychopathological Association Robins/Guze Award (2007)
KeySpan Industries Medical Research Fellowship (2005)
American College of Neuropsychopharmacology (ACNP) Memorial Travel Award (2003)
ISI "Hot Paper" Designation (for most citations; see ref#15 below) (2002)
NARSAD Young Investigator's Award (2001)
Hillside Hospital Young Investigator's Award (1996)
NIMH Young Investigator's Award, Internat'l Congress on Schizophrenia Research (1993)
University of Southern California:
Distinguished Dissertation Award (Psychology, 1995)
USC University Dissertation Fellowship (1993-1994)
USC University Merit Fellowship (1990-1993)
Yale University:
Graduated Magna cum Laude (1989)
Awarded Distinction in the Major: Psychology (1989)

OTHER PROFESSIONAL ACTIVITIES

Review Experience

Granting Institutions

NIMH Special Emphasis Panel (Grand Opportunity RC2 mechanism) (2009)
NIMH Special Emphasis Panel (EUREKA – NIMH, NINDS, NIDA) (2009)
NIMH Special Emphasis Panel (K99/R00 Pathways to Independence) (2006-ongoing)
NIMH Loan Repayment Program (2005-ongoing)
NIMH Clinical Centers and Special Projects Review Committee (2006)
NIMH Special Emphasis Panel (Neurologic/Psychiatric Disorders) (2006)
MIND Institute, Albuquerque, New Mexico (2001)
Children's Research Center of Michigan / Wayne State School of Med. (2004-6)
Maine Institute for Human Genetics and Health (2007)
Ontario Mental Health Foundation (2007)
Israel Science Foundation (2008-9)

Journals (24 total)

American Journal of Medical Genetics – Part B: Neuropsychiatric Genetics;
American Journal of Psychiatry; Archives of General Psychiatry;
Biological Psychiatry; Bipolar Disorders; Brain Imaging and Behavior;
British Journal of Psychiatry; Cognitive Neuropsychiatry; CNS Spectrums;
Human Neuropsychopharmacology: Clinical and Experimental;
Journal of Abnormal Psychology; Journal of Child Psychiatry & Psychology;
Journal of Clinical Psychiatry; Journal of Psychiatric Research; Molecular Psychiatry;
Neuropsychopharmacology; Neuroscience; Pharmacogenetics and Genomics;
Pharmacogenomics; Progress in Neuro-Psychopharmacology & Biological Psychiatry;
Psychiatry Research; Psychological Medicine; Schizophrenia Research;
Schizophrenia Bulletin (also Associate Co-Editor of Special Issue, Vol. 29, #4)

Consultancies (Includes Both Paid and Unpaid Roles)

Massachusetts Mental Health Center, Harvard Medical School
Pace Clinic, New York State Psychiatric Institute
Portland Identification and Early Referral (PIER) program, Maine Medical Center
Informed Insights, London, UK
PGxHealth Pharmaceuticals, a division of Clinical Data, Inc., New Haven, CT
Golden Helix, Inc., Bozeman, MT
Eli Lilly and Company

Committees and Other Advisory Activities

Editorial Board, The Open Neuropsychopharmacology Journal
Schizophrenia Workgroup, Psychiatric GWAS Consortium
Statistical Workgroup, Psychiatric GWAS Consortium
Program Committee, Society for Research in Psychopathology
Founding Member, International Prodromal Research Network
Invited Evaluator, Cognitive Neuroscience Treatment to Improve Cognition in Schizophrenia (CNTRICS)
Invited Commenter, Schizophrenia Research Forum

GRANTS AWARDED

R01 MH 84098 (Lencz) 08/01/08-03/31/11 NIH/NIMH
Identifying Molecular Subtypes of Schizophrenia: A Novel Genomic Approach
In this EUREKA proposal, we challenge the implicit assumptions underlying recent genetic research in schizophrenia, that multiple common alleles of additive effect combine to produce the phenotype. A complementary hypothesis will be tested: that a proportion of cases of schizophrenia may be characterized by a simpler genetic architecture, and that one or more homogeneous molecular subtypes may co-exist alongside the polygenic pool of cases.
Role: Principal Investigator

FIMR Faculty Award (Lencz) 12/01/08-11/30/09 FIMR
From Haplotypes to Rare Variants: Strategies for Next-Generation Sequencing
This faculty award will fund acquisition and analysis of resequencing data of the DTNBP1 susceptibility locus in patients with schizophrenia and controls. Data will be generated on the Illumina/Solexa GA-2 platform in collaboration with Dr. Richard McCombie at the Cold Spring Harbor Laboratory.
Role: Principal Investigator

