

## CURRICULUM VITAE

**NAME:** Jair C. Soares, M.D., Ph.D.

**PRESENT TITLE:** Professor & Chairman  
Pat R. Rutherford, Jr. Chair in Psychiatry  
Department of Psychiatry and Behavioral Sciences

Executive Director  
Harris County Psychiatric Center

Director  
UT Center of Excellence on Mood Disorders

**ADDRESS:** Department of Psychiatry and Behavioral Sciences  
University of Texas Medical School at Houston  
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Houston, Texas 77054  
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Email: Jair.C.Soares@uth.tmc.edu

**BIRTHDATE:** March 1, 1967

**CITIZENSHIP:** United States

### **GRADUATE EDUCATION:**

2004                      Doctorate of Medical Sciences (Ph.D.)  
Federal University of Porto Alegre  
Porto Alegre, Brazil

1990                      Medical Degree (M.D.)  
University of São Paulo Medical School  
São Paulo, Brazil

### **POSTGRADUATE TRAINING:**

1997 – 1999              Post Doctoral Fellowship in Neuroimaging  
Yale University School of Medicine  
New Haven, CT

1994 – 1997              Psychiatry Residency (Research Track)  
UPMC Health System, Western Psychiatric Institute and Clinic

Pittsburgh, PA

1993 – 1994 Internal Medicine and Psychiatry Internship  
UPMC Health System, Western Psychiatric Institute and Clinic  
Pittsburgh, PA

1991 – 1993 Adult Psychiatry Residency  
University of São Paulo, Institute of Psychiatry  
São Paulo, Brazil

**ACADEMIC APPOINTMENTS:**

10/2012 – Present Pat R. Rutherford, Jr. Chair in Psychiatry  
Department of Psychiatry and Behavioral Sciences  
University of Texas Health Science Center-Houston  
Houston, Texas

6/2009 – Present Professor and Chairman (Granted Tenure 8/2011)  
Department of Psychiatry and Behavioral Sciences  
University of Texas Health Science Center-Houston  
Houston, Texas

2/2007 – 5/2009 Yeagan Distinguished Professor of Psychiatry (with Tenure)  
Director of Center of Excellence in Research and Treatment for Bipolar Disorder  
University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina

9/2006 – 1/2007 Professor of Psychiatry and Radiology (Granted Tenure 8/2006)  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

6/2006 – 1/2007 Deputy Chairman for Research  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

1/2002 – 1/2007 Krus Endowed Chair in Psychiatry  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

1/2002 – 8/2006 Associate Professor of Psychiatry and Radiology  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

7/1999 – 1/2002 Assistant Professor of Psychiatry (Tenure Track)  
Director, Neurochemical Brain Imaging Laboratory

Department of Psychiatry  
University of Pittsburgh, Western Psychiatric Institute & Clinic  
Pittsburgh, Pennsylvania

**NON-ACADEMIC APPOINTMENTS:**

6/2016-06/2017	Chancellor's Health Fellow UT System Austin, TX
4/2015-Present	Co-Editor-in-Chief Journal of Affective Disorders Elsevier Publishing Ireland, UK
8/2013-Present	Director UT Center of Excellence on Mood Disorders Houston, Texas
6/2009 – 8/2013	Co-Director UT Center of Excellence on Mood Disorders Houston, Texas
1/2002 – 2/2007	Staff Psychiatrist South Texas Veterans Health Care System, Audie Murphy Division San Antonio, Texas
9/2003 – 10/2005	Chief, VA Psychiatry Research South Texas Veterans Health Care System, Audie Murphy Division San Antonio, Texas
1/2002 – 1/2007	Chief, Division of Mood and Anxiety Disorders Department of Psychiatry The University of Texas Health Science Center at San Antonio San Antonio, Texas
1/1999 – 1/2001	Director, Neurochemical Brain Imaging Laboratory Western Psychiatric Institute and Clinic University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania
7/1998 – 12/2003	Co-Editor, Bipolar Disorders – An International Journal of Psychiatry and Neuroscience Blackwell Munksgaard Blackwell Publishing Copenhagen, DA

**HOSPITAL APPOINTMENTS:**

6/2009 – Present	Harris County Psychiatric Center Executive Director University of Texas Health Science Center-Houston Houston, Texas
6/2009 – Present	Memorial Herman Hospital Chief of Psychiatry Services Texas Medical Center Houston, Texas
6/2009 – Present	LBJ General Hospital Chief of Psychiatry Services Texas Hospital Houston, Texas
2/2007 – 5/2009	University of North Carolina Hospital Bipolar Residents Clinic, Bipolar Specialty Clinic and Pediatric Bipolar Clinic University of North Carolina at Chapel Hill Chapel Hill, North Carolina
1/2002 – 1/2007	University Hospital University of Texas Health Science Center at San Antonio San Antonio, Texas
1/2002 – 2/2007	South Texas Veterans Health Care System, Audie Murphy Division VA Mood Disorders Clinic San Antonio, Texas
1/1999 – 1/2002	Western Psychiatric Institutes & Clinic Outpatient Mood Disorders Clinic and Psychiatry Emergency Services University of Pittsburgh Pittsburgh, Pennsylvania

**LICENSURE:**

1/2002 - Present	Licensed in Texas: L4135
3/2007 – 3/2010	Licensed in North Carolina: 2007-00320 (inactive)

**CERTIFICATION:**

5/1999	American Board of Psychiatry and Neurology (Psychiatry) #46902
1/1993	FLEX (Part I and II)
1/1993	ECFMG (0-473-955-3)

## **PROFESSIONAL ORGANIZATIONS**

### National/International Organizations:

05/2015 – Present	Psychiatric Research Society
04/2013 – Present	American Society of Clinical Psychopharmacology
09/2012 – Present	International Society for CNS Clinical Trials and Methodology
06/2006 – 06/2013	International Society for Research on Impulsivity
01/2003 – Present	American College of Neuropsychopharmacology Fellow, awarded 01/2015
01/2001 – Present	International Society for Affective Disorders President: 2018-present
01/2001 – 01/2009	Society for Neuroimaging in Drug Development
01/2000 – 01/2007	International Society for Magnetic Resonance in Medicine
01/1999 – Present	Society of Biological Psychiatry
01/1999 – Present	International Society for Bipolar Disorders Secretary-Treasurer:1999-2001
01/1998 – 01/2004	International Society for Blood Flow and Metabolism
01/1998 – 01/2004	Society for Nuclear Medicine
01/1998 – Present	Society for Neurosciences
01/1998 – Present	Collegium Internationale Neuro-Psychopharmacologicum (CINP)
01/1997 – 01/2009	International Society for Neuroimaging in Psychiatry
01/1994 – Present	American Psychiatric Association Consultant, Scientific Program Committee (2011-2012) Fellow, awarded 01/2015

### Regional/Local Organizations

10/2009 – Present	Harris County Medical Society
10/2009 – Present	Texas Medical Association

## **HONORS AND AWARDS:**

01/2018	Best Doctors Award
01/2017	Best Doctors Award
01/2016	Best Doctors Award
01/2015	Fellow, American Psychiatric Association
01/2015	Fellow, American College of Neuropsychopharmacology
1/2014	Best Doctors Award
1/2013	Best Doctors Award
1/2012	Best Doctors Award
5/2011	National Plaque of Honor, Republic of Panama
1/2011	Emy Award, Devereux Clinic
1/2010	Best Doctors Award
1/2008	Best Doctors Award
1/2005	NCRR K24 Mid-Career Development Award
1/2000	APA Young Faculty Award
1/2000	ACNP Travel Award
1/2000	NIMH Mentored K23 Career Development Award
1/1999	World Psychiatric Association Fellowship Award
1/1998	CINP Rafaelsen Award, Collegium Internationale Neuro-Psychopharmacologicum
1/1997	President's Award, Pittsburgh Psychiatric Society
1/1997	Laughlin Fellowship Award, American College of Psychiatrists
1/1997	APA/Lilly Resident Research Award, American Psychiatric Association
1/1997	Colloquium for Young Investigators, American Psychiatric Association
1/1997	Resident Travel Award, American Society of Clinical Psychopharmacology
1/1997	New Investigator Award, New Clinical Drug Evaluation Unit (NCDEU), NIH

1/1997	Resident of the Year, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center
1/1997	Central Neuropsychiatric Association, Resident Paper Award
1/1996	Lilly Fellowship Award, Society of Biological Psychiatry
1/1996	CINP Rafaelsen Fellowship Award Prize, Collegium Internationale Neuro-Psych
1/1995	NIMH Outstanding Resident Award, National Institute of Mental Health, USA
1/1988	Research Scholarship: Fundacao de Amparo a Pesquisa do Estado de São Paulo (São Paulo State Research Funding Agency, Brazil)

### **EDITORIAL POSITIONS**

#### **Editorial board member:**

Molecular Neuropsychiatry, 01/2015-Present  
Dusunen Adam: The Journal of Psychiatry and Neurological Science, 06/2011-Present  
Molecular Psychiatry, 1/2011-Present  
Transitional Psychiatry, 02/2011-Present  
Innovations in Clinical Neuroscience, 01/2011-Present  
The Open Access Neuropsychopharmacology Journal, 07/2008 - Present  
Psychiatry 2008, 03/2008-Present  
Current Psychiatry, 06/2008-Present  
Psychopathology, 07/2006-06/2011  
Neuropsychiatry i Neuropsychologia (Journal of Neuropsychiatry and Neuropsychology), 04/2006-Present  
Human Psychopharmacology, 01/2002-Present  
Revista Do Hospital Clinicas (University of São Paulo, Brazil), 01/2002-Present  
The Internet Journal of Mental Health, 01/2001-Present  
Revista Brasileira de Psiquiatria (Brazilian Journal of Psychiatry), 01/2000-08/2006

#### **Editor or co-editor:**

Journal of Affective Disorders, Co-Editor-in-Chief, 04/2015-present  
Neuroscience Letters, Associate Editor, 01/2008 – 3/2009  
Revista Brasileira de Psiquiatria (Brazilian Journal of Psychiatry), Associate Editor, 08/2006-Present  
Journal of Child and Adolescent Psychopharmacology, Associate Editor for Neuroimaging and Neuropsychopharmacology "Journal of Child and Adolescent Psychopharmacology" ,05/2006-04/2012

Journal of Neural Transmission, 01/2004-Present - Section Editor for Biological Psychiatry  
Bipolar Disorders, Co-Editor in Chief, 01/1998-12/2003

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

**National Institute of Mental Health**

10/2014	NIH Special Emphasis Panel on R21/R33 Grants	Ad Hoc Reviewer
05/2009 –04/2013	ITVA (Interventions Committee for Adult Disorders) Study Section	Internal Reviewer
02/2009	Special Emphasis Panel ZMH1 ERB-L (03) S – NIMH K99	Ad Hoc Reviewer
07/2008	NIMH IDSC Review Group for ZMH1 ERB-L-04	Ad Hoc Reviewer
06/2007	Special Emphasis Panel/Scientific Review Group 2007/10 ZDA1 MXS-M (19)	Ad Hoc Reviewer
11/2006	K 99Pathway to Independence ZMH1-ERB-H (03)	Ad Hoc Reviewer Review Meeting
10/2006	Mental Health Centers for Intervention Development	Ad Hoc Reviewer & