

# Curriculum Vitae

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## Erin A. Hazlett

**Citizenship:** United States

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## EDUCATION

1993 Ph.D. Psychology, University of Southern California, Los Angeles, CA  
Mentors: Michael Dawson, Ph.D. (USC) and Keith Nuechterlein, Ph.D. (UCLA)  
1990 M.A. Psychology, University of Southern California, Los Angeles  
1981 B.A. Psychology, University of California, Los Angeles

## POSITIONS

2011- Professor  
Departments of Psychiatry (Primary) and Neuroscience (Secondary)  
Icahn School of Medicine at Mount Sinai, New York, NY

2018- Research Career Scientist  
VA Clinical Science Research & Development (CSR&D)  
Mental Illness Research, Education, and Clinical Center (MIRECC, VISN 2)  
James J. Peters Department of Veterans Affairs Medical Center  
130 West Kingsbridge Road, Room 6A-44, Bronx, New York

2009- Director, MIRECC Cognitive Psychophysiology Laboratory  
James J. Peters Department of Veterans Affairs Medical Center

2000- Director, Cognitive Psychophysiology Laboratory  
Department of Psychiatry, Icahn School of Medicine at Mount Sinai, NY, NY

2009-2018 Research Scientist (designation received upon funding of a VA Merit Award)  
Clinical Science Research & Development; Mental Illness Research Education and  
Clinical Center; James J. Peters Department of Veterans Affairs Medical Center

2000-2011 Associate Professor  
Departments of Psychiatry and Neuroscience  
Icahn School of Medicine at Mount Sinai, New York, NY

1995-2000 Assistant Professor  
Associate Director, Neuroscience PET-fMRI Laboratory  
Department of Psychiatry, Icahn School of Medicine at Mount Sinai, New York, NY

1993-1995 Charles A. Dana Foundation Post-Doctoral Fellow  
Department of Psychiatry, Icahn School of Medicine at Mount Sinai, New York, NY

1988-1993 NIH NRSA Pre-Doctoral Fellow and Graduate Research Assistant  
Department of Psychology, University of Southern California

## **MAJOR RESEARCH INTERESTS**

Human psychophysiology; attentional and emotional processing in healthy individuals, schizophrenia-spectrum disorders, and personality disorders using objective psychophysiological measures (e.g., fMRI BOLD activation, prepulse inhibition and attentional modulation of startle, affective modulation of startle, skin conductance), behavioral and subjective (self-report) measures of attention and emotional processing; functional and structural (e.g., diffusion tensor imaging) neuroimaging as tools to better understand the neural circuitry of normal and aberrant cognitive and emotion processing.

## **RESEARCH GRANTS AWARDED**

### **Active:**

4/1/20-3/31/25 Principal Investigator: R01 MH121411 (Direct costs: \$2,486,838)

*“Longitudinal neuroimaging and neurocognitive assessment of risk and protective factors across the schizophrenia spectrum”*

MPI: Phil Szeszko, Ph.D.

This research utilizes longitudinal multimodal MR imaging and Research Domain Criteria (RDoC) investigational approaches across schizophrenia-spectrum disorders to identify aberrant neural circuitry along a continuum from healthy controls to schizotypal personality disorder to recent-onset schizophrenia and examines changes in these measures over time in relationship to impairments in symptom severity, neurocognition, and functional outcome.

*Received a 3rd% score.*

7/1/21-3/31/25 Principal Investigator: R01 MH121411-02S1 Supplement (Direct costs: \$490,418)

*“Longitudinal neuroimaging and neurocognitive assessment of risk and protective factors across the schizophrenia spectrum”*

MPI: Phil Szeszko, Ph.D.

This supplement leverages the parent R01 project to use advanced computational speech analytic approaches to identify the linguistic basis—semantics and syntax—that underlies language production along a spectrum from normal to gradations of thought disorder across the schizophrenia spectrum.

4/1/20-3/31/24 Principal Investigator: Collaborative VA Merit I01 CX002093 (Direct costs: \$904,499)

*“CTBI: Traumatic brain injury-induced inflammation effects on cognitive evaluations and response inhibition: Mechanisms of increased risk for suicidality”*

MPI: Marianne Goodman, M.D.

This highly-collaborative research involves four VA sites. Our site at the JJP VA investigates brain activity with fMRI during cognitive and motor impulsivity tasks in Veterans with and without a history of mild traumatic brain injury (mTBI) and suicide attempt history. The Indy VA site (PI: Niculescu) will conduct the same impulsivity tasks in Veterans and also conduct all analyses on the blood. The New Jersey VA site (PI: Beck) will employ the same impulsivity tasks in animal models of mTBI. The study's clinical core involves the Denver MIRECC and the NJ VA (Brenner & Interian).

*Received a 4.7% score.*

4/1/18-3/31/23 Principal Investigator: 1 IK6 CX001738 (Direct costs: \$905,806; NCE)

*“VA CSR&D Research Career Scientist Award”*

This award provides full-time VA salary support for the PI and enhances opportunities for (a) conducting collaborative neuroimaging and psychophysiological research, and (b) research mentoring at the JJPVAMC.

4/1/17-3/31/22 Principal Investigator: VA Merit Award I01 CX001451 (Direct costs: \$1,248,330)  
*“Neurobiology of affective instability in Veterans at low and high risk for suicide”*  
This study examines affective startle and frontal-amygda circuitry as biomarkers of high risk suicidal behavior in Veterans.

1/1/22-12/31/23 Principal Investigator: VA RR&D SPiRE grant RX003738 (Direct costs: \$229,755)  
*“A novel cognitive remediation intervention targeting poor decision making and depression in Veterans at high risk for suicide: A safe, telehealth approach during the COVID-19 pandemic”*  
This is a proof-of-concept study examining a novel cognitive remediation intervention that will be conducted virtually in 36 Veterans at high risk for suicide.

4/1/20-3/31/24 Co-Investigator: VA CSR&D Merit Award I01 CX002039 (Direct costs: \$906,962)  
*“Predicting suicidal behavior in Veterans with bipolar disorder using behavioral and neuroimaging based impulsivity phenotypes”*  
PI: Phil Szeszko, Ph.D.  
This project will examine both trait and state measures of impulsivity in Veterans with bipolar disorder using self-report measures and fMRI to predict the occurrence of suicidal behavior longitudinally over one year.

1/1/20-12/31/23 Co-Investigator: VA CSR&D Merit Award I01 CX001980 (Direct costs: \$639,867)  
*“Reward processing and depressive subtypes: Identifying neural biotypes related to suicide risk, resilience, and treatment response”*  
PI: Susanna Fryer, Ph.D. (VAMCSF and UCSF; Early career investigator).  
This project aims to evaluate neurobehavioral mechanisms involved in reward processing that contribute to reward and related deficits (anhedonia and amotivation) in depression using a multimodal approach (EEG, behavioral assessments, fMRI). The study will investigate the heterogeneity of depression—specifically in terms of reward-related brain functions and their clinical correlates.

1/1/20-12/31/22 Co-Investigator: R21 MH119530 (Direct costs: \$300,000)  
*“Mapping treatment components to targets in Dialectical Behavior Therapy”*  
PI: Kathryn Dixon-Gordon, Ph.D. (UMass Amherst; Early career investigator).  
This project uses behavior tasks and psychophysiology to probe treatment targets in patients with borderline personality disorder receiving DBT.

10/1/18-9/30/23 Co-Investigator: VA CSR&D Merit Award I01 CX001705 (Direct costs: \$1,629,240)  
*“Group (“Project Life Force”) vs. individual suicide safety planning RCT”*  
Principal Investigator: Marianne Goodman, M.D.  
This project evaluates the effectiveness of a 10-session suicide safety planning group-based intervention for suicidal Veterans incorporating emotion regulation skills vs. safety planning without group involvement.

7/1/20-6/30/25 Mentor: T32 MH122394 (Direct costs: \$791,640)  
*“Training the next generation of clinical neuroscientists”*  
Principal Investigator: René S. Kahn, M.D., Ph.D.  
I serve as a mentor in this fellowship program which is designed to train psychiatrists and clinical PhDs to formulate original research questions on etiology, pathogenesis, course, treatment and prevention of serious mental illness, with a focus on patients with schizophrenia and major mood disorders.

**Past:**

2021-2022 Primary Mentor: Career Development Award 1 IK1 CX002348 (Direct costs: \$388,599)  
*“Identifying neurobiological vulnerabilities in reward processing associated with suicidal behavior in Veterans”*  
Principal Investigator: Mathew Klein, M.D., Ph.D.

2018-2019 Principal Investigator: MHBA-014-16S (Direct costs: \$77,113)  
*“Supplement to VA Merit I01 CX001451: Neurobiology of affective instability in Veterans at low and high risk for suicide”*

2016-2020 Co-Investigator: VA CSR&D Merit Award I01 CX001395 (Direct costs: \$1,000,000)  
*“DNA methylation and inflammatory signatures associated with suicide risk and treatment in US Veterans”*  
Principal Investigator: Fatimeh Haghghi, Ph.D.

2015-2018 Mentor: KL2 Faculty Scholar Award (Direct costs: \$500,000)  
*“Examining endophenotypes of genetic risk and resiliency in bipolar disorder through multimodal measures of emotional processing”*  
Principal Investigator/Mentee: Mercedes Perez-Rodriguez, M.D., Ph.D.

2014-2018 Co-Investigator: VA Merit Award I01 RX001106 (Direct costs: \$1,098,784)  
*“Multifamily group to reduce marital conflict and disability in Veterans with mTBI”*  
Principal Investigator: Drapalski/Goodman

2014-2016 Mentor: Young Investigator Award from the Brain and Behavior Foundation  
*“Neuroimaging endophenotypes in bipolar disorder patients and unaffected siblings”*  
Principal Investigator/Mentee: Mercedes Perez-Rodriguez, M.D., Ph.D.

2013-2018 Co-Investigator: NIMH R01 MH097799  
*“A D1 agonist for working memory enhancement in the schizophrenia spectrum”*  
Principal Investigator: Antonia New, M.D./Larry Siever, M.D.

2013-2018 Mentor: NIMH K23 MH099223 (Direct costs: \$724,478)  
*“A novel cognitive training intervention for depression”*  
Principal Investigator/Mentee: Brian Iacoviello, Ph.D.