U01 MH 85508 (Gejman, subcontract to Malhotra) 09/30/08-08/30/09 NIH/NIMH
The Psychiatric GWAS Consortium: Integrated & Coordinated GWAS Meta-Analyses
This consortium will perform “mega-analyses” on data from nearly all genomewide association studies (GWAS) conducted worldwide across five serious mental illnesses, including schizophrenia.
Role: Co-Investigator, Schizophrenia Working Group and Statistical Analysis Working Group

P50 MH 80173 (Kane) 05/09/08-04/30/13 NIH/NIMH
Dissecting Heterogeneity of Treatment Response of First Episode Schizophrenia
The Zucker Hillside Hospital (ZHH) CIDAR will integrate the extensive clinical experience of ZHH researchers focused on the treatment of first episode schizophrenia, with the expertise of investigators utilizing neurocognitive, neuroimaging, and molecular genetic approaches to identify biological predictors of treatment response and functional outcome.

Role: Co-Director, Genomics Core; Co-Investigator, Pharmacogenetics Project

R01 MH 79800 (Malhotra) 04/06/07- 03/31/12 NIH/NIMH

Genetic Variation and functional disability in schizophrenia

This project aims to identify the genetic variants that influence functional disability in schizophrenia using a 3-stage whole genome approach focused on the phenotypes of cognition and negative symptoms, which are key mediators of functional outcome in schizophrenia.

Role: Co-investigator

R01 MH 61523 (Cornblatt) 5/01/00 - 4/30/10 NIH/NIMH

Characterization of Prodromal Schizophrenia

The overall goal of this project is to prospectively characterize the prodromal phase of schizophrenia and to determine the accuracy with which prodromal symptoms predict schizophrenia in adolescents. This information, currently unavailable, is essential for establishing a variety of early, phase-specific effective intervention programs throughout the prodromal phase of schizophrenia.

Role:Co-PI

P30 MH 74543 (previously MH60575; PI: John Kane) 1/01/00 - 06/30/10 NIH/NIMH

Course of Illness in Schizophrenia: Optimizing Outcomes

The mission of the proposed MHIRC is to provide high quality comprehensive infrastructure support for the conduct of intervention research aimed at improving the outcomes for individuals with schizophrenia. (Recently re-funded as an ACISR through 2010).

Role: Co-Director, Cognition and Neuroimaging Assessment Unit; Co-Director, Pharmacogenetics Unit

K01 MH 65580 (Lencz) 04/01/03 - 03/31/09 NIH/NIMH

“Identifying & Characterizing Prodromal Schizophrenia

The goals of this Mentored Research Scientist Development Award involve training and research in the assessment of the schizophrenia prodrome. Research goals are integrated around the hypothesis that attenuated negative symptoms represent a critical domain of risk for schizophrenia that is dissociable from attenuated positive symptoms at both the phenotypic and endophenotypic level.

Role: Principal Investigator

Young Investigator’s Award 6/01/01 - 05/31/04 NARSAD

Structural Neuroanatomy in Adolescents at Clinical Risk for Schizophrenia

The major goal of this study is to study neurodevelopmental factors of the illness process by examining neuroanatomy in adolescent patients at clinical high risk for psychosis prior to the diagnosis of schizophrenia.

Role: PI

R01 MH 60374 (P.I.: Robert M. Bilder) 7/15/99 - 06/30/04 NIH/NIMH

Longitudinal Neuroimaging of First Episode Schizophrenia

The first generation of neuroimaging studies showed that anatomic pathology is present at the first episode of schizophrenia but left major unanswered questions about the initial pathology and its longitudinal course. The major goal of this project is to distinguish deficits reflecting static encephalopathy from those that progress with the illness.

Role: Research Scientist

PROFESSIONAL AFFILIATIONS

American College of Neuropsychopharmacology (ACNP, Assoc. Member)
American Psychological Association (APA)
American Psychopathological Association (APPA)
American Society of Human Genetics (ASHG)
International Early Psychosis Association (IEPA)
International Prodromal Research Network (IPRN)
International Society for Psychiatric Genetics (ISPG)
Schizophrenia International Research Society (SIRS)
Society of Biological Psychiatry (SOBP)
Society for Research in Psychopathology (SRP)

TEACHING EXPERIENCE

2008-present: Coordinator and primary lecturer, Advanced Topics in Psychiatry Research (Zucker Hillside Hospital). Develop syllabus and provide lectures on advanced topics in contemporary clinical neuroscience, including imaging, genetics, and neuropsychopharmacology to research-track residents in psychiatry. Didactics program leads to participation in ongoing research and development of independent projects by the residents.

