

## CURRICULUM VITAE

### Part I: General Information

**Date Prepared:** November 3, 2009

**Name:** Benjamin K. Brent

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**Place of Birth:** Chicago, Illinois

### Education:

2004	M.D.	New York Medical College
1997	M.S. (Developmental Psychology)	University College London
1996	B.A. (European History with Honors)	Columbia University

### Postdoctoral Training

#### Internships:

2005 Jan-Jun	(Internal Medicine)	Mount Auburn Hospital
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#### Residencies:

2004-2008	(Psychiatry)	Harvard Longwood Psychiatry Residency Training Program
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### Research Fellowships:

2009-2011	Research Fellow, Clinical Research Training Program (Martha Shenton, PhD, PI) “Self-Reflective Processing, Activation of the Medial Prefrontal Cortex, and the Genetic Liability to Schizophrenia: An fMRI Study” Harvard Medical School	
2009-2010	Peter Livingston Fellowship Award “Self-Reflective Processing, Activation of the Medial Prefrontal Cortex, and the Genetic Liability to Schizophrenia: An fMRI Study”	\$5,000

Harvard Medical School

2007-2009      Research Fellow, DuPont-Warren Fellowship  
“Pilot Study of Social Context and Insight Deficits in Early Psychosis”  
Harvard Medical School

**Psychoanalytic Training:**

2008-Present      Candidate for Degree in Psychoanalysis  
Boston Psychoanalytic Society and Institute (BPSI), Boston, MA  
Graduation planned for September 2014

**Faculty Academic Appointments**

2009-Present	Courtesy Staff	Dep. of Psychiatry	Mass. General Hospital
2008-Present	Instructor of Psychiatry	BIDMC	Harvard Medical School (HMS)
2008-Present	Courtesy Staff	Dept. of Psychiatry	Newton-Wellesley Hospital
2007-Present	Courtesy Staff	Dept. of Psychiatry	Mount Auburn Hospital

**Major Administrative Responsibilities:**

2007-2009      Coordinator of Research Grand Rounds at the Massachusetts  
Mental Health Center (MMHC)

2007-2008      Chief Resident of the Prevention and Recovery from Early  
Psychosis (PREP) program, Massachusetts Mental Health Center,  
Jamaica Plain, MA

2007-2008      Leader of the monthly Prevention and Recovery from Early Psychosis  
(PREP) Journal Club at the Massachusetts Mental Health Center

2006-2007      Organizer of “Psych Cinema”, a monthly discussion group of psychiatric  
issues reflected in the arts at the HLP RTP

**Major Committee Assignments:**

**Local (Hospital) or Harvard Medical School Department Wide:**

2009              Beth Israel Deaconess Medical Center  
Psychopharmacology Search Committee

2007-Present      Beth Israel Deaconess Medical Center,  
Center for Intervention Development and Applied Research  
(CIDAR) Longitudinal Study of the Schizophrenia Prodrome  
Research Committee

2007-2009      Harvard Longwood Psychiatry Residency Training Program

- Research Curriculum Committee
- 2006-2007 Harvard Longwood Psychiatry Residency Training Program, Selection Committee
- 2006 Beth Israel Deaconess Medical Center, Graduate Medical Education Committee
- 2006 Harvard Longwood Psychiatry Residency Training Program, On Call Task Force Committee

**Professional Societies**

- 2008-Present Massachusetts Psychiatric Society
- 2008-Present American Psychiatric Association
- 2007-Present American Medical Association

**Honors and Prizes**

- 2008 Joseph Schildkraut Annual Research Prize, Harvard Longwood Psychiatry Residency Training Program
- 2007 Resident Travel Award, 24<sup>th</sup> Annual Pittsburgh Schizophrenia Conference, Western Psychiatric Institute and Clinic
- 2007 Psychoanalytic Research Training Program Fellow, Yale Child Study Center
- 2006 Outstanding Resident Teacher Award, Beth Israel Deaconess Medical Center
- 2004 Fellowship in Psychoanalysis, New York University Psychoanalytic Institute

**Part II: Research:**

**A. Research Funding Information**

- 2009-2011 Clinical Research Training Program (BIDMC/MGH/HMS)  
“Self-Reflective Processing, Activation of the Medial Prefrontal Cortex, and the Genetic Liability to Schizophrenia: An fMRI Study”  
(Larry J. Seidman, Ph.D., PI, MHS)
- 2009-2010 Peter Livingston Fellowship Award (MMHC/HMS)  
“Self-Reflective Processing, Activation of the Medial Prefrontal Cortex, and the Genetic Liability to Schizophrenia: An fMRI Study”  
(Larry J. Seidman, Ph.D., PI, HMS)