2013-2017 Principal Investigator: VA CSR&D Merit Award I01 CX000609  
*“White matter abnormalities in the schizophrenia spectrum”*

2012-2016 Principal Investigator: Dept. of Defense W81XWH-09-1-0722  
*“Emotional modulation of startle in Veterans at high and low risk for suicide”*  
MPI: Marianne Goodman, M.D.

2012-2016 Co-Investigator: NIMH R01 MH063875  
*“5-HTT and 5-HT2a receptors in impulsive aggression and effects of fluoxetine”*  
Principal Investigator: Larry Siever, M.D.

2011-2015 Principal Investigator: VA CSR&D Merit Award I01 CX00026  
*“Selecting best neuroleptic treatment for Veterans with schizophrenia”*

2009-2013 Co-Investigator: VA CSR&D Merit Award I01 CX000190  
*“Imaging and cognitive correlates of blast TBI in OIF/OEF combat Veterans”*  
Principal Investigator: Effie Mitsis, Ph.D.

2008-2012 Principal Investigator: NIMH R01 MH073911  
*“Neural substrates of emotion in borderline patients”*

2007-2011 Co-Investigator: NIMH R01 MH077813  
*“An fMRI study of emotional dysregulation in borderline patients”*  
Principal Investigator: Harold Koenigsberg, M.D.

2007-2010 Mentor: Dept. Veterans Affairs, CSR&D, Career Development Award  
*“Treatment of aggression, anger and emotional dysregulation in borderline personality disorder”*  
Principal Investigator/Mentee: Marianne Goodman, M.D.

2005-2008 Co-Investigator: VA CSR&D Merit Award 9001-03-0051  
*“Identification of intermediate phenotypes for borderline personality disorder”*  
Principal Investigator: Antonia New, M.D.

2004-2008 Co-Investigator: NIMH R01 MH069947  
*“fMRI of working memory in the schizophrenia spectrum”*  
Principal Investigator: Harold Koenigsberg, M.D.

2003-2008 Co-Investigator: NIMH R01 MH067918  
*“FDG PET study of laboratory induced aggression”*  
Principal Investigator: Antonia New, M.D.

2002-2010 Co-Investigator: NIMH P50 MH36692  
*“White matter abnormalities in schizophrenia”*  
Principal Investigator: Joseph Buxbaum, Ph.D.

2002-2005 Principal Investigator: NARSAD Independent Investigator Award Grant  
*“fMRI and sensorimotor gating in the schizophrenia spectrum”*

2001-2003 Principal Investigator: NIMH R03 MH58673  
*“The neural circuitry of sensorimotor gating”*

1999-2009 Principal Investigator: NIMH R01 MH68823  
*“Anatomy and function of the thalamus in schizophrenia”*  
MPI: Monte S. Buchsbaum, M.D.

1998-2003 Co-Investigator: NIMH R01 MH56489  
*“Normal metabolism and anatomy of basal forebrain in man”*  
Principal Investigator: Monte S. Buchsbaum, M.D.

1997-2002 Co-Investigator: NIMH R01 MH56606  
*“mCPP/PET in impulsive personality disorders”*  
Principal Investigator: Larry J. Siever, M.D.

1996-1997 Principal Investigator: NIMH BSTART/R03 MH56460  
*“3-D analysis of neural circuitry in sensory gating”*

1994-1996 Principal Investigator: NARSAD Young Investigator Award Grant  
*“An integration of cognitive and neuroanatomical theories of startle blink deficits in schizophrenia”*

1992-1993 Principal Investigator: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship NIMH F31 MH10381  
*“Startle blink and vigilance deficits in schizophrenia”*

1990-1993 Co-Investigator: NIH R01 MH46433  
*“Electrodermal dysfunctions in schizophrenia”*  
Principal Investigator: Michael E. Dawson, Ph.D.

1989-1991 Co-Investigator: Biomedical Research Support Grant NIH 2 S07 RR07012  
*“PET imaging and autonomic orienting in schizophrenia”*  
Principal Investigator: Michael E. Dawson, Ph.D.

1989-1990 Collaborator: Scottish Rite Schizophrenia Research Program  
*“Electrodermal and attentional dysfunction in schizophrenic and at-risk subjects”*

**AWARDS AND HONORS**

2020- Member, *Editorial Board, Journal of Personality Disorders*  
2019- Member, *Editorial Board, Psychiatry Research*  
2019-2023 Treasurer, Society for Psychophysiological Research (Total assets 1.1M)  
2019-2023 Chair, Finance Committee, Society for Psychophysiological Research  
2018- Member, Board of Directors, Society for Psychophysiological Research  
2017- Associate Editor, *Psychophysiology*  
2020-2021 Chair, Smadar Levin Award Committee, Society for Research in Psychopathology  
2018-2019 Treasurer-Elect, Society for Psychophysiological Research  
2017-2019 Chair, Committee on Convention Sites, Society for Psychophysiological Research  
2014-2017 Chair, Committee on Women in Psychophysiology, Society for Psychophysiological Research  
2015-2017 Member, Member Enhancement Committee, Society for Psychophysiological Research  
2015-2017 Member, Student Poster Award Committee, Society for Psychophysiological Research  
2015 Panelist, Women in Science and Education Luncheon, Society for Psychophysiological Research  
2012-2015 Board of Directors, Society for Psychophysiological Research  
2013-2014 Member, Committee on Women in Science and Education, Society for Psychophysiological Research  
2006-2009 Chair, Award for Distinguished Early Career Contribution to Psychophysiology Committee, Society for Psychophysiological Research  
2002-2005 Independent Investigator Award, National Alliance for Research on Schizophrenia and Depression (NARSAD)  
1998-2001 Ad Hoc Committee on Converging Methodologies in Cognitive Neuroscience, Society for Psychophysiological Research  
2017-2018 Member, Program Committee: 35<sup>th</sup>, 38<sup>th</sup>, 50<sup>th</sup>, 51<sup>st</sup>, 58<sup>th</sup> Annual Meeting of the Society for Psychophysiological Research  
2010-2011  
2009-2010  
1997-1998  
1994-1995  
1994-1996 Young Investigator Award, National Alliance for Research on Schizophrenia and Depression (NARSAD)  
1992-1993 National Institute of Mental Health (NIMH), National Research Service Award (Pre-doctoral)  
1978-1981 Dean's Honor List

**OTHER PROFESSIONAL APPOINTMENTS**

1997- Thesis Research Sponsor (for graduate students in M.A. Psychology Program), Department of Psychology, New York University, NY  
1997-2010 Adjunct Professor, Department of Psychology, University of Connecticut, Stamford, CT  
1988-1993 Graduate Research Assistant, Cognitive Psychophysiology Laboratory, Department of Psychology, University of Southern California, Los Angeles, CA  
1982-1988 Research Associate, Brain Imaging Center, Department of Psychiatry  
University of California, Irvine

**REVIEW COMMITTEES/PANELS****NIH/NIMH:**

2022 NIH Special Emphasis Panel/Scientific Review Group 2022/05 ZRG1 BDCN-N (55) R  
PAR Panel: Fogarty Global Brain Disorders Center

2021	NIH Special Emphasis Panel/Scientific Review Group 2021/05 ZRG1 BDCN-N (55)R PAR Panel: Fogarty Global Brain Disorders Center
2020	NIH Dysregulation and Proximal Risk for Suicide Review (R01/R21), ZMH1 ERB-S(07)R
2020	NIH Transformative Research Awards (R01) Review, ZRG1 BCMB-A(51)R
2019	Center for Scientific Review Special Emphasis Panel, ZRG1 BBBP-S(02)M
2012-2018	Standing member, Adult Psychopathology and Disorders of Aging (APDA) Study Section, NIH, Center for Scientific Review
2013	NIMH NRSA Institutional Research Training (T32), ZMH1ERB-I(01)
2011	NIMH Member conflict: Adult Psychopathology and Disorders of Aging, ZRG1 BBBP-R(02)
2011	NIMH Fellowships: Sensory, Motor, & Cog Neurosci, ZRG-1 F02B-M20L
2011	NIMH Child Psychopathology and Developmental Disabilities
2010	NIMH Fellowships: Psychopathology, Developmental Disabilities, Stress, and Aging, ZRG-1 F12B-J20L
2009	NIMH R Challenge Grants Panel 5, ZRG-1 BBB-J(58)
2009	NIMH R Challenge Grants Panel, ZRG-1 PSE-J(58)
2009	NIMH Ctr. for Scientific Rev, Special Emphasis Panel, ZRG-1 BBBP-L(58)R
2007-2012	Child Psychopathology and Developmental Disabilities Study Section (CPDD), Biobehavioral and Behavioral Processes Integrated Review Group, NIH
2007	NIMH Special Emphasis Panel Member, ZMH1-CNF-W 02
2006-2012	Member (and Chair on occasion), NIMH Psychopathology, Developmental Disabilities, Stress and Aging, ZRG1-F12B-J 20
2006	NIMH Special Emphasis Panel, ZMH1-CNF-W 02
2004	External Reviewer for NIMH Intramural Program/New Clinical Research Protocols
2002	NIMH Special Emphasis Panel, ZMH1-BRB-S 01

**U.S. Department of Veterans Affairs:**

2021	Member, Department of Veterans Affairs Joint Biomedical Laboratory Research and Development and Clinical Science Research and Development Scientific Merit Review Board, Subcommittee for Mental Health and Behavioral Sciences-C, ZRD1 MHBC-F (01) 1, 11/17/21
2019-	<i>Standing member, Veterans Affairs, Office of Research and Development (VA ORD) Promotions Review Panel (Review meetings are every three months)</i>
2019-	<i>Standing member, Veterans Affairs, Office of Research and Development (VA ORD) Research Career Scientist Award (RCSA) Panel (Review meetings are twice per year)</i>
2019	Judge for Flash Talk Session (Junior Investigators) on Research Day at the JJPVA
2013-	<i>Alternate member, James J. Peters VAMC Institutional Review Board</i>
2009-2012	Standing member, James J. Peters VAMC Institutional Review Board
2006-2009	Standing member, Department of Veterans Affairs Joint Biomedical Laboratory Research and Development and Clinical Science Research and Development Scientific Merit Review Board, Subcommittee for Mental Health and Behavioral Sciences-B (MHBB)
2003	External Reviewer for the Department of Veterans Affairs, Research and Development Office

