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**Education:**

- July 2011-2012 Research Fellow Autism and Obsessive-Compulsive Spectrum Program, Montefiore Medical Center, Dr. Eric Hollander
- September 2011 Board Certified Psychiatrist, American Board of Psychiatry and Neurology
- July 2011 Board Eligible Child and Adolescent Psychiatrist, licensed in New York State
- July 2010 Board Eligible Psychiatrist, licensed in New York State
- July 2009-2011 Child and Adolescent Fellow, Montefiore Medical Center
- June 2006- 2009 Psychiatry Residency Training Program Montefiore Medical Center
- June 1995- 2006 Albert Einstein College of Medicine Medical Scientist Training Program (MSTP): **M.D., Ph.D.**; **M.S.** in neuroscience, **Ph.D.** in neuroscience
- September 1991- June 1995 University of Maryland, College Park: honors student in physiology
- September 1990- August 1991 Aristotle University of Thessaloniki: certified in Proficiency of Modern Greek Language
- October 1989- August 1991 University of Chicago: awarded Century Scholarship for full tuition, Department of Anthropology
- September 1985- December 1988 Oberlin College: **B.A.** in anthropology and English; high honors in anthropology, honors in English

**Honors and Awards:**

2011 Child and Adolescent Psychiatry Thesis: "The Human Narrative."  
2005 Julius Marmur Research Award, Albert Einstein College of Medicine  
2004 Ph.D. Thesis "Sunrise at the synapse: FMRP shapes the synaptic interface"  
2004 Conquer Fragile X Foundation (CFXF) travel award to attend 2004 Gordon Research Conference  
2002, 2004 National Fragile X Foundation Scholarship to attend the 8<sup>th</sup> International Conference  
2001-2004 Fragile X Research Foundation (FRAXA) Fellow: competitive peer-review research proposal  
2000-2003 Presented work at Cold Spring Harbor Banbury Conference on Fragile X Syndrome  
1999-2002 Department of Health and Human Services National Research Service Award: (AECOM T32)  
1993-1994 Howard Hughes Medical Institute Fellowship  
1993-1995 Honors Thesis "IP3 Release of Calcium is not a prerequisite of the phototransduction cascade"  
1993 NSF Research Experience for Undergraduates Program  
1993-1995 Recipient Undergraduate Research Assistantship  
1989-1991 Century Scholarship, University of Chicago  
1988 High Honors in Anthropology: Thesis "Oberlin Local Legend"  
1988 Honors in English: Thesis "Leopold Bloom Between Myth and Legend"  
1988 Comfort Starr Award, Oberlin College, for excellence in anthropology  
1987, 1988 Jerome Davis Research Award  
1986 National Endowment for the Humanities Younger Scholar's Award "Melville and the Marquesas"

**Leadership/ Affiliation/Professional Societies and Clubs:**

2012 Guest Editor *Psychiatric Annals* for CME Challenge Series on Autism Spectrum Disorder  
2012 Guest Editor *Psychiatric Annals* for Special Issue: Inflammation and Psychiatry  
2012 Lead Case Conferences for Adult Outpatient Psychiatry Dept.: OCD Montefiore Medical Center  
2010 Lead Case Conference for Child and Adolescent Psychiatry Dept.: Pseudopsychosis, MMC  
2012-present Supervise psychiatry residents for Department of Pediatrics, Healthy Steps Program, AECOM  
2011-present Supervise residents in Child and Adolescent Psychiatry, MMC  
2009-present Member American College of Adolescent and Child Psychiatry  
2009-present Member American Medical Association  
2007-present Member American Psychiatric Association

2003-2004 Member, New York Chapter, National Academy of Sciences  
 2000-2001 Founder, Neuroscience Student Journal Club, AECOM  
 2000, 2001, 2004 Leader Ethics Seminar MSTP retreat, AECOM  
 1999-Present Member, Society for Neuroscience  
 1999-2003 Member, American Society for Cell Biology  
 1996-1999 Student Health Representative, Graduate Student Council, AECOM  
 1997-1998 President, American Medical Women's Association, AECOM Chapter  
 1997-1999 Member, American Medical Woman's Association  
 1995-1997 Volunteer, SPOONS soup kitchen  
 1995-1999, 2010 Member, American Medical Association  
 1993- Present Member, Phi Sigma Biological Honors Society  
 1992- Present Member, Golden Key Honor Society  
 1993-1995 Volunteer, Women's Health Clinic, University of Maryland College Park  
 1987-1988 Founder and President, Anthropology Club, Oberlin College

**Relevant Work Experience:**

2012-13 Section Editor, Impulse Control Disorders: Gabbard's Treatment of Psychiatric Disorders, 5<sup>th</sup> Ed.  
 2012 Guest Editor Psychiatric Annals for CME Challenge Series on Autism Spectrum Disorder  
 2012 Guest Editor Psychiatric Annals for Special Issue: Inflammation and Psychiatry  
 2012 Assistant Professor Psychiatry and Behavioral Sciences, AECOM  
 2011-Present Lecture PGY2 Residents and First year Child and Adolescent Psychiatry Fellows, MMC  
 2011- 2012 Supervisor Psychiatry residents, MMC  
 2011-Present Research Fellow, Autism and Obsessive-Compulsive Spectrum Program, MMC  
 2011 Moonlighting at Bronx Children's Psychiatric Center  
 2010- Present Private Practice, Adult, Child and Adolescent Psychiatry, Nyack NY  
 2009-2011 House Staff in Department of Child and Adolescent Psychiatry, Montefiore Medical Center  
 2006-2009 House Staff in Department of Psychiatry, Montefiore Medical Center  
 1999-2005 Graduate Thesis Research Gary Bassell Laboratory, AECOM  
 1997-1999 Graduate Thesis Research David Weinstein Laboratory, AECOM (advisor left research)  
 1993-1995 Research Assistant in neurophysiology for Dr. Richard Payne, University of Maryland  
 1991-1995 Tutor for children with learning disabilities, Sandy Spring Friends School  
 1991-1995 Tutor University of Maryland  
 1991-1992 Teacher of Study Skills, Washington Ethical School, for Certified learning Centers  
 1990-1991 Teacher of English as a Second Language, Kapalloni Frontesterio, Thessaloniki, Greece  
 1989-1990 Research Assistant, Professor George Stocking, University of Chicago  
 1987-1988 Dana Foundation Research Assistantship, Professor. Jack Glazier, Oberlin College

**Publications:**

- **Antar, LN** and Hollander E. "Pyromania." In: *Gabbard's Treatments of Psychiatric Disorders, Fifth Ed.* American Psychiatric Publishing, London, England. (accepted).
- **Antar, LN** and Hollander E. "Immunopsychiatry: Guest Editorial" *Psychiatric Annals* 2012 42:9 342-346.
- **Antar, LN.** Ferretti,CJ Hollander, E. "Immune Response and Inflammation in Autism." *Psychiatric Annals* 2012 42:9 314-315.
- **Antar, LN.**, Hollander E "Case Challenges in Autistic Spectrum Disorder: Guest Editorial" *Psychiatric Annals* 2012 42:8 284-285.
- **Antar, L.N.** "Autistic Spectrum Disorder and Attention Deficit Hyperactivity Disorder" Case Challenge *Psychiatric Annals* 2012 42:8 299-301.
- Ozinci, Z Kahn, T and **Antar, L.N.** "Autistic Spectrum Disorder and Co-Morbid Major Depressive Disorder." Case Challenge *Psychiatric Annals* 2012 42:8 293-295.
- **Antar, L.N.** "The Human Narrative." In Review The American Journal of Psychotherapy, 2012.
- **Antar L.N.** and Hollander E "Anxiety Disorders" in *Textbook of Suicide Assessment and Management, 2<sup>nd</sup> ed.* Robert I Simon and Robert E. Hales editors American Psychiatric Publishing.

- Schneeberger, A., Muenzenmaier, K., Abrams, M. S., **Antar, L.**, Rodriguez Leon, S., Ruberman, L., Battaglia, J. Comprehensive Trauma Training Curriculum for Psychiatry Residents. *Acad Psychiatry*. 2012 Mar 1;36(2):136-7.
- Dichtenberg J.B., Swanger S.A., **Antar L.N.**, Singer R.H., Bassell, G.J. (2008). “A direct role for FMRP in activity-dependent dendritic mRNA transport links filopodial-spine morphogenesis to fragile X syndrome. *Dev Cell*. Jun;14(6):926-39.
- **Antar, L.N.**, Li, C, Zhang, H., Carroll, R.C., Bassell, G.J. (2006). Local functions for FMRP in axon growth cone motility and activity-dependent regulation of filopodia and spine synapses. *Mol Cell Neurosci*. 2006 May-Jun;32(1-2):37-48.
- **Antar, L.N.** and G.J. Bassell “The means shape the ends: the localization and function of FMRP” in *The Molecular Basis of Fragile X Syndrome*, Y-J. Sung and R.B. Denman editors Research Signpost, 2005.
- **Antar, L.N.**, Dichtenberg, J.D., Plociniak, M., Afroz, R., Bassell, G.J. (2005) Localization of FMRP-associated mRNA granules and requirement of microtubules for activity-dependent trafficking in hippocampal neurons. *Genes, Brain and Behavior* 4:6 350-9.
- **Antar, L.N.**, Afroz, R., Dichtenberg, J.D., Carroll, R., Bassell, G.J. (2004). Metabotropic glutamate receptor activation regulates FMRP and *Fmr1* mRNA localization differentially in dendrites and at synapses. *The Journal of Neuroscience*. 24 (11) 2648-2655.—**Cited in Science, Editor’s Choice September 10, 2004.**
- Eom, T., **Antar, L.N.**, Singer, R.H. and Bassell, G.J. (2003) Localization of a  $\beta$ -Actin messenger ribonucleoprotein complex with zip-code-binding protein modulates the density of dendritic filopodia and filopodial synapses. *The Journal of Neuroscience*. 23 (32): 10433-10444.
- **Antar, L.N.** and G.J. Bassell (2003) Sunrise at the Synapse: The FMRP mRNP shaping the synaptic interface. *Neuron*. 37:555-558.