2007-present: Coordinator and primary lecturer, Introduction to Clinical Neuroscience (Zucker Hillside Hospital). Develop syllabus and provide lectures on major methodologies and topics in contemporary clinical neuroscience, including imaging, genetics, and neuropsychopharmacology to psychiatry residents.

2006-present: Member, Curriculum Committee (Hillside); helped develop novel PGY2-3 integrated neuroscience curriculum

2003-2006: Coordinator and primary lecturer, Research Methods Seminar (Hillside Hospital) Develop syllabus and provide lectures on methodological and statistical issues in psychiatry research to residents;

1998-2002: Co-leader, Research Methods Seminar (Hillside Hospital)

2000-2007: Guest lecturer, Biological Psychiatry/Psychopharmacology Seminar (Hillside) Provide lectures on psychopharmacology and cognition to psychiatry residents;

1997-2007: Coordinator and primary lecturer, Psychological and Neuropsychological Assessment Seminar (Hillside Hospital) Develop syllabus, coordinate and provide lectures on psychological and neuropsychological assessment techniques to psychiatry residents;

1997-present: Guest lecturer, Psychological Assessment Seminar (Hillside Hospital) Provide occasional lectures on clinical interviewing, diagnostic issues, clinical neuropsychology, and functional neuroanatomy to psychology interns;

1995-present: Guest lecturer, Neuropsychology Seminar (Hillside Hospital) Provide occasional lectures on functional neuroimaging, functional neuroanatomy, and neuroscience methodology to neuropsychology interns;

1993: Teaching Assistant, Seminar in Abnormal Psychology (USC) Co-developed syllabus, graded weekly writing assignments, exams, and papers; co-led weekly seminars; led several class sessions in an undergraduate seminar

1992-1994: Guest lecturer, Personality (USC); occasional lectures on schizophrenia-spectrum personality disorder for an undergraduate lecture class

ACADEMIC PUBLICATIONS***Refereed Journals (ISI h-index=29, total ISI cites>2700, July 2009)***

75. Narr KL, Szeszko PR, **Lencz T**, Woods RP, Hamilton LS, Phillips O, Robinson D, Burdick KE, DeRosse P, Kucherlapati R, Thompson PM, Toga AW, Malhotra AK, Bilder RM. (2009) DTNBP1 is associated with imaging phenotypes in schizophrenia. *Human Brain Mapping, in press*.
74. Goldberg TE, Kotov R, Lee AT, Gregersen PK, **Lencz T**, Bromet E, Malhotra AK. (2009) The serotonin transporter gene and disease modification in psychosis: Evidence for systematic differences in allelic directionality at the 5-HTTLPR locus. *Schizophrenia Research*, 111(1-3):103-8. Epub: 2009 Apr 8.
73. **Lencz T**, Lipsky RH, DeRosse P, Burdick KE, Kane JM, Malhotra AK. (2009). Molecular differentiation of schizoaffective disorder from schizophrenia using BDNF haplotypes. *British Journal of Psychiatry*, 194(4), 313-318.
72. Kafantaris V, Kingsley P, Ardekani B, Saito E, **Lencz T**, Lim KO, Szeszko PR. (2009) Lower orbital frontal white matter integrity in adolescents with bipolar I disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*, 48(1), 79-86.
71. Goldberg TE, Burdick KE, McCormack J, Napolitano B, Patel RC, Sevy S, Goldman R, **Lencz T**, Malhotra AK, Kane JM, Robinson DG, (2008/9) Lack of an inverse relationship between duration of untreated psychosis and cognitive function in first episode schizophrenia. *Schizophrenia Research*, in press; Epub: 2008 Nov 28.
70. Christian CJ, **Lencz T**, Robinson DG, Burdick KE, Ashtari M, Malhotra AK, Betensky JD, Szeszko PR. (2008) Gray matter structural alterations in obsessive-compulsive disorder: Relationship to neuropsychological functions. *Psychiatry Res*, 164(2), 123-31. Epub: 2008 Oct 18.
69. Correll CU, **Lencz T**, Smith CW, Auther AM, McLaughlin D, Olsen R, Shah M, Foley C, Kane JM, Cornblatt BA. (2008) Predictors of remission or conversion to schizophrenia or bipolar disorder in adolescents with subsyndromal psychosis considered at high risk for schizophrenia *Journal of Child and Adolescent Psychopharmacology*, 18(5), 475-490.
68. DeRosse P, **Lencz T**, Burdick KE, Kane JM, Malhotra AK. (2008) The genetics of symptom-based phenotypes: Towards a molecular classification of schizophrenia. *Schizophrenia Bulletin*, 34(6), 1047-1053. Epub: 2008 July 15.
67. Ogen-Rhein C, **Lencz T**, Burdick KE, Neuhaus AH, Goldberg TE, Malhotra AK. (2008) Genetic variation in the DAOA gene complex: Impact on susceptibility for schizophrenia and on cognitive performance. *Schizophrenia Research*, 103(1-3), 169-177. Epub: 2008 June 9.
66. Betensky JD, Robinson DG, Gunduz-Bruce H, Sevy S, **Lencz T**, Kane JM, Malhotra AK, Miller R, McCormack J, Bilder RM, Szeszko PR. (2008) Patterns of stress in schizophrenia. *Psychiatry Research*, 160(1), 38-46. Epub: 2008 May 29
65. Burdick KE, Kamiya A, Hodgkinson CA, **Lencz T**, DeRosse P, Elashvili S, Kane JM, Goldman D, Sawa A, Malhotra AK. (2008). Elucidating the relationship between DISC1, NDEL1, and NDE1

and the risk for schizophrenia: Evidence of epistasis and competitive binding. *Human Molecular Genetics*, 17(16), 2462-73. Epub: 2008 May 10.

64. Szeszko PR, Christian C, MacMaster F, **Lencz T**, Mirza Y, Taormina SP, Easter P, Rose M, Michalopoulou G, Rosenberg DR. (2008) Gray matter structural alterations in psychotropic drug-naïve pediatric obsessive-compulsive disorder: An optimized voxel based morphometry study. *American Journal of Psychiatry*, 165(10), 1299-1307. Epub: 2008 Apr 15.

63. Szeszko PR, Hodgkinson CA, Robinson DG, Derosse P, Bilder RM, **Lencz T**, Burdick KE, Napolitano B, Betensky JD, Kane JM, Goldman D, Malhotra AK. (2007/2008) DISC1 is associated with prefrontal cortical gray matter and positive symptoms in schizophrenia. *Biological Psychology*, 79(1), 103-10. Epub: 2007 Nov 1.

62. **Lencz T**, Lambert C, DeRosse P, Burdick KE, Morgan TV, Kane JM, Kucherlapati R, Malhotra AK. (2007) Runs of homozygosity reveal highly penetrant recessive susceptibility loci in schizophrenia. *Proceedings of the National Academy of Sciences USA*, 104(50), 19942-47. E-pub: 2007 Dec 05.

61. Goldberg TE, Goldman RS, Burdick KE, Malhotra AK, **Lencz T**, Patel RC, Woerner MG, Schooler NR, Kane JM, Robinson DG. (2007) Cognitive improvement after treatment with second generation antipsychotic medications in first episode schizophrenia: Is it a practice effect? *Archives of General Psychiatry*, 64(10), 1115-22.

60. Funke BH, **Lencz T**, Finn CT, DeRosse P, Poznik GD, Plocik AM, Kane J, Gregersen PK, Rogus J, Malhotra AK, Kucherlapati R. (2007) Analysis Of *TBX1* variation in patients with psychotic and affective disorders. *Molecular Medicine*, 13(7-8), 407-14. Epub: 2007 Jun 11.

59. Szeszko PR, Robinson DG, Ashtari M, Vogel J, Betensky J, Sevy S, Ardekani BA, **Lencz T**, Malhotra AK, McCormack J, Miller R, Lim KO, Gunduz-Bruce H, Kane JM, Bilder RM. (2007/2008) Clinical and neuropsychological correlates of white matter abnormalities in recent onset schizophrenia. *Neuropsychopharmacology*, 33(5), 976-984. Epub: 2007 Jun 20.

58. Correll CU, Penzner JB, **Lencz T**, Auther A, Smith CW, Malhotra AK, Kane JM, Cornblatt BA. (2007) Early identification and high-risk strategies for bipolar disorder. *Bipolar Disorder*, 9(4), 324-38.

57. Cornblatt B, **Lencz T**, Smith CW, Olsen R, Auther A, Nakayama E, Lesser M, Tai J, Shah M, Foley C, Kane JM, Correll CU. (2007) Can antidepressants be used to treat the schizophrenia prodrome? Results of a prospective, naturalistic treatment study. *Journal of Clinical Psychiatry*, 68(4), 546-557.