**U.S. Department of Defense:**

2021	FY22 Military Operational Medicine Research Program's (MOMRP) Aviation Mishap Prevention (AMP) peer review panel for the Department of Defense Health Program (DHP)
2019	Ad hoc reviewer, Complex Traumatic Brain Injury Rehabilitation Research-1 (CTBIRR-1) Peer Review Panel on the TBI Research Program (PH-TBI), Congressionally Directed Medical Research Programs (CDMRP)
2010	Congressionally Directed Medical Research Programs Peer Review
2009	Chair, Autism Spectrum Disorders Research Program, Concept Award Panel
2007	Chair, Autism Spectrum Disorders Research Program, Concept Award Panel

**International:**

2010 Reviewer, The Wellcome Trust

**Icahn School of Medicine at Mount Sinai:**

2008- Member, M.D./Ph.D. Program Admissions Committee, ISMMS

2008- Member, Ph.D in Neuroscience Program Admissions Committee, ISMMS

2006-2015 Member, Center for Clinical Trials and Translational Research Scientific Advisory Board

**TRAINING RECORD****Fellows/Junior Faculty (nature of research in my lab and outcome):**

2021- Katie Challman, Ph.D. (MIRECC Advanced Psychology Fellow)

2018- Susanna Fryer, Ph.D. (Young investigator, Asst. Professor, Dept. Psychiatry, UCSF/SFVA)

2017- Kathryn Dixon-Gordon, Ph.D. (Young investigator, Associate Professor, Dept. Psychology, UMass Amherst)

2020-2022 Matthew Klein, M.D., Ph.D. (MIRECC Psychiatry Fellow). I was the primary mentor on his VA CDA-1 Award.

2019-2020 Molly Gromatsky, Ph.D. (MIRECC Advanced Psychology Fellow). Collaborated on two publications.

2019-2020 Emily Edwards, Ph.D. (MIRECC Advanced Psychology Fellow). Collaborated on two publications.

2016-2018 Chi Chan, Ph.D. (Assistant Professor, ISMMS). I was Dr. Chan's research mentor during her MIRECC Advanced Psychology Fellowship. We published several papers together.

2014-2017 Justin Penner, Ph.D. (JJPVAMC clinical psychologist). Dr. Penner is a former JJPVAMC MIRECC fellow who worked with me on several publications.

2013-2017 Brian Iacoviello, Ph.D. (Assistant Professor, ISMMS). Dr. Iacoviello is a former MIRECC fellow. I was a mentor on his NIH K23 award which involved training him in psychophysiological measures of emotion processing and neuroimaging.

2012-2016 Mercedes Perez-Rodriguez, M.D., Ph.D. (Assistant Professor, ISMMS). Dr. Perez-Rodriguez is a former MIRECC fellow. She is on several papers with me and while working with me won awards for an imaging-genetics paper (see Mentee Awards section below). I was a mentor on her KL2 and NARSAD Young Investigator Awards.

2012-2015 Dan Rosell, M.D., Ph.D. (Assistant Professor, ISMMS). Dr. Rosell is a former MIRECC fellow. He has worked with me on several publications.

2012-2015 Fiona Graff, Psy.D. (VA clinical psychologist, NJ). Dr. Graff is a former MIRECC fellow. She worked with me on a project involving frontal and temporal lobe volume as predictors of treatment response to CRT in schizophrenia. She has co-authored one publication with me.

2013-2015 Julie Messinger-Walsh, Ph.D. (Associate Professor, U Dayton). Dr. Messinger is a former MIRECC fellow. She worked with me on a fMRI functional connectivity project involving emotion processing deficits in borderline personality disorder.

2008-2012 Panos Roussos, M.D., Ph.D. (Professor, ISMMS). Dr. Roussos is a former MIRECC fellow and psychiatry resident who worked with me on several publications in schizophrenia.

2006-2009 Marianne Goodman, M.D., (VA Attending Psychiatrist; Clinical Professor), I served as a mentor on Dr. Goodman's VA Career Development Award entitled, "*Treatment of aggression and anger in borderline personality disorder.*" This training grant involved obtaining fMRI and affective startle measures pre- and post-treatment in patients to examine biological predictors of treatment response. Findings were published in psychiatry journals. Dr. Goodman has since been promoted to clinical professor.

**Mount Sinai Psychiatry Residents:**

2013-2015 Marc Lener, M.D. PGY-3 (post-doctoral fellow at NIMH). Dr. Lener worked with me on a paper reporting DTI in the Schizophrenia spectrum that is published in *Schizophrenia Bulletin* while he was a psychiatry resident at ISMMS on the research track. He won an APA award for this paper and presented it at the annual meeting of the Society of Biol Psychiatry in May 2014.

**Medical Students:**

2010-2012 Tyson Collazo (private practice in internal medicine). Dr. Collazo worked with me while he was a ISMMS medical student. He is a coauthor on a paper examining diffusion tensor imaging in schizotypal personality disorder we published in *Schizophr Res* in 2012.

**Predoctoral students in Neuroscience Ph.D. or combination M.D./Ph.D. program at Mount Sinai:**

2016-2017 Emily Balevich, Ph.D. (Neuroscience, CUNY Queens). Mentor on dissertation research; published in *Psychiatry Res*. Dr. Balevich is working in the pharmaceutical industry.

2008-2009 Devorah Segal, M.D., Ph.D. (Neuroscience, ISMMS). Mentor on neuroimaging component of dissertation research; Dissertation on cingulate gyrus volume and diffusion tensor in schizophrenia; resulted in publication in *Neuroimage*. Dr. Segal went on to do a residency in pediatric neurology.

2008-2010 Erin Rich, M.D., Ph.D. (Neuroscience, ISMMS). I was a mentor on the neuroimaging component of her graduate research; “Sex differences in striatal activation in impulsive-aggressive borderline personality disorder” published in *J Psychiatry Res*. Dr. Rich completed a post-doc in the Dept. Neuroscience at the UC Berkeley and is now an Associate Professor at ISMMS.

2006-2008 Jason Schneiderman, Ph.D. (Neuroscience, ISMMS). I was a mentor and member of his thesis committee; dissertation entitled: “Age and diffusion tensor anisotropy in adolescent and adult patients with schizophrenia.” Dr. Schneiderman took a post-doctoral fellowship in the Dept. of Psychiatry at Harvard Medical School and then a full-time job working for NASA.

**Master's Thesis Supervision of Graduate Students from Dept. Psychology, New York University, NY:**

2017-2019 Nina Rose; won poster award at the annual meeting of North American Society for the Study of Personality Disorders, Pittsburgh, PA, 2019, “No words for feelings: Alexithymia in borderline personality disorder.”

2016-2018 Morgan Harnois; won first prize for her poster thesis in the Department of Psychology, NYU, “Amygdala activity in response to affective stimuli in borderline personality disorder patients with a history of suicidal behavior.”

2015-2017 Sarah Rutter; won first prize for her thesis in the Department of Psychology, NYU, “Childhood trauma, affective startle modulation, and severe depression: creating a statistical model of depression risk in combat Veterans.” Admitted to clinical psychology program at Case Western Reserve University.

2011-2013 Nicolas Fernandez; coauthor on a paper published in *J Psychiatric Research*. Admitted to doctoral program in clinical psychology at LIU.

2009-2011 Sarah Mann; first author on a paper with me on age and sex differences in the cingulate across the lifespan that was just accepted for publication and will be featured on the cover of *Brain Research*. Admitted to doctoral program in clinical psychology at Rutgers, New Jersey.

2008-2011 Emily Canfield Balevich; co-author on several publications. Admitted to neuropsychology Ph.D. program at CUNY-Queens.

2005-2006 Cathryn Glanton; co-author on two publications in 2008 in *Neuroimage* and *Schizophr Res*.

2004-2006 Kim Goldstein; first-author on two publications and co-author on several others; completed Ph.D. in clinical psychology at Temple University in 2013; conducted her dissertation in my lab.

2004-2005 Lisa Speiser; co-author on two publications in *Biological Psychiatry*, 2005, 2007. Admitted to medical school at the University of Arizona.

2003-2005 Michelle Romero; co-author on one publication. Admitted to NYU medical school.

2001-2003 Danielle Knatz; co-author on publication in *Neurobiology of Aging*. Admitted to doctoral program in clinical psychology at University of Nevada, Las Vegas.

2001-2003 Jill Levine; co-author on publication in *Am J Psychiatry*, 2003.

2000-2002 Jimcy Platholi; co-author on four publications published from 2002-2004. Pursued graduate school in pharmacology.

1999-2001 Pauline Hsieh; co-author on publication in *Neuropsychobiology*, 2004. Pursued a Ph.D. in psychology in California.

1997-1998 Lily Ann Jeu; co-author publication in *Schizophr Res*, 2000, 43, 33-46.

1997-1999 Edward Jimenez; co-author publication in *Psychophysiology*, 1998, 35, 186-198.

**Supervision of Mount Sinai Summer Undergraduate Research Program (SURP) and Science Medicine (SciMed) Fellows:**

This 10-week undergraduate research program supported by the Graduate School of Biological Sciences allows 17-20 undergraduates with promising academic records who are applying to graduate school to gain hands-on experience working on a research project in the laboratory of a Mount Sinai faculty member. The program culminates with a Poster Day. The Science Medicine students typically matriculate into ISMMS.

2014 Ashley So, Rutgers University, "Prepulse inhibition of startle in schizophrenia."

2008 Daniel Weiner, Columbia University, "Voxel-based linear pattern classification of FDG-PET ROIs for predicting schizophrenia and treatment outcome using Eigenfaces and Fisherfaces methodologies."

2006 Nicole Spence, Emory University, "Glucose metabolism in the striatum in individuals with Impulsive aggression disorder."

**Supervision of Mount Sinai Post-Baccalaureate Research Education Program (PREP) Students:**

This 1-year program helps minority students to enhance their interest in and readiness for doctoral programs. As a mentor, I am responsible for providing hands-on experience working on a research project in my laboratory.

2008-2009 Virtue Sankoh, Topic: "Individual differences and neural mechanisms underlying verbal memory performance in schizophrenia patients and healthy controls." Gained acceptance to several doctoral programs in clinical psychology.

**Supervision of Mount Sinai Science and Medicine (SciMed) Program Students:**

This is a highly innovative summer program which aims to capture some of the country's most talented science students to a career in medicine. SciMed focuses on students studying scientific disciplines that are not traditionally pre-medical. Students apply to SciMed when they are sophomores in college and the program facilitates an in-depth study of their scientific discipline by waiving many of the pre-med requirements, including the MCAT exam. Accepted students are then expected to use that extra time for scientific study and research. The scientific disciplines targeted by SciMed are mathematics, computer science, engineering, and genetics/genomics. As part of SciMed, students participate in a 6-week summer program during which they spend time in a series of clinical rotations and they join a research lab. They spend 5 afternoons/week in my lab.

2013 Mengxi Shi, Topic: "Principal component analysis of amygdala habituation, borderline and schizotypal personality disorder traits, and emotion dysregulation".

**Undergraduate Honor's Thesis Supervision:**

1996-1997 Rayzel Kinderlehrer, Department of Psychology, Yeshiva University, Stern College for Women, New York, NY (co-author publication in the *Am J Psychiatry*, 1999, 156:1190-1199).

**Direct Supervision of Clinical Research Assistants (and immediate outcome after leaving the lab):**

2022- Sean Hollander

2022- Tasnova Ahmed

2021- Mary Kowalchyk

2021-	<i>Sagar Shah</i>
2020-	<i>Elen-Sarrah Dolgopolskaia</i>
2019-	<i>Terra Osterberg</i>
2018-2022	Abigail Feinberg (master's degree in public health at Columbia University)
2017-2020	Daniel Vaccaro (medical school at Columbia University School of Medicine).
2015-2017	Caitlin Kelliher (full-time position at a start-up medical device company in NYC).
2013-2015	Nicholas Blair (medical school at Albert Einstein College of Medicine, NY).
2013-2015	Michelle Feder (Ph.D. program in clinical psychology at Yeshiva University, NY).
2011-2013	Nicolas Fernandez (Ph.D. program in clinical psychology at Long Island University, NY).
2009-2011	Jeanine Kolaitis (nursing school at New York University).
2008-2009	Daniel Weiner (medical school at UMDNJ).
2004-2007	Kim Goldstein (Ph.D. program in clinical psychology at Temple University).
2003-2007	Randall Newmark (Ph.D. program in Neuroscience at Boston University).
2002-2003	Michael Fleischman (Ph.D. program in computer science at MIT).
1999-2001	Jesse Brand, (Ph.D. program in clinical psychology at Fordham University).
1999-2001	Robert Shaw (medical school at Stanford University).
1997-2000	Adam Brickman (Ph.D. program in clinical psychology from Queen's College, NY).
1996-1998	Rachel Bloom (medical school at Stony Brook School of Medicine).
1993-1996	Marja Germans (Ph.D. program in clinical psychology at UC Berkeley).

### **AWARDS WON BY MENTEES CONDUCTING WORK IN MY LABORATORY**

*Ms. Abigail Feinberg (Clinical research assistant)*

2019 Gave a Flash Talk in highly selective (top 1% of all student abstract submissions were selected) “Faces of the Future” symposium at the annual meeting of the Society for Psychophysiological Research, Washington, D.C., 2019, “Amygdala habituation to unpleasant pictures in borderline personality disorder patients with and without a history of suicidal behavior.”

*Ms. Nina Rose (NYU graduate student, Master's in psychology program)*

2019 Poster award at the annual meeting of North American Society for the Study of Personality Disorders (NASSPD), Pittsburgh, PA, 2019, “No words for feelings: Alexithymia in borderline personality disorder.”

*Ms. Sarah Rutter (NYU graduate student, Master's in psychology program)*

2018 Master's Award for Academic Achievement in the Sciences (1<sup>st</sup> Place), New York University Graduate School of Arts and Science. Thesis title: “Childhood trauma, affective startle modulation, and severe depression: Creating a statistical model of depression risk in Veterans.”

*Ms. Morgan Harnois (NYU graduate student, Master's in psychology program)*

2018 Best Poster Award, Department of Psychology, New York University. “Amygdala activity in response to affective stimuli in borderline personality disorder patients with a history of suicidal behavior.”

*Dr. Marc Lener (Psychiatry resident, ISMMS)*

2014 Resident-Fellow Best Paper Award (3<sup>rd</sup> Place), American Psychiatric Association New York County (District Branch) for his paper entitled, "White matter abnormalities in schizophrenia and schizotypal personality disorder". This paper is also published in *Schizophrenia Bulletin*.

*Dr. Perez-Rodriguez (MIRECC Fellow) received several awards for an imaging-genetics paper:*

2014 Resident-Fellow Best Paper Award (1<sup>st</sup> Place), American Psychiatric Association New York County (District Branch)

2014 APA/Lilly Resident Research Award

2014 North American Society for the Study of Personality Disorders (NASSPD) Young Investigator Award

2014 New Investigator Award, International Society for CNS Clinical Trials Methodology (ISCTM)

2013 New York State Psychiatric Association Annual Scientific Paper Contest Award

2013 Best Clinical Research Poster Award, Mount Sinai Graduate Medical Education Research Day

## **TEACHING RECORD**

### **Tutorial Research Sponsor:**

1997-

*New York University, Responsibilities include: supervising all aspects of thesis research projects (e.g., formulating hypothesis, data analysis, writing of thesis, oral presentation of thesis) being conducted by Master's students in the Department of Psychology, New York University. These graduate students have selected a research topic related to my ongoing research (note: this is an unpaid teaching position).*

### **Adjunct Professor:**

1997-2002

Introductory Psychology (undergraduate-level summer course), University of Connecticut, Stamford, CT. Responsible for all aspects of teaching the course: e.g., preparing and giving lectures on various areas of Psychology including: Social, Personality, and Psychopathology/Treatment; preparing and giving in-class exercises/labs to supplement lecture material; preparing, administering, and grading examinations. Supervisor: Jerome Sehulster, Ph.D., Assistant Department Chair

### **Teaching Assistant:**

1991

Psychophysiology, graduate-level course, Fall semester, University of Southern California, Supervisor: Michael E. Dawson, Ph.D., Duties: teach laboratory sections on recording and quantification techniques for skin conductance, heart rate, digital pulse volume, electroencephalography (EEG and ERPs), and electromyography (EMG). Duties also included meeting with students on their research paper topics and grading of lab reports, term papers, oral presentations, and written examinations.

1989-1991

Research Design, undergraduate-level course, Spring semester, University of Southern California, Supervisor: Michael E. Dawson, Ph.D. Duties: teach laboratory sections demonstrating research methodology including data collection, statistical analysis, and report writing. Duties also included supervising all aspects of individual student research projects, grading of lab reports, APA style write-up of research projects, oral presentations, and written examinations.

1988

Psychophysiology, undergraduate-level course, Fall semester, University of Southern California, Supervisor: Michael E. Dawson, Ph.D.

## **MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

Association for Psychological Science

Society for Psychophysiological Research

Society for Research in Psychopathology

North American Society for the Study of Personality Disorders

## **EDITORIAL ACTIVITIES**

Associate Editor: *Psychophysiology*

Editorial Board Member: *Journal of Personality Disorders, Psychiatry Research*

Ad Hoc Editorial Consultant: *American Journal of Psychiatry, JAMA Psychiatry, Biological Psychiatry, Neuropsychopharmacology, NeuroImage, Biological Psychology, Psychophysiology, Journal of Abnormal Psychology, Schizophrenia Research*

**PUBLICATIONS IN CHRONOLOGICAL ORDER (MOST RECENT FIRST)****(first, second, and senior authored papers in bold font)***‡denotes a paper that was featured on the cover of the journal or website**\*denotes a paper with a graduate student trainee, post-doctoral fellow trainee, junior faculty trainee, or colleague conducting work under my direct supervision.***Google Scholar Report conducted on 2/22/22: Total citations=16,143; H-index=72.****Selected peer-reviewed publications in PubMed are listed here:**<https://www.ncbi.nlm.nih.gov/myncbi/10C-rZHWcrxAp/bibliography/public/>**2022; In press; Under revision; Under review; In prep:**

178. Goldstein KE, Challman K, Klein, M, Goodman M, Haznedar, MM, Myers CE, Interian A, **Hazlett EA** (in prep). Cognitive and motor impulsivity in Veterans at high and low risk for suicide.
177. Calabrese WR, Lopez MM, Koenigsberg HW, New AS, Rosell DR, Hazlett EA, McClure MM, Perez-Rodriguez MM (under review). The structure of antagonism: A hierarchical model of aggression-related psychopathology.
176. Chan CC, Norel R, Agurto C, Lysaker PH, Myers EJ, Hazlett EA, Corcoran CM, Minor KS, Cecchi GA (under review). Emergence of language related to self-experience and agency in autobiographical narratives of individuals with schizophrenia.
175. Cooley C, Schulz, KP, Smith, Hazlett EA, New AS, Perez-Rodriguez M, Rosell D, McClure M, Goodman M, & Koenigsberg HW (under review). The relationship between alexithymia and aggression type in borderline personality disorder.
174. Chan CC, Alter S, Hazlett EA, Shafritz K, Yehuda R, Goodman M, Haznedar MM, & Szeszko PR (under review). A neurobiological framework for conceptualizing behavioral impulsivity in bipolar disorder.
173. Bralet MC, Goodman C, Lincoln S, Hazlett EA, & Buchsbaum MS (under revision). FDG-PET scans in patients with alcohol use disorder.
172. Szeszko PR, Bierer LM, Bader H, Chu KW, Hazlett EA, Tang CY, Flory JD, & Yehuda R (under review). Cingulate and hippocampal subregion abnormalities in combat exposed veterans with PTSD.
171. Goldstein KE, Feinberg A, Vaccaro D, Chu KW, Goodman M, Klein M, Haghghi F, Yehuda R, Szeszko PR, Osterberg T, Tang CY, Haznedar MM, & **Hazlett EA** (under review). Smaller anterior rostral cingulate volume and less grit in Veterans at risk for suicide.
170. Rosell DR, Slifstein M, Thompson J, Perez-Rodriguez MM, McClure MM, Hazlett EA, New AS, Nabulsi N, Huang Y, Carson RE, Siever L, Abi-Dargham A, & Koenigsberg HW (under review). Serotonin transporter availability in physically aggressive personality disordered patients: Associations with trait and state aggression, and response to fluoxetine.
168. **Hazlett EA**, Goldstein KE, Haznedar MM, McClure MM, Perez-Rodriguez MM, New AS, Goodman M, Kapil-Pair KN, Feinberg A, Smith E, & Dolgopolskaia E (under revision). Hyperreactivity and impaired habituation of startle amplitude during unpleasant pictures in borderline but not schizotypal personality disorder: Quantifying emotion dysregulation.
169. Sullivan SR, Spears AP, Crasta D, Mitchell EL, Stanley B, Dixon L, Glynn S, Hazlett EA, & Goodman M (in press). A Pilot Randomized Control Trial of a Safety Planning Intervention Dyadic Treatment: Safe Actions for Families to Encourage Recovery (SAFER). *Couple and Family Psychology: Research and Practice*.
167. Myers CE, Dave C, Callahan M, Chesin MS, Keilp JG, Beck KD, Brenner LA, Goodman MS, Hazlett EA, Niculescu AB, St. Hill L, & Interian A (in press). Improving the prospective prediction of a near-term suicide attempt in Veterans using a Go/NoGo task. *Psychological Med.*