#### **Talks:**

- 2012 “OCD with Anxiety and Depression” Presented to Rockland County Depression and Bipolar Support Group.
- 2011 “Psychiatric Disorders of Adolescence.” Presented to Clarkstown South High School Students in association with NAMI-Familia and the West Hudson Mental Health Coalition.
- 2011 “Translational Medicine: the Fragile X Example.” Presented to Child and Adolescent Psychiatry Fellows, Montefiore Medical Center.
- 2011 “Discharge For Success: Diminishing Psychiatric Hospital Readmissions.” Presented to Bronx Children’s Psychiatric Center Intensive Case Managers.
- 2011 “A Day in the Life of a Child Psychiatrist.” Member of Panel Discussion for Medical Students at Albert Einstein College of Medicine.
- 2011 “The Psychiatric Clinical Interview: Inpatient Adolescent Psychiatric Patient” Introduction to Clinical Medicine course for second year medical students at Albert Einstein College of Medicine.
- 2011-present “ADHD 101, or what do I do with This Patient?” Lecture to PGY2 residents in psychiatry at Montefiore Medical Center.
- 2010 “Social and Emotional Learning” Interactive discussion with 6<sup>th</sup> grade class of Hunter College Elementary School, a school for gifted youth.
- 2009 “Recovery from Trauma: A Training Module for Providers in the Public Mental Health Sector” Workshop 61<sup>st</sup> Institute on Psychiatric Services.
- 2009 “Beliefs and Challenges: A Comprehensive Trauma Training Module for Residents.” Grand Rounds, Montefiore Medical Center.
- 2009 “Teaching Trauma” AADPERT meeting, Tucson, Arizona
- 2005 “Sunrise at the synapse: the FMRP mRNP shapes the synaptic interface.” Julius Marmur Research Symposium, Albert Einstein College of Medicine, New York.
- 2004 “FMRP and *Fmr1* mRNA localization in dendrites and synapses is differentially regulated by mGluR5 activation” 9<sup>th</sup> National Fragile X Foundation Conference.
- 2004 “Metabotropic glutamate receptor activation regulates FMRP and *Fmr1* mRNA localization differentially in dendrites and at synapses.” Neuroscience Departmental Retreat, New York.

- 2003: “Glutamate regulates FMRP granule trafficking in dendrites and at synapses and is dependent on mRNA binding domains.” Society for Neuroscience, New Orleans.
- 2003: “Regulation of FMRP and Fmr1 mRNA trafficking within dendrite and developing synapses of hippocampal neurons.” Banbury Center, Cold Spring Harbor Laboratory.
- 2003: “An Activity-Dependent Role for Transport of FMRP to Dendritic Spines and Filopodia.” MSTP Retreat, Mohonk Mountain House.
- 2002: “Activity-Dependent Transport and Dynamic Movements of FMRP Protein and mRNA in Dendrite of Hippocampal Neurons.” 8<sup>th</sup> National Fragile X Foundation Conference.
- 2002: “Regulation and Function of FMRP and Fmr1 mRNA Trafficking in Developing Neurons.” Banbury Center, Cold Spring Harbor Laboratory.

#### **Abstracts/Posters:**

- 2004 Poster “mGluR activation affects dendritic and synaptic localization of FMRP and *Fmr1* mRNA differentially.” Cell Biology of the Neuron Gordon Conference.
- 2003 Poster: “Metabotropic glutamate receptors regulate FMRP granule trafficking in dendrites and at synapses.” Cell Biology of the Neuron Gordon Conference.
- 2002 Abstract: “Regulation of FMRP and *Fmr1* trafficking in dendrites.” *Einstein Quarterly*.
- 2001 Abstract: “Mechanism of  $\beta$ -actin mRNA localization in neurons involves formation of an RNP complex with Zip Code Binding Protein (ZBP1) and Kinesin.” Society for Neuroscience. **L.N. Antar**, J.B. Dichtenberg, H.L. Zhang, R.H. Singer, G.J. Bassell.
- 2001 Abstract: **Antar LN**, JB Dichtenberg, MP Plociniak RH Singer and GJ Bassell “Regulation of FMRP and *Fmr1* mRNA trafficking in dendrites.” 10<sup>th</sup> International Workshop on Fragile X and X-Linked Mental Retardation.
- 2001 Abstract: Dichtenberg, **JB LN Antar**, MP Plociniak, RH Singer and GJ Bassell “An FMRP complex in dendrites is associated with microtubules and Kinesin.” 10<sup>th</sup> International Workshop on Fragile X and X-Linked Mental Retardation.
- 2001 Poster: **LN Antar** GJ Bassell “Regulation of FMRP and *Fmr1* trafficking in dendrites.” MSTP retreat Mohonk Mountain House.