56. **Lencz T**, Morgan TV, Athanasiou M, Dain B, Reed CR, Kane JM, Kucherlapati R, Malhotra AK. (2007) Converging evidence for a pseudoautosomal cytokine receptor gene locus in schizophrenia. *Molecular Psychiatry*, 12(6), 502-509. Epub: 03/20/07.

55. Szeszko PR, Robinson DG, Sevy S, Kumra S, Rupp CI, Betensky JD, **Lencz T**, Ashtari M, Kane JM, Malhotra AK, Gunduz-Bruce H, Napolitano B, Bilder RM. (2007) Anterior cingulate grey-matter deficits and cannabis use in first-episode schizophrenia. *British Journal of Psychiatry*, 190(3), 230-6.

54. Yang Y, Raine A, **Lencz T**, Bihrlle S, LaCasse L, Colletti P. (2007) Localization of increased prefrontal white matter in pathological liars. *British Journal of Psychiatry*, 190(2), 174-175.
53. Szeszko PR, Betensky JD, Mentschel C, Gunduz-Bruce H, **Lencz T**, Ashtari M, Malhotra AK, Bilder RM. (2006) Increased stress and smaller anterior hippocampal volume. *Neuroreport*17(17), 1825-8.
52. Burdick KE, Goldberg TE, Funke B, Bates JA, **Lencz T**, Kucherlapati R, Malhotra AK. (2006/2007) *DTNBP1* genotype influences cognitive decline in schizophrenia. *Schizophrenia Research*, 89(1-3), 169-72. Epub: 10/30/06.
51. DeRosse P, Hodgkinson CA, **Lencz T**, Burdick KE, Kane JM, Goldman D, Malhotra AK. (2006) Disrupted in Schizophrenia 1 (DISC1) Genotype and positive symptoms in schizophrenia. *Biological Psychiatry*, 61(10), 1208-10. Epub: 10/18/06.
50. DeRosse P, Funke B, Burdick KE, **Lencz T**, Kane JM, Kucherlapati R, Malhotra AK. (2006) *COMT* genotype and manic symptoms in schizophrenia. *Schizophrenia Research*, 87(1-3), 28-31. Epub: 07/07/06.
49. Roofeh D, Cottone J, Burdick KE, **Lencz T**, Gyato K, Cervellione KL, Napalitano B, Kester H, Anderson B, Kumra S. (2006) Deficits in memory strategy use are related to verbal memory impairments in adolescents with schizophrenia spectrum disorders. *Schizophrenia Research*, 85(1-3), 201-12. Epub: 05/11/06.
48. **Lencz T**, Robinson DG, Xu K, Ekholm J, Sevy S, Gunduz-Bruce H, Woerner MG, Kane JM, Goldman D, Malhotra AK. (2006) *DRD2* promoter region variation as a predictor of sustained response to antipsychotic medication in first-episode schizophrenia patients. *American Journal of Psychiatry*, 163(3), 529-531.
47. DeRosse P, Funke B, Burdick KE, **Lencz T**, Ekholm JM, Kane JM, Kucherlapati R, Malhotra AK. (2006) Dysbindin (DTNBP1) genotype and negative symptoms in schizophrenia. *American Journal of Psychiatry*, 163(3), 532-534.
46. Burdick KE, **Lencz T**, Funke B, Finn CT, Szeszko PR, Kane JM, Kucherlapati R, Malhotra AK. (2006) Genetic variation in DTNBP1 influences general cognitive ability. *Human Molecular Genetics*, 15(10), 1563-1568; Epub: 01/13/06.
45. Bilder RM, Reiter G, Bates J, **Lencz T**, Szeszko PR, Goldman RS, Robinson DR, Lieberman JA, and Kane JM. (2006) Cognitive development in schizophrenia: Follow-back from the first episode. *Journal of the Clinical and Experimental Neuropsychology*, 28(2), 270-282.
44. **Lencz T**, Smith CW, McLaughlin D, Auther A, Nakayama E, Hovey L, Cornblatt, BA. (2005/2006) Generalized and specific neurocognitive deficits in “prodromal” schizophrenia. *Biological Psychiatry*, 59(9), 863-871. Epub: 12/01/2005.
43. Thaden E, Rhinewine J, **Lencz T**, Kester H, Cervellione KL, Henderson I, Roofeh D, Burdick KE, Napolitano B, Cornblatt BA, Kumra S. (2005/2006) Early-onset schizophrenia is associated with impaired adolescent development of attentional capacity using the Identical Pairs Continuous

Performance Test. *Schizophrenia Research*, 81(2-3), 157-166. Epub: 11/22/2005.