166. Szeszko PR, Gohel S, Vaccaro DH, Chu KW, Tang CY, Goldstein KE, New AS, Siever LJ, McClure MM, Perez-Rodriguez MM, Haznedar MM, Byne W, & **Hazlett EA** (2022). Frontotemporal thalamic connectivity in schizophrenia and schizotypal personality disorder. *Psychiatry Res Neuroimaging*. 322:111463. PMID: 35240516.

165. **Hazlett EA**. Section on Schizotypal Personality Disorder in Personality Disorders. In: (M Zimmerman, Section Ed.) *Diagnostic and Statistical Manual of Mental Disorders* (Fifth Edition; Text Revision; DSM-5-TR) (2022). American Psychiatric Association, Washington, DC.

\*164. \*Edwards ER, Gromatsky M, Sissoko DRG, Geraci J, Hazlett EA, & Goodman M (2022). Arrest history and psychopathology among Veterans at risk for suicide. *Psychol Serv* 19:146-156. PMID: 33119341.

**2021:**

163. Sher L, Kilmade ME, Feinberg A, Govindarajulu U, Byne W, Kahn R, & **Hazlett EA** (2021). Clinical features and psychiatric comorbidities in military Veterans with schizophrenia with or without suicidality. *J Psychiatr Res* 143:262-267. PMID: 34517189.

162. Alter S, Wilson C, Sun S, Hazlett EA, Goodman M, Ge Y, Yehuda R, Galfalvy H, Harris R, Wang Z, Vitale A, & Haghghi F (2021). The association of childhood trauma with sleep disturbances and risk of suicide in U.S. Veterans. *J Psychiatr Res* 136:54-62. PMID: 33561736.

\*161. \*Gromatsky M, Edwards E, Goodman M, & **Hazlett EA** (2021). Distinguishing Veterans with suicidal ideation from suicide attempt history: The role of emotion reactivity. *Suicide Life Threat Behav* 51:572-585. PMID: 33665891.

\*160. \*Edwards ER, Rose NLJ, Gromatsky M, Feinberg A, Kimhy D, Doucette JT, Goodman M, McClure MM, Perez-Rodriguez MM, New AS, & **Hazlett EA** (2021). Alexithymia, affective lability, impulsivity, and early life trauma in borderline personality disorder. *J Pers Disord* 35:114-131. PMID: 33650890.

\*159. \*Goldstein KE, Feinberg A, Szeszko J, New AS, Haznedar MM, Chu KW, Tang CY, & **Hazlett EA** (2021). Anomalous amygdala habituation to unpleasant stimuli among unmedicated individuals with borderline personality disorder and a history of self-harming behavior. *J Pers Disord* 35:618-631. PMID: 33779281.

158. Goodman M, Sullivan SR, Spears AP, Dixon L, Sokol Y, Kapil-Pair KN, Galfalvy HC, Hazlett EA, & Stanley B (2021). An open trial of a suicide safety planning group treatment: "Project Life Force." *Arch Suicide Res* 25:690-703. PMID: 32290789.

**2020:**

157. Gatzke-Kopp L, Karayanidis F, Bartholow BD, Fabiani M, Hess U, Hazlett EA, Larson CL, McTeague L, Moser J, Page-Gould E, Sass S, Silton R, Ullsperger M, Weinberg A, Wieser M, & Yee-Bradbury C (2020). SPR statement on racial injustice, editorial. *Psychophysiology* 57:e13634. PMID: 32614474.

156. Thompson JL, Rosell DR, Slifstein M, Xu X, Rothstein E, Modiano YA, Kegeles LS, Koenigsberg HW, New AS, Hazlett EA, McClure MM, Perez-Rodriguez MM, Siever LJ, & Abi-Dargham A (2020). Amphetamine-Induced Striatal Dopamine Release in Schizotypal Personality Disorder. *Psychopharmacology* 237:2649-2659. PMID: 32572588.

\*155. \*Chan CC, Vaccaro DH, Rose NLJ, Kessler LE, & **Hazlett EA** (2020). Neuroimaging in personality disorders. In: CW Lejuez, & KL Gratz (Eds), *The Cambridge Handbook of Personality Disorders* (pp 3-19). New York: Cambridge University Press.

**2019:**

\*154. \*McClure MM, Graff FS, Triebwasser J, Perez-Rodriguez MM, Rosell D, Szeszko PR, Chu KW, New AS, Siever LJ, & **Hazlett EA** (2019). Neuroimaging predictors of response to cognitive remediation and social skills training: A pilot study in Veterans with schizophrenia. *Psychiatry Res Neuroimaging* 293:110988. PMID: 31655369.

\*153. \*Goldstein KE, Haznedar MM, Alloy LB, Drabick DAG, McClure MM, New AS, Chu KW, Vaccaro D, Tang CY, Meyerson D, & **Hazlett EA** (2019). Diffusion tensor anisotropy in the cingulum in borderline and schizotypal personality disorder. *Psychiatry Res* 279:353-357. PMID: 31101379.

152. Velikonja T, Velthorst E, McClure MM, Rutter S, Calabrese WR, Rosell D, Koenigsberg HW, Goodman M, New AS, Hazlett EA, & Perez-Rodriguez MM (2019). Severe childhood trauma and clinical and neurocognitive features in schizotypal personality disorder. *Acta Psychiatr Scand* 140:50-64. PMID: 30951190.

151. McClure MM, Graff F, Triebwasser J, Perez-Rodriguez MM, Rosell D, Koenigsberg H, Hazlett EA, Siever LJ, Harvey PD, & New AS (2019). Guanfacine augmentation of a combined intervention of computerized cognitive remediation therapy and social skills training in the schizophrenia spectrum. *Am J Psychiatry* 176:307-314. PMID: 30654644.

\*150. \*Chan CC, Bulbena-Cabre A, Rutter S, Benavides C, McClure MM, Calabrese W, Rosell DR, Koenigsberg HW, Goodman M, New AS, Hazlett EA, Perez-Rodriguez MM (2019). Comparison of self-report and clinician-rated schizotypal traits in schizotypal personality disorder and community controls. *Schizophr Res* 209:263-268. PMID: 30635257.

149. **Hazlett EA**, Vaccaro DH, Haznedar MM, & Goldstein KE (2019).  $^{18}\text{F}$ -Fluorodeoxyglucose positron emission tomography studies of the schizophrenia spectrum: The legacy of Monte S. Buchsbaum, M.D. *Psychiatry Res* 277:39-44. PMID: 31229307.

148. \*Sher L, Rutter SB, New AS, Siever LJ, & **Hazlett EA** (2019). Gender differences and similarities in aggression, suicidal behaviour, and psychiatric comorbidity in borderline personality disorder. *Acta Psychiatr Scand* 139:145-153. PMID: 30353921.

### **2018:**

\*147. \*Chan CC, Szeszko PR, Wong E, Tang CY, Kelliher C, Penner JD, Perez-Rodriguez MM, Rosell DR, McClure MM, Roussos P, New AS, Siever LJ, & **Hazlett EA** (2018). Frontotemporal cortical volume, white matter tract integrity, and hemispheric asymmetry in schizotypal personality disorder. *Schizophr Res* 197:226-232. PMID: 29454512.

146. Goodman M, Chen J, & **Hazlett EA** (2018). Neurobiological underpinnings of psychosocial treatment in personality disorders. In: C Schmahl, KL Phan, RO Friedel, & LJ Siever (Eds), *Neurobiology of Personality Disorders* (pp 405-414). New York: Oxford University Press.

145. Mitelman SA, Buchsbaum MS, Young DS, Haznedar MM, Hollander E, Shihabuddin L, Hazlett EA, & Bralet MC (2018). Increased white matter metabolic rates in autism spectrum disorder and schizophrenia. *Brain Imaging Behav* 12:1290-1305. PMID: 29168086.

144. Vora AK, Fisher AM, New AS, Hazlett EA, McNamara M, Yuan Q, Zhou Z, Hodgkinson C, Goldman D, Siever LJ, Roussos P, & Perez-Rodriguez MM (2018). Dimensional traits of schizotypy associated with glycine receptor *GLRA1* polymorphism: An exploratory candidate-gene association study. *J Personality Dis* 32:421-432. PMID: 28758885.

143. Mitelman SA, Bralet MC, Haznedar MM, Hollander E, Shihabuddin L, Hazlett EA, & Buchsbaum MS (2018). Positron emission tomography assessment of cerebral glucose metabolic rates in autism spectrum disorder and schizophrenia. *Brain Imaging Behav* 12:532-546. PMID: 28425060.

### **2017:**

\*142. \*Perez-Rodriguez MM, New AS, Goldstein KE, Rosell D, Yuan Q, Zhou Z, Hodgkinson C, Goldman D, Siever LJ, & **Hazlett EA** (2017). Brain-derived neurotrophic factor Val66Met genotype modulates amygdala habituation. *Psychiatry Res* 263:85-92. PMID: 28371657.

\*141. \*Ivanov I, Dickstein D, Fernandez C, Mitsis EM, Wong E, Tang CY, Simantov J, Bang C, Moshier E, Sano M, Elder G, & **Hazlett EA** (2017). Blast exposure, white matter integrity, and cognitive function in Iraq and Afghanistan combat Veterans. *Front Neurol* 8:127:1-13. PMID: 28484418.

140. Goodman M & **Hazlett EA** (2017). Letter to the Editor: Response to Dr. Kronemyer's letter to the editor regarding "A randomized trial of dialectical behavior therapy in high-risk suicidal Veterans." *J Clin Psychiatry* 78:e311. PMID: 28394515.

139. Mitelman SA, Bralet MC, Haznedar MM, Hollander E, Shihabuddin L, Hazlett EA, & Buchsbaum MS (2017). Diametrical relationship between gray and white matter volumes in autism spectrum disorder and schizophrenia. *Brain Imaging Behav* 11:1823-1835. PMID: 27882449.

**2016:**

138. Goodman M, Banthin D, Blair NJ, Mascitelli KA, Wilsnack J, Chen J, Messenger JW, Perez-Rodriguez MM, Triebwasser J, Koenigsberg HW, Goetz RR, Hazlett EA, & New AS (2016). A randomized trial of dialectical behavior therapy in high-risk suicidal Veterans. *J Clin Psychiatry* 77:e1591-e1600. PMID: 27780335.

137. Sher L, Fisher AM, Kelliher CH, Penner JD, Goodman M, Koenigsberg HW, New AS, Siever LJ, & **Hazlett EA** (2016). Clinical features and psychiatric comorbidities of borderline personality disorder patients with versus without a history of suicide attempt. *Psychiatry Res* 246:261-266. PMID: 27728869.

136. **Hazlett EA**, Blair NJ, Fernandez N, Mascitelli K, Perez-Rodriguez MM, New AS, Goetz RR, & Goodman M (2016). Startle amplitude during unpleasant pictures is greater in Veterans with multiple-suicide attempts and predicts a future suicide attempt. *Psychophysiology* 53:1524-1534. PMID: 27378071.

135. Bralet MC, Buchsbaum MS, DeCastro A, Hazlett EA, Haznedar MM, Shihabuddin L, & Mitelman SA (2016). FDG-PET scans in patients with Kraepelinian and non-Kraepelinian schizophrenia. *Eur Arch Psychiatry Clin Neurosci* 266:379. PMID: 26620489.

\*134. \*Goldstein KE, Berlin HA, Hamilton HK, Mitsis EM, McClure MM, Savage KR, Blair NJ, Feder MR, Siever LJ, New AS, & **Hazlett EA** (2016). Neurocognition and temperament in borderline and schizotypal personality disorders. *Psychology* 7:292-299.

133. **Hazlett EA** (2016). Invited commentary: Neural substrates of emotion processing abnormalities in borderline personality disorder. *Biol Psychiatry* 79:74-75. PMID: 26674587.

**2015:**

132. Sher L, Siever LJ, Goodman M, McNamara M, Hazlett EA, Koenigsberg HW, & New AS (2015). Gender differences in the clinical characteristics and psychiatric comorbidity in patients with antisocial personality disorder. *Psychiatry Res* 229:685-689. PMID: 26296756.

\*131. \*Balevich EC, Haznedar MM, Wang E, Newmark RE, Bloom R, Schneiderman JS, Aronowitz J, Tang CY, Chu KW, Byne W, Buchsbaum MS, & **Hazlett EA** (2015). Corpus callosum size and fractional anisotropy in adolescents and adults with schizophrenia. *Psychiatry Res Neuroimaging* 231:244-251. PMID: 25637358.

\*130. \*Rosell DR, Zaluda LC, McClure MM, Perez-Rodriguez M, Strike KS, Barch DM, Harvey PD, Girgis RR, Hazlett EA, Mailman RB, Abi-Dargham A, Lieberman JA, & Siever LJ (2015). Effects of the D1 dopamine receptor agonist dihydrexidine (DAR-0100A) on working memory in schizotypal personality disorder. *Neuropsychopharmacology* 40:446-453. PMID: 25074637.

\*129. \*Lener MS, Wong E, Tang CY, Byne W, Goldstein KE, Blair NJ, Haznedar MM, New AS, Chemerinski E, Chu KW, Rimsky LS, Siever LJ, Koenigsberg HK & **Hazlett EA** (2015). White matter abnormalities in schizophrenia and schizotypal personality disorder. *Schizophrenia Bull* 41:300-310. PMID: 24962608.

128. **Hazlett EA**, Rothstein EG, Ferreira R, Silverman JM, Siever LJ, & Olincy A (2015). Sensory gating disturbances in the spectrum: Similarities and differences in schizotypal personality disorder and schizophrenia. *Schizophr Res* 161:283-290. PMID: 25482574.

**2014:**

\*127. \*Goodman M, Carpenter D, Tang CY, Goldstein KE, Avedon J, Fernandez N, Mascitelli KA, Blair NJ, New AS, Triebwasser J, Siever LJ, & **Hazlett EA** (2014). Dialectical behavior therapy alters emotion regulation and amygdala activity in patients with borderline personality disorder. *J Psychiatr Res* 57:108-116. PMID: 25038629.

126. Thompson JL, Rosell DR, Slifstein M, Girgis RR, Xu X, Ehrlich Y, Kegeles LS, Hazlett EA, Abi-Dargham A, & Siever LJ (2014). Prefrontal dopamine D1 receptors and working memory in schizotypal personality disorder: a PET study with [<sup>11</sup>C]NNC112. *Psychopharmacology* 231:4231-4240. PMID: 24781514.

125. **Hazlett EA**, Lamade RV, Graff FS, McClure MM, Kolaitis JC, Goldstein KE, Siever LJ, Godbold JH, & Moshier E (2014). Visual-spatial working memory performance and temporal gray matter volume predict schizotypal personality disorder group membership. *Schizophr Res* 152:350-357. PMID: 24398009.

**2013:**

124. Roussos P, Bitsios P, Giakoumaki SG, McClure MM, Hazlett EA, New AS, & Siever LJ (2013). CACNAIC as a risk factor for schizotypal personality disorder and schizotypy in healthy individuals. *Psychiatry Res* 206:122-123. PMID: 22985546.

\*123. \*Chemerinski E, Byne W, Kolaitis JC, Glanton CF, Canfield EL, Newmark RE, Haznedar MM, Novakovic V, Chu KW, Siever LJ, & **Hazlett EA** (2013). Larger putamen size in antipsychotic-naïve individuals with schizotypal personality disorder. *Schizophr Res* 143:158-164. PMID: 23187070.

122. New AS, Carpenter DM, Perez-Rodriguez MM, Ripoll LH, Avedon J, Patil U, Hazlett EA, & Goodman M (2013). Developmental differences in diffusion tensor imaging parameters in borderline personality disorder. *J Psychiatr Res* 47:1101-1109. PMID: 23628384.

\*121. \*Zhang J, Buchsbaum MS, Chu KW, & **Hazlett EA** (2013). A manual, semi-automated and automated ROI study of fMRI hemodynamic response. *Stud Health Technol Inform* 192:921. PMID: 23920695.

**2012:**

120. **Hazlett EA**, Zhang J, New AS, Zelmanova Y, Goldstein KE, Haznedar MM, Meyerson D, Goodman M, Siever LJ, & Chu KW (2012). Potentiated amygdala response to repeated emotional pictures in borderline personality disorder. *Biol Psychiatry* 72:448-456. PMID: 22560044. **This paper made the list of most highly cited 2012 original articles for Biol Psychiatry.**

119. **Hazlett EA**, Goldstein KE, & Kolaitis JC (2012). A review of structural MRI and diffusion tensor imaging in schizotypal personality disorder. *Curr Psychiatry Rep* 14:70-78. PMID: 22006127.

118. **Hazlett EA**, Collazo T, Zelmanova Y, Entis JJ, Chu KW, Goldstein KE, Roussos P, Haznedar MM, Koenigsberg HW, New AS, Buchsbaum MS, Hershowitz JP, Siever LJ, & Byne W (2012). Anterior limb of the internal capsule in schizotypal personality disorder: Fiber-tract counting, volume, and anisotropy. *Schizophrenia Res* 141:119-127. PMID: 22995934.

\*117. \*Perez-Rodriguez MM, **Hazlett EA**, Rich EL, Ripoll LH, Weiner DM, Spence N, Goodman M, Koenigsberg HK, Siever LJ, & New AS (2012). Striatal activity in borderline personality disorder with comorbid intermittent explosive disorder: Sex differences. *J Psychiatr Res* 46:797-804. PMID: 22464337.

116. New AS, aan het Rot M, Ripoll LH, Perez-Rodriguez MM, Lazarus S, Zipursky E, Weinstein SR, Koenigsberg HW, Hazlett EA, Goodman M, & Siever LJ (2012). Empathy and alexithymia in borderline personality disorder: Clinical and laboratory Measures. *J Personality Dis* 26:660-675. PMID: 23013336.

**2011:**

- \*115. \*Goldstein KE, **Hazlett EA**, Savage KR, Berlin HA, Hamilton HK, Zelmanova Y, Look AE, Koenigsberg HW, Mitsis EM, Tang CY, McNamara M, Siever LJ, Cohen BH, & New AS (2011). Dorso- and ventro-lateral prefrontal volume and spatial working memory in borderline and schizotypal personality disorder. *Beh Brain Res* 218:335-340. PMID: 21115066.
- \*114. \*Goodman M, **Hazlett EA**, Avedon JB, Siever DR, Chu KW, & New AS (2011). Anterior cingulate volume reduction in adolescents with borderline personality and co-morbid major depression. *J Psychiatr Res* 45:803-807. PMID: 21145068.
- 113. **Hazlett EA**, Goldstein KE, Tajima-Pozo K, Speidel ER, Zelamanova Y, Entis JJ, Silverman JM, New AS, Koenigsberg HW, Haznedar MM, Byne W, & Siever LJ (2011). Cingulate and temporal lobe fractional anisotropy in schizotypal personality disorder. *Neuroimage* 55:900-908. PMID: 21223999.
- ‡\*112.\*Mann SL, **Hazlett EA**, Byne W, Hof PR, Buchsbaum MS, Cohen BH, Goldstein KE, Haznedar MM, Mitsis EM, Siever LJ, & Chu KW (2011). Anterior and posterior cingulate cortex volume in healthy adults: Effects of aging and gender differences. *Brain Research* 1401:18-29. **This paper was featured on the cover of this issue of Brain Research.** PMID: 21669408.
- \*111. \*Schneiderman JS, **Hazlett EA**, Chu KW, Zhang J, Goodman CR, Newmark RE, Torosjan Y, Canfield E, Entis J, Mitropoulou V, Tang CT, Friedman J, & Buchsbaum MS (2011). Brodmann area analysis of white matter anisotropy and age in schizophrenia. *Schizophr Res* 130: 57-67. PMID: 21600737.
- 110. Horga G, Bernacer J, Dusi N, Entis J, Chu K, Hazlett EA, Haznedar MM, Kemether E, Byne W, & Buchsbaum MS (2011). Correlations between ventricular enlargement and gray and white matter volumes of cortex, thalamus, striatum, and internal capsule in schizophrenia. *Eur Arch Psychiatry Clin Neurosci* 261:467-76. PMID: 21431919.

**2010:**

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5. Buchsbaum MS, Wu J, DeLisi LE, Holcomb H, Kessler R, Johnson J, King AC, Hazlett E, Langston K, & Post RM (1986). Frontal cortex and basal ganglia metabolic rates assessed by positron emission tomography with [18F]2-deoxyglucose in affective illness. *J Affect Disord* 10:137-152. PMID: 2941470.
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2. Buchsbaum MS, Cappeletti J, Ball R, Hazlett E, King AC, Johnson J, Wu J, & DeLisi LE (1984). Positron emission tomographic image measurement in schizophrenia and affective disorders. *Ann Neurology* 15:157-165. PMID: 6611116.
1. Buchsbaum MS, DeLisi LE, Holcomb HH, Cappeletti J, King AC, Johnson J, Hazlett E, Dowling-Zimmerman S, Post RM, & Morihisa J (1984). Anteroposterior gradients in cerebral glucose use in schizophrenia and affective disorders. *Arch Gen Psychiatry* 41:1159-1166. PMID: 6334502.

#### **CONFERENCE TALKS/PRESENTATIONS (only presenter/first-authored ones are listed)**

Hazlett EA (2022). Hyperreactivity and impaired habituation of startle amplitude during unpleasant pictures in borderline but not schizotypal personality disorder: Quantifying emotion dysregulation. Presented at the annual meeting of the Society of Biological Psychiatry, New Orleans, LA.

Hazlett EA (2021). Smaller anterior rostral cingulate volume and less grit in Veterans at high-risk for suicide. Presented at the annual meeting of the Society for Research in Psychopathology. Virtual meeting due to COVID-19 pandemic. Sept. 23-26, 2021.

Hazlett EA (2021). The neurobiology of personality disorders: Neuroimaging and psychophysiological approaches. Psychiatry Grand Rounds, Mount Sinai Morningside-West Hospital. April 4, 2021.

Hazlett EA (2021). Studying emotion processing in individuals at risk for suicide: Neuroimaging and psychophysiological approaches. Invited talk, William K. Warren, Jr. Frontiers in Neuroscience Conference, Laureate Institute for Brain Research (LIBR), Tulsa, OK. Virtual due to COVID-19 pandemic. March 4, 2021.

Hazlett EA (2021). Studying the neurobiology of personality disorders: Neuroimaging and psychophysiological approaches. Psychiatry Virtual Lecture Series, ISMMS. February 10, 2021.

Hazlett EA (2020). Brains: Dead or Alive. Webinar presentation through VISN 2 MIRECC Webinar Series, virtual event, 165 attendees. October 28, 2020.

Hazlett EA (2020). Psychophysiological markers of suicide risk in Veterans. Presented at the annual meeting of the Society for Psychophysiological Research, Vancouver, Canada. Symposium, "Big Ideas." Virtual due to COVID-19 pandemic.

Hazlett EA (2020). Differences between amygdala functional connectivity in Veterans with major depression: Suicide attempters vs. non-attempters. Presented at the annual meeting of the Society of Biological Psychiatry, New York, NY. Virtual due to COVID-19 pandemic.

Hazlett EA (2019). Habituation of amygdala response to unpleasant pictures in borderline personality disorder. Presented in paper session, "Personality Disorders" at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

Hazlett EA (2019). Amygdala habituation to unpleasant pictures in borderline personality disorder patients with and without a history of suicidal behavior. Presented in the symposium, "Neurobiology of suicide in borderline personality disorder" at the IASR/AFSP International Summit on Suicide Research, Miami Beach, FL.

Hazlett EA (2019). Thalamo-cortical abnormalities in schizotypal personality disorder and schizophrenia. Presented at the annual meeting of the Congress of the Schizophrenia International Research Society (SIRS), Orlando, FL.

Hazlett EA (2018). Multimodal neuroimaging in schizotypal and borderline personality disorders. Grand Rounds at Lincoln Hospital, Bronx, NY. December 4, 2018.

Hazlett EA (2018). Multimodal neuroimaging in schizotypal personality disorder. Presented at the 6th annual meeting of the North American Society for the Study of Personality Disorders, New York, NY.

Hazlett EA (2017). Resting-state network abnormalities in unmedicated individuals with schizotypal personality disorder. Presented at the annual meeting of the American College of Neuropsychopharmacology, Palm Springs, CA.

Hazlett EA (2017). Resting state default mode network abnormalities in unmedicated schizotypal personality disorder. Presented at the annual meeting of the Society for Psychophysiological Research, Vienna, Austria.

Hazlett EA (2017). Default mode network abnormalities in antipsychotic-naïve schizotypal personality disorder. Presented at the annual meeting of the Society of Biological Psychiatry, San Diego, CA.

Hazlett EA (2017). Symposium Chair: Neurobiology of treatment response in borderline personality disorder. Presented at the 5th annual meeting of the North American Society for the Study of Personality Disorders, New York, NY.

Hazlett EA (2017). Delineating emotion-processing abnormalities in individuals at risk for suicide with a multimodal psychophysiological approach. Invited talk, Psychology Department, University of Massachusetts, Amherst. February 23, 2017.

Hazlett EA (2016). Startle amplitude during unpleasant picture processing is greater in Veterans with a history of multiple-suicide attempts. Presented at the annual meeting of the Society for Research in Psychopathology, Baltimore, MD.

Hazlett EA (2016). Affective startle during unpleasant pictures predicts a future suicide attempt in Veterans. Presented at the annual meeting of the Society for Psychophysiological Research, Minneapolis, MN. *Psychophysiology* 53:S19.

Hazlett EA (2016). Amygdala volume and symptom correlates in borderline and schizotypal personality disorders. Presented at the 4th annual meeting of the North American Society for the Study of Personality Disorders, New York, NY.

Hazlett EA (2016). Breakthroughs in the understanding and treatment of personality pathology. Symposium Discussant. Presented at the annual meeting of the American Psychiatric Association, Atlanta, Georgia.

Hazlett EA (2015). Gender differences in affective startle modulation and emotion regulation in borderline personality disorder. Presented at the annual meeting of the Society for Psychophysiological Research, Seattle, WA. *Psychophysiology* 52:S94.

Hazlett EA (2015). Amygdala-prefrontal cortex functional connectivity abnormalities in borderline and schizotypal personality disorder patients. Presented at the 3rd annual meeting of the North American Society for the Study of Personality Disorders, Boston, MA.

Hazlett EA, Blair NJ, Fernandez NG, Mascitelli KA, Banthin D, & Goodman M (2014). Greater affective startle during unpleasant pictures and emotion dysregulation in multiple- compared to single-suicide attempters and ideators. Presented at the annual meeting of the Society for Psychophysiological Research, Atlanta, Georgia. *Psychophysiology* 51:S21.

Hazlett EA, Blair NJ, Fernandez N G, New AS, Mascitelli KA, Banthin D, & Goodman M (2014). Greater affective startle during unpleasant pictures and emotion dysregulation in multiple compared to single-suicide attempters and Ideators. Presented at the annual meeting of the Society of Biological Psychiatry, New York, NY. *Biol Psychiatry* 75:291S.

Hazlett EA (2014). Borderline traits and affective startle amplitude during unpleasant picture processing predict severity of suicidal behavior. Presented at the 2nd annual meeting of the North American Society for the Study of Personality Disorders, Boston, MA.

Hazlett EA, Fernandez N, Mascitelli KA, Sasso S, New AS, & Goodman M (2013). Exaggerated affective startle modulation and severity of suicidal behavior: A potential biomarker for suicide risk? Presented at the annual meeting of the Society for Psychophysiological Research, Florence, Italy. *Psychophysiology* 50:S89.

Hazlett EA (2013). Neuroimaging in schizotypal personality disorder: Attenuated schizophrenia-like or regionally-specific abnormalities? Presented at the 11<sup>th</sup> Congress of the Italian Society of Biological Psychiatry, Naples, Italy.

Hazlett EA, Fernandez N, Sasso S, Mascitelli KA, New AS, & Goodman M (2013). Larger startle-eyeblink amplitude during unpleasant pictures = greater severity of suicidal behavior: A promising endophenotype for RDoC. Presented at the annual meeting of the Society of Biological Psychiatry, San Francisco, CA. *Biol Psychiatry* 73:162S.

Hazlett EA (2013). Abnormal affective startle habituation to cue-specific unpleasant pictures in borderline personality disorder. Presented at the 1st annual meeting of the North American Society for the Study of Personality Disorders, Boston, MA.

Hazlett EA (2012). A nonverbal, quantitative measure of emotion dysregulation in Veterans: Is affective startle A potential biomarker for suicide? Presented at the annual meeting of the Society of Psychoneuroendocrinology, New York, NY. *European J Psychotraumatology* 3.

Hazlett EA, & Goodman M (2012). Neuroimaging findings in adolescent-onset borderline personality disorder. Presented at the annual meeting of the American Psychiatric Association, Philadelphia, PA.

Hazlett EA, Hildebrandt T, Fernandez NG, Goldstein KE, Varangis E, Loeb K, & Chu KW (2012). A spectrum of emotion dysregulation in bulimia measured with affective startle. Presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA. *Psychophysiology* 49:S70-S71.

Hazlett EA, Carpenter D, Goldstein KE, Haznedar MM, New AS, Goodman M, Byne W, Siever LJ, Koenigsberg HW, & Chu KW (2012). White matter integrity in schizophrenia and schizotypal personality disorder. Presented at the annual meeting of the Society of Biological Psychiatry, Philadelphia, PA. *Biol Psychiatry* 71:261S.