2007-2009 DuPont-Warren Fellowship (MMHC/HMS):  
“Pilot Study of Social Context and Insight Deficits in Early Psychosis”  
(Larry J. Seidman, Ph.D., PI, HMS)

## **B. Research Experience**

2009-2011 Beth Israel Deaconess Medical Center/MGH  
Clinical Research Training Program  
Conducting two year fMRI study comparing brain activation associated with self-reflection in non-psychotic relatives of patients with schizophrenia to activation patterns in patients and non-clinical subjects

2007-2009 Massachusetts Mental Health Center  
DuPont-Warren Fellowship  
Conducted independent study of the relationship between impairments of insight into illness in early psychosis and social contextual factors, particularly the quality of familial relationships

2001 summer St. Luke’s-Roosevelt Hospital Center  
Research assistant to Dr. Daniel Labovitz on a study of early versus late post-stroke seizure risk factors

1997-2000 Neurological Institute, Northern Manhattan Stroke Study (NOMASS), at Columbia Presbyterian Medical Center  
Research assistant to Dr. Ralph Sacco on a large multiethnic, epidemiological study of stroke and stroke risk factors

1995 summer Yale Child Study Center  
Research assistant to Dr. Bradley Peterson on a study of Tourette’s Syndrome and Obsessive-Compulsive Disorder

## **Part III: Teaching and Clinical Contributions**

### **A. Self Report of Teaching:**

**a. Massachusetts Mental Health Center (2007-2008 Residents/Psychology Trainees)**

2009 “Perspective on the Therapeutic Alliance”  
Approaching the Patient: Introduction to Therapeutic Relationships, lecturer, 15 psychiatry residents (2 lectures taught), 2 hours per year (2 hour long lectures + 2 hours of preparation)

2009 “Psychiatric Medication: Side effects, Laboratory Monitoring, and Cognition”, Professional Affairs Seminar in Neuropsychology, lecturer, 7 neuropsychology trainees, (2 lectures taught), 2 hours per semester (2 hour long lectures + 2 hours of preparation)

2007-Present “Early Psychosis”, third year psychiatry residents, lecturer, 8 psychiatry residents, (4 lectures taught), 4 hours per semester (2 hour long lectures per semester + 2 hours of preparation)

**b. Advisory and Supervisory Responsibilities in Clinical or Laboratory Settings:**

2009-2010 **Beth Israel Deaconess Medical Center**  
Psychotherapy Supervisor, 1 psychiatry resident for 1 hour of supervision per week for the academic year, 20 hours per semester

2008-2009 **Beth Israel Deaconess Medical Center**  
Inpatient Psychiatry Attending, 4-6 psychiatry residents per semester for 75 hours per semester

2008  
(Summer) **Beth Israel Deaconess Medical Center**  
Research Mentor, in collaboration with the Donald Cohen Child Psychiatry Mentorship Program at Yale Medical School, 1 medical student for 8 weeks, 5 hours per week

2007-2008 **Massachusetts Mental Health Center**  
Chief Resident (2007-2008) at the Prevention and Recovery from Early Psychosis (PREP) program, 1 psychiatry resident per semester for 50 hours per year

**b. Local Invited Teaching Presentations (e.g., seminars, grand rounds)**

2009 “Disturbances of Self-Reflection in Schizophrenia”  
Noon Conference – The Massachusetts Mental Health Center  
Lecturer 1 hour + 6 hours of prep.

2007 “Thinking about Psychosis: A Case Presentation”,  
Psychiatry Grand Rounds – Harvard Longwood Psychiatry,  
Lecturer 1 hour + 6 hours of prep.

2005 “Risk and Protective Factors in the Course and Onset of Schizophrenia: The Role of Family Process”  
Psychiatry Grand Rounds – The Massachusetts Mental Health Center,  
Lecturer 1 hour + 2 hours of prep.

2004 “Acamprosate: A New Pharmacological Treatment for Alcohol Relapse Prevention”  
Massachusetts Organization for Addiction Recovery,  
Lecturer 1 hour + 2 hours of prep.

**B. Self-Report of Clinical Activities**

**a. Licensure and Certification:**

2009 American Board of Psychiatry and Neurology

	Certification No. 59502
2007	Massachusetts Full Medical License
2007	DEA Certificate No. FB0366915
2006	National Provider Identifier 1336212281

**b. Description of Clinical Practice:**

My psychiatric training is in adult psychiatry, psychoanalytic developmental psychology, and psychodynamically-oriented psychotherapy. I am currently an Instructor of Psychiatry at Harvard Medical School in the BIDMC Department of Psychiatry. I hold appointments as Courtesy Staff at the Mount Auburn, Newton-Wellesley, and Mass. General Hospitals. Additionally, I am also a second year Candidate for a Degree in Psychoanalysis at the Boston Psychoanalytic Society and Institute (BPSI). I have a special interest in the role of early developmental disruptions of self-awareness and self-reflective processes on adult psychopathology, emotional regulation, cognitive abilities, and social functioning. In my private practice, I have 7 hours per week of psychoanalytic and psychodynamic psychotherapy work with higher functioning patients with character disorders and mood and anxiety disorders. In my role as Courtesy Staff, I provide inpatient psychiatric care and psychiatric consultation to severely mentally ill patients meeting hospital level of care on a per diem basis in the emergency department and medical wards at three Harvard affiliated local hospitals.

**c. Clinical Activities:**

2008-Present	Outpatient Psychiatry	BIDMC Outpatient Psychiatry Clinic: Private Psychodynamic Psychotherapy Practice
2008-2009	Inpatient Psychiatry	BIDMC Inpatient Psychiatric Unit
2007-Present	Inpatient Psychiatry/ Consultation Psychiatry	Mount Auburn, Newton-Wellesley, Mass. General Hospitals

**Part IV: Report of Scholarship**

**Original Articles – Peer reviewed**

**Brent BK.** Mentalization-based psychodynamic psychotherapy for psychosis. *The Journal of Clinical Psychology* 2009; 65(8): 803-814.

**Brent BK** and Giuliano AJ. Psychotic-Spectrum Illness and Family-Based Treatments: A Case-Based Illustration of the Underuse of Family Interventions. *Harvard Review of Psychiatry* 2007; 15(4): 161-168.

Labovitz DL, Halim AX, **Brent B**, Boden-Albala B, Hauser WA, Sacco RL. Subarachnoid hemorrhage among whites, blacks and Caribbean Hispanics: The Northern Manhattan Study. *Neuroepidemiology* 2006; 26(3): 147-150.

**Articles in Preparation**

Murphy E, **Brent BK**, Benton, M, Diwadkar V, Rjarethinam R, Keshavan MS. Impairment of metacognitive evaluations of self and other in early schizophrenia: an fMRI study.

### **Newsletters**

**Brent BK**, Eack S, Keshavan MS. Insight and Foresight in Schizophrenia. *Psychiatrist in Clinical Practice* 2008.

### **Poster Presentations**

**Brent BK**, Murphy E, Benton M, et al. Impaired Metacognitive Evaluations and Hypoactivity of the Neural Circuitry of Self-Other Awareness in Early Schizophrenia (March 2009). Poster presented at the International Congress of Schizophrenia Research.

**Brent BK**, Giuliano AJ, Seidman LJ. Insight into Illness in the Early Psychosis: The Role of Social Context and Social Cognition (January 2009). Poster presented at the American Psychoanalytic Association Winter Meeting 2009.

**Brent BK**, Giuliano AJ, Seidman LJ. Insight into Illness in the Early Phase of Schizophrenia: The Role of Social Context and Social Cognition (April 2008). Poster presented at Harvard Medical School Myself Lecture and Research Day.

### **Abstracts**

**Benjamin K. Brent**, Eric Murphy, Matcheri S. Keshavan, Mark Benton, Vaibhav Diwadkar, Rajaprabhakaram Rajarethinam: Impaired metacognitive evaluations and hypoactivity of the neural circuitry of self-other awareness in early schizophrenia. *Schizophrenia Bulletin* 2009; 35(Supplement 1): 180.

**Brent BK**, Giuliano AJ, Seidman LJ. Insight into Illness in the Early Phase of Schizophrenia: The Role of Social Context and Social Cognition. Beth Israel Deaconess Medical Center Resident Research Day 2008, Boston, MA.

### **M.S. Thesis**

**Brent BK**. A Study of Aggression in Emotionally and Behaviorally Disturbed Children. 1997, University College London.

### **Part V. Narrative Report**

1). Research Contributions: I am a Research Fellow in the Clinical Research Training Program at HMS in the Department of Psychiatry at BIDMC and the MGH Athinoula A. Martinos Center for Biomedical Imaging. My research involves an fMRI study that compares brain activation during self-reflection in non-psychotic relatives of patients with schizophrenia to activation patterns in patients and non-clinical subjects. The primary aim of the study is to assess the status of midline cortical structures that underpin self-reflective processes as potential biomarkers for the genetic risk to schizophrenia. The study also explores the relationship between patterns of engagement of brain areas involved in self-reflection and clinical measures of reflective processes. The goal of the study is to contribute to the growing

international effort to identify markers of risk for the onset of psychosis. Early identification those at risk for psychosis will facilitate earlier psychopharmacological and psychosocial treatments which hold the promise of altering the course or even in some cases preventing the onset of psychosis. This study extends work in my DuPont-Warren Fellowship, which focused on the relationship between impairments of self-awareness (e.g., deficits of insight into illness and mentalization) and the quality of social relationships and the social environment in patients early in the course of schizophrenia. This study is one of only a few to explore the relationship between measures of insight into illness, assessments of neurocognition (e.g., verbal IQ, information processing speed), social cognition (e.g., second order theory of mind abilities), and emotional characteristics of caregivers among patients with early schizophrenia. In the last year, I collaborated with Dr. Matcheri S. Keshavan in writing a paper (currently being submitted for publication) on functional magnetic resonance imaging (fMRI) data regarding abnormal activation within the neural circuitry involved in self-awareness in a cohort of patients with early schizophrenia. This is the first study to examine the neural correlates of disturbances of self-awareness in early schizophrenia. I am currently working with Dr. Daphne Holt on a study examining the relationship between brain activation during an fMRI task of self-reflection and clinical assessments of personality traits in a non-clinical group of subjects. The study will contribute to research on the relationship between the neural circuitry underlying self-reflection and character pathology.

2). Teaching Contributions: I am currently an Instructor of Psychiatry at Harvard Medical School in the BIDMC Department of Psychiatry. As an Instructor, I provide weekly psychotherapy supervision to a PGY2 in the HLP RTP. Previously (during the 2008-2009 academic year), I worked as an Attending Inpatient Psychiatrist on the BIDMC inpatient psychiatric unit. As an inpatient attending, I supervised 4-6 PGY2 psychiatry residents in the HLP RTP per semester. I have also previously served as research mentor for a visiting MS1 from Yale Medical School. He was the recipient of a summer stipend from Yale Medical School to study the relationship between patients' levels of psychotic symptoms and caregivers' awareness of their ill family member's illness under my supervision. Over the last three years, I have also taught two lectures on early psychosis each semester in the Community Psychiatry Seminar for PGY3 residents rotating in the HLP RTP at the Massachusetts Mental Health Center. This past Fall, I also taught two lectures on the therapeutic alliance in a seminar for HLP RTP PGY2 residents. Additionally, I have taught two seminars on the side effects and effects on neurocognitive associated with psychiatric medications to neuropsychology graduate students in the Professional Affairs Seminar in Neuropsychology at Harvard Medical School.

3). Clinical Contributions: I have a private outpatient practice consisting seven patient hours a week of psychoanalysis and intensive psychodynamic psychotherapy. In my private practice, I work with higher functioning patients with character disorders, anxiety disorders, or depression. As Courtesy Staff, I provide inpatient psychiatric care and psychiatric consultation to severely mentally ill patients meeting hospital level of care on a per diem basis in the emergency department, medical and psychiatric wards at three Harvard affiliated local hospitals. Over a typical shift, I will see between 10-30 patients. The most common diagnoses include severe personality disorders in the borderline spectrum, substance abuse, major depression, and severe psychotic-spectrum disorders. During my year as an attending psychiatrist on the BIDMC inpatient psychiatric unit, I provided psychiatric care for patients with acute psychiatric illnesses. There were between 4-6 patients on my service at any given time. Most patients carried diagnoses of severe and persistent mental disorders in the psychotic spectrum (schizophrenia or bipolar affective disorder) or severe personality disorders (particularly borderline personality disorder).

4). Summary: I am a Research Fellow in the Clinical Research Training Program and a second year Candidate for a Degree in Psychoanalysis at BPSI with a psychoanalytic outpatient psychotherapy



practice. My clinical and research interests focus on the role of disturbances of self-awareness in persons with severe mental disorders and in higher functioning individuals with character disorders, disorders of anxiety and depression. In my current research, I am investigating the neurobiological basis of disturbances of forms of self-awareness in schizophrenia. I hope to integrate a research career focused on the identification of the neural underpinnings of abnormalities of self-awareness processes with a clinical practice that employs psychodynamic techniques in the treatment of disturbances of self-awareness and self-reflective abilities.