42. Ardekani BA, Bappal A, D'Angelo D, Ashtari M, **Lencz T**, Szeszko PR, Butler PD, Javitt DC, Lim KO, Hrabe J, Nierenberg J, Branch CA, Hoptman MJ. (2005) Brain morphometry using diffusion weighted MRI: Application to schizophrenia. *Neuroreport*, 16(13), 1455-1459.
41. Yang Y, Raine A, **Lencz T**, Bihrlle S, LaCasse L, Colletti P. (2005) Prefrontal white matter increase in pathological liars. *British Journal of Psychiatry*, 187(10), 320-325.
40. Funke B, Malhotra AK, Finn CT, Plocik AM, Lake SL, **Lencz T**, DeRosse P, Kane JM, Kucherlapati R. (2005) COMT genetic variation confers risk for psychotic and affective disorders: a case control study. *Behavioral and Brain Functions*, 1, 1-19. Epub: 10/18/2005.
39. Rhinewine J, **Lencz T**, Thaden E, Cervellione KL, Burdick KE, Schwartz I, Bakshar S, Keehlisen L, Kane JM, Kohn N, Fisch GS, Bilder RM, Kumra S. (2005) Neurocognitive profile in adolescents with early-onset schizophrenia: Clinical correlates. *Biological Psychiatry*, 58(9), 705-712. Epub: 07/24/2005.
38. Yang Y, Raine A, **Lencz T**, Bihrlle S, LaCasse L, Colletti P. (2005) Volume reduction in prefrontal gray matter in unsuccessful psychopaths. *Biological Psychiatry*, 57(10), 1103-1108.
37. Correll CU, **Lencz T**, Smith CW, Auther AM, Nakayama EY, Hovey L, Olsen R, Shah M, Foley C, Cornblatt BA. (2005) Prospective study of adolescents with subsyndromal psychosis: Characteristics and outcome. *Journal of Child and Adolescent Psychopharmacology*, 15(3), 418-433.
36. Burdick KE, Hodgkinson CA, Szeszko PR, **Lencz T**, Kane JM, Goldman D, Malhotra AK. (2005) DISC1 and neurocognitive function in schizophrenia. *Neuroreport*, 16(12), 1399-1402.
35. Kumra S, Ashtari M, Cervellione KL, Schwartz I, Kester H, Roofeh D, Wu J, Clarke T, Thaden E, Kane JM, Fisch G, Rhinewine J, **Lencz T**, Diamond A, Ardekani BA, Szeszko P. (2005) White matter abnormalities in early-onset schizophrenia: a voxel based diffusion tensor imaging study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 44(9), 934-941.
34. **Lencz T**, Smith CW, Auther A, Correll, CU, Cornblatt, B. (2004) Non-specific and attenuated negative symptoms in patients at clinical risk for schizophrenia. *Schizophrenia Research*, 68(1), 37-48.
33. Ashtari M, **Lencz T**, Zuffante P, Bilder RM, Clarke T, Diamond A, Kane JM, Szeszko PR. (2004) Left middle temporal gyrus activation during a phonemic discrimination task. *Neuroreport*, 15(3), 389-393.
32. Raine A, Ishikawa SS, Arce E, **Lencz T**, Knuth K, Bihrlle S, Lacasse L Colletti P. (2004) Hippocampal structural asymmetry in unsuccessful psychopaths. *Biological Psychiatry*, 55(2), 185-191.
31. **Lencz T**, Smith CW, Auther A, Correll CU, Cornblatt, BA. (2003) The assessment of "prodromal schizophrenia": Unresolved issues and future directions. *Schizophrenia Bulletin*, 29(4), 717-728.

30. Cornblatt BA, **Lencz T**, Correll CU, Smith CW, Auther A. (2003) The schizophrenia prodrome revisited: A neurodevelopmental perspective. *Schizophrenia Bulletin*, 29(4), 633-651.
29. Auther A, **Lencz T**, Smith CW, Bowie CR, Cornblatt BA. (2003) Overview of the first annual workshop on the schizophrenia prodrome. *Schizophrenia Bulletin*, 29(4), 625-631.
28. Cornblatt BA, Heinssen RK, Cannon TD, **Lencz T**. (2003) Editors' introduction: New frontiers in prodromal research. *Schizophrenia Bulletin*, 29(4), 621-623.
27. Raine A, **Lencz T**, Taylor K, Hellige JB, Bihrlé S, LaCasse L, Lee M, Ishikawa S, Colletti P. (2003) Corpus callosum abnormalities in psychopathic antisocial individuals. *Archives of General Psychiatry*, 60, 1134-1142.
26. Szeszko PR, Goldberg E, Gunduz-Bruce H, Ashtari M, Robinson D, Malhotra AK, **Lencz T**, Bates J, Crandall DT, Kane JM, Bilder, RM. (2003) Smaller volume of the anterior hippocampal formation in antipsychotic drug-naïve patients with first episode schizophrenia. *American Journal of Psychiatry*, 160, 2190-2197.
25. **Lencz T**, Bilder RM, Turkel E, Goldman RS, Robinson D, Kane JM, Lieberman JA. (2003) Impairments in both perceptual competency and maintenance on a visual delayed match-to-sample test in first-episode schizophrenia. *Archives of General Psychiatry*, 60, 238-43.
24. Raine A, **Lencz T**, Bihrlé S, LaCasse L, Colletti P. (2002) Prefrontal structural and functional deficits in schizotypal personality disorder. *Schizophrenia Bulletin*, 28, 501-13.
23. Cornblatt B, **Lencz T**, Obuchowski M. (2002) The schizophrenia prodrome: treatment and high-risk perspectives. *Schizophrenia Research*, 54, 177-86.
22. Ishikawa SS, Raine A, **Lencz T**, Bihrlé S, LaCasse L. (2002) Increased height and bulk in antisocial personality disorder and its subtypes. *Psychiatry Research*, 105, 211-9.
21. **Lencz T**, Cornblatt B, Bilder RM. (2001) The timing of neurodevelopmental abnormality in schizophrenia: An integrative review of the neuroimaging literature. *CNS Spectrums*, 6, 233-255.
20. Cornblatt B, **Lencz T**, Kane JM. (2001) Treatment of the schizophrenia prodrome: Is it presently ethical? *Schizophrenia Research*, 51, 31-8.
19. Ishikawa SS, Raine A, **Lencz T**, Bihrlé S, Lacasse L. (2001) Autonomic stress reactivity and executive functions in successful and unsuccessful criminal psychopaths from the community. *Journal of Abnormal Psychology*, 110, 423-32.
18. **Lencz T**, Cornblatt B, Bilder RM. (2001) Neurodevelopmental models of schizophrenia: Pathophysiologic synthesis and directions for intervention research. *Psychopharmacology Bulletin*, 35, 95-125.
17. Yarialian PS, Raine A, Lencz T, Hooley JM, Bihrlé SE, Mills S, Ventura J. (2000) Elevated levels of cognitive-perceptual deficits in individuals with a family history of schizophrenia spectrum disorders. *Schizophrenia Research*, 46, 57-63.

16. Szeszko PR, Bilder RM, **Lencz T**, Ashtari M, Goldman RS, Reiter G, Wu H, Lieberman JA.(2000) Reduced anterior cingulate gyrus volume correlates with executive dysfunction in men with first-episode schizophrenia. *Schizophrenia Research*,43,97-108.
15. Raine A, **Lencz T**, Bihrlle S, LaCasse L, Colletti P. (2000) Reduced prefrontal gray matter volume and reduced autonomic activity in antisocial personality disorder. *Archives of General Psychiatry*, 57, 119-127.
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32. **Lencz T**, Robinson DG, Xu K, Ekholm J, Sevy S, Woerner MG, Kane JM, Goldman D, Malhotra AK. (2005). *DRD2* promoter region variants predict sustained response to antipsychotic medication in first episode schizophrenia. *Biological Psychiatry*, 57, 148S. Paper presented at the 2005 meeting of the Society of Biological Psychiatry, Atlanta, GA.

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44. **Lencz T**, Robinson DG, Xu K, Napolitano B, Gunduz-Bruce H, Sevy S, Woerner MG, Kane JM, Goldman D, Malhotra AK. (2008). *DRD2* promoter region variation predicts acute weight in first episode schizophrenia. Poster presented at the 2008 meeting of American College of Neuropsychopharmacology, Scottsdale, AZ.

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INVITED ADDRESSES

- 5/97 Research Seminar, Dept. of Biological Psychiatry, New York State Psychiatric Institute; Topic: Introduction to Functional Magnetic Resonance Imaging
- 11/97 Research Seminar, Dept. of Psychology, Hofstra University; Topic: Introduction to Functional Magnetic Resonance Imaging
- 9/00 Clinical Research Workshop, Mental Health Association of Suffolk County, NY; Topic: Characterization of Prodromal Schizophrenia
- 4/02 First Annual Workshop of the International Prodromal Network, New York, NY. Topic: Developmental and Neurodevelopmental Issues in Prodromal Schizophrenia.
- 4/02 Grand Rounds speaker; Creedmoor Psychiatric Center; Topic: Identifying and Characterizing Prodromal Schizophrenia: Preliminary Results from the Hillside RAP Program
- 4/03 Second Annual Workshop of the International Prodromal Network, Santa Monica, CA. Topic: White Matter Abnormalities in Prodromal Schizophrenia.
- 2/04 Research Seminar, Massachusetts Mental Health Center, Topic: Characterization of "Prodromal" Schizophrenia
- 2/04 Research Seminar, Weill Cornell Medical College, Dept. of Psychiatry, Topic: Neuropsychology of Schizophrenia
- 3/04 Research Seminar, Dept. of Psychology, Hofstra University; Topic: On the Way to Schizophrenia: Neurobiological and Clinical Investigations in the Schizophrenia Spectrum
- 9/04 Third Annual Workshop of the International Prodromal Network, Vancouver, Canada. Topic: Diffusion Tensor Imaging Studies in Prodromal Schizophrenia.
- 10/04 Research Seminar, Dept. of Psychiatry, Sheba Medical Center, Tel Hashomer, Israel; Topic: On the Way to Schizophrenia: Clinical and Neurobiological Investigations in the Schizophrenia Spectrum
- 11/04 Clinical Research Workshop, Mental Health Association of Suffolk County, NY; Topic: Clinical and Neurobiological Characteristics of Prodromal Schizophrenia

- 6/05 World Congress of Biological Psychiatry, Vienna, Austria; Topic: *DRD2* Promoter Region Variation and Treatment Response in First Episode Schizophrenia
- 9/05 Fourth Annual Workshop of the International Prodromal Network, Yountsville, CA. Topic: Strategies for Reducing Heterogeneity in Prodromal Research. (Session Discussant)
- 12/05 Grand Rounds, The Zucker Hillside Hospital, Glen Oaks, NY. Topic: Prediction of Course in Early Phase Schizophrenia.
- 07/06 New York Psychiatric Genetics Summer Forum, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY. Topic: Molecular Differentiation of Schizophrenia and Schizoaffective Disorder
- 11/06 Grand Rounds, Cabrini Hospital, Dept. of Psychiatry, NY, NY. Topic: Prediction of Course in Early Phase Schizophrenia.
- 3/07 Departmental Seminar, City University of New York, Dept. of Mathematics, NY, NY. Topic: Needles and Haystacks, Forests and Trees: Statistical Conundrums in the Genomics of Complex Disease.
- 4/07 6th Annual Pharmacogenetics in Psychiatry Conference, NY, NY. Topic: Whole Genome Approaches to Antipsychotic Drug Response
- 05/07 Online Webinar, Golden Helix Inc., (http://www.goldenhelix.com/SNP_Variation/tutorials_webinars.html). Topic: Whole Genome Association Study of Schizophrenia
- 07/07 New York Psychiatric Genetics Summer Forum, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY. Topic: Structural Genomic Variation in Schizophrenia
- 01/08 Grand Rounds, The Zucker Hillside Hospital, Glen Oaks, NY. Topic: Schizophrenia Genomics
- 01/08 Online Webinar, Golden Helix Inc., (http://www.goldenhelix.com/SNP_Variation/tutorials_webinars.html). Topic: Using Runs of Homozygosity to Identify Recessive Loci
- 05/08 2008 American Psychiatric Association Meeting, NIMH Invited Symposium on Pharmacogenetics, Washington, DC. Topic: Emerging Technologies for Pharmacogenetics
- 06/08 Feinstein Institute for Medical Research / Hofstra University Joint Research Workshop, Topic: Recent Advances in the Genetics of Schizophrenia
- 10/08 Medical Update with Dr. Frank Field (Educational TV Show), Topic: Schizophrenia Genetics
- 12/08 Grand Rounds, St. Vincent's Hospital, Valhalla, Dept. of Psychiatry, Topic: The Genetic Architecture of Schizophrenia: Implications for Diagnosis and Treatment

- 02/09 Grand Rounds, Long Island Jewish Medical Center, Dept. of Medicine, Lake Success, NY,
Topic: The Genetic Architecture of Schizophrenia: Implications for Diagnosis and
Treatment
- 06/09 Grand Rounds, The Zucker Hillside Hospital, Glen Oaks, NY, Topic: The Genetic
Architecture of Schizophrenia and Bipolar Disorder