Hazlett EA, Goodman M, Carpenter D, & Avedon J (2011). Exaggerated amygdala and startle response predicts positive Dialectical Behavior Therapy outcome in borderline patients. Presented at the annual meeting of the Society of Biological Psychiatry, San Francisco, CA. *Biol Psychiatry* 69:256S.

Hazlett EA, & Goldstein KE (2011). Dissociative symptoms modulate affective startle in borderline personality disorder: Less is more. Presented at the annual meeting of the Society for Psychophysiological Research, Boston, MA. *Psychophysiology* 48:S61-S62.

Hazlett EA, Goldstein K, Koenigsberg H, New A, Goodman M, Tang C, Haznedar MM, & Siever LJ (2010). Fronto-temporal fractional anisotropy abnormalities and symptom correlates in schizotypal personality disorder. Presented at the annual meeting of the Society of Biological Psychiatry, New Orleans, LA. *Biol Psychiatry* 67:247S-248S.

Hazlett EA, Goodman M, Goldstein KE, Avedon J, Koenigsberg HW, Siever LJ, New AS, & New AS (2010). Amygdala habituation to unpleasant pictures predicts response to dialectical behavioral therapy in borderline patients. Presented at the annual meeting of the Society for Psychophysiological Research, Portland, Oregon. *Psychophysiology* 47:S50.

Hazlett EA, & Teague EB (2009). Deficient frontal-striatal-thalamic activity during attention-to-prepulse and visual flanker tasks in schizophrenia. Presented at the annual meeting of the Society for Psychophysiological Research, Berlin, Germany. *Psychophysiology* 46:S151-S152.

Hazlett EA, Zelmanova Y, Zhang J, Goldstein KE, Haznedar MM, Goodman M, Koenigsberg HW, Siever LJ, New AS, & Buchsbaum MS (2008). Excessive affective startle and amygdala BOLD response specific to unpleasant picture processing in borderline personality disorder. Presented at the annual meeting of the Society for Psychophysiological Research, Austin, TX. *Psychophysiology* 45:S97.

Hazlett EA (2008). Affective startle, amygdala, and self-report measures of emotional-picture processing in borderline personality disorder. Presented at the annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.

Hazlett EA, Glanton C, Haznedar MM, Canfield E, Newmark R, Siever LJ, & Buchsbaum MS (2008). Caudate and putamen volume in unmedicated schizophrenia-spectrum patients. Presented at the first meeting of the Schizophrenia International Research Society, Venice, Italy. *Schizophr Res* 102:70.

Hazlett EA, Buchsbaum MS, Goldstein KE, Newmark RE, Glanton CF, Chu KW, Haznedar MM, New AS, & Siever LJ (2007). Neural circuitry of attentional startle modulation deficits in the schizophrenia spectrum: An event-related fMRI analysis. Presented at the annual meeting of the Society for Psychophysiological Research, Savannah, GA. *Psychophysiology* 44:S95-S96.

Hazlett EA, Goldstein KE, Haznedar MM, Meyerson D, Buchsbaum MS, Siever LJ, & Harvey PD (2007). Excessive affective startle during unpleasant but not pleasant pictures in borderline personality disorder. Presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.

Hazlett EA (2007). A fMRI investigation of attentional-startle gating abnormalities in the schizophrenia spectrum. Presented at the annual meeting of the Society of Biological Psychiatry, San Diego, CA. *Biol Psychiatry* 61:14S.

Hazlett EA, New AS, Goodman M, & Siever LJ (2006). Exaggerated startle eye-blink during unpleasant stimuli in borderline personality disorder. Presented at the annual meeting of the Society of Biological Psychiatry, Toronto, Ontario. *Biol Psychiatry* 59:39S.

Hazlett EA (2006). Amygdala correlates of exaggerated startle eyeblink during unpleasant stimuli in borderline personality disorder. Presented at the annual meeting of the Society for Psychophysiological Research, Vancouver, British Columbia, Canada. *Psychophysiology* 43:S44.

Hazlett EA (2005). Gray and white matter volumes of cortical Brodmann areas in the schizophrenia spectrum. Invited symposium presentation at the annual meeting of the Society of Biological Psychiatry, Atlanta, GA. *Biol Psychiatry* 57:158S.

Hazlett EA, Buchsbaum MS, New A, & Siever LJ (2005). Anterior and posterior cingulate gray matter volume in schizotypal and borderline personality disorders. Presented at the Meeting of the International Congress on Schizophrenia Research, Savannah, GA.

Hazlett EA, Buchsbaum MS, Buchsbaum B, Romero M, New AS, Tang CY, & Siever LJ (2004). Cortical-striatal-thalamic and startle-blink abnormalities in schizotypals. Presented at the annual meeting of the American Psychiatric Association, New York, NY.

Hazlett EA (2003). Cortical-striatal-thalamic circuitry during attentional startle modulation. Presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL. *Psychophysiology* 40:S16.

Hazlett EA (2002). Differential activation of the thalamus during prepulse inhibition: A mixed-trial fMRI study. Presented at the annual meeting of the Society for Psychophysiological Research, Washington, D.C. *Psychophysiology* 39:S40.

Hazlett EA (2000). Attentional modulation of startle in schizotypal personality disorder. Presented at the annual meeting of the Society for Psychophysiological Research, San Diego, CA. *Psychophysiology* 37:S16.

Hazlett EA (2000). Sensorimotor gating in the schizophrenia spectrum. Presented at the annual meeting of the Society for Psychophysiological Research, San Diego, CA. *Psychophysiology* 37:S15-S16.

Hazlett EA, Buchsbaum MS, Tang C, & Wei TC (1999). Event-related fMRI during an attention-to-prepulse paradigm. Presented at the annual meeting of the Society of Biological Psychiatry. *Biol Psychiatry* 45: 133S.

Hazlett EA, Buchsbaum MS, Haznedar MM, & Platholi J. (1999). Abnormal cortical-striatal-thalamic circuitry and attentional modulation of prepulse inhibition in schizophrenia. Presented at the annual meeting of the Society for Psychophysiological Research, Granada, Spain. *Psychophysiology* 36: S13-S14.

Hazlett EA, Buchsbaum MS, Singer MB, & Casimir A (1998). 3-D striatal-thalamic volume and functional correlates of startle modification in schizophrenia. Presented at the annual meeting of the Society for Psychophysiological Research, Denver, Colorado. *Psychophysiology* 35:S38.

Hazlett EA, Buchsbaum MS, Haznedar MM, Biren M, & Schnur DB (1997). Frontal lobe and startle eye-blink deficits in schizophrenia. Presented at the annual meeting of the Society of Biological Psychiatry, San Diego, CA. *Biol Psychiatry* 41:65S.

Hazlett EA, Siever LJ, Buchsbaum MS, Sevin M, & Biren M (1997). Attentional modulation of startle in the schizophrenia spectrum. Presented at the annual meeting of the Society for Psycho-physiological Research, North Falmouth, MA. *Psychophysiology* 34:S43.

Hazlett EA (1996). Effects of aging and gender on regional brain glucose metabolism in healthy individuals. Presented at the annual meeting of the American Psychiatric Association, New York, NY.

**Subsequently, these findings were reported in national newspapers by the Associated Press.**

Hazlett EA, Buchsbaum MS, Haznedar MM, Biren M, & Schnur DB (1996). Impaired attentional modulation of startle in unmedicated schizophrenics. Presented at the annual meeting of the Society for Psychophysiological Research, Vancouver, British Columbia, Canada. *Psychophysiology* 33:S45.

Hazlett EA (1996). Prefrontal thalamic network for sensory gating in normal individuals. Presented at the annual meeting of the Society of Biological Psychiatry. *Biol Psychiatry* 39:356.

Hazlett EA, Buchsbaum MS, Shihabuddin L, Haznedar MM, & Germans MK (1995). Frontal and temporal cortex function in schizophrenia during a memory task. Presented at the annual meeting of the Society of Biological Psychiatry, Miami, FL. *Biol Psychiatry* 37:637.

Hazlett EA, Buchsbaum MS, Mohs RC, Shihabuddin LS, Azueta R, & Luu CT (1995). PET and memory across the lifespan in normal people. Presented at the annual meeting of the American Psychiatric Association, Miami, FL.

Hazlett EA, Buchsbaum MS, Haznedar MM, Germans MK, & Luu CT (1995). Cortical striatal-thalamic circuit analysis from PET during a startle blink paradigm. Presented at the annual meeting of the Society for Psychophysiological Research, Toronto, Canada. *Psychophysiology* 32:S39.

Hazlett EA, McDowd JM, Filion DL, Mohs RC, & Buchsbaum MS (1994). Functional and anatomical frontal lobe correlates of negative priming in normal aging. Presented at the annual meeting of the Society for Psychophysiological Research, Atlanta, GA. *Psychophysiology* 31:S55.

Hazlett EA, Dawson ME, Nuechterlein KH, & Filion DL (1994). Probing the nature of CPT deficits in schizophrenia with blink modification. Presented at the annual meeting of the Society of Biological Psychiatry, Philadelphia, PA. *Biol Psychiatry* 35:674-675.

Hazlett EA, Dawson ME, Nuechterlein KH, & Filion DL (1993). Startle modification during a Continuous Performance Test: Implications for schizophrenia. Presented at the annual meeting of the Society for Psychophysiological Research, Rottach-Egern, Germany. *Psychophysiology* 30:S33.

Hazlett EA, Dawson ME, Filion DL, Schell AM, & Nuechterlein KH (1992). Attentional modulation of startle in schizophrenic and psychosis-prone subjects. Presented at the annual meeting of the Society for Psychophysiological Research, San Diego, CA. *Psychophysiology* 29:S37.

Hazlett EA, Dawson ME, Filion DL, Schell AM, & Nuechterlein KH (1991). Autonomic orienting and the allocation of processing resources in schizophrenia. Presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL. *Psychophysiology* 28:S28.

Hazlett EA, Dawson ME, Buchsbaum MS, & Nuechterlein KH (1990). Reduced regional brain glucose metabolism assessed by PET in electrodermal nonresponder schizophrenics: A pilot study. Presented at the annual meeting of the Society for Psychophysiological Research, Boston, MA. *Psychophysiology* 27:S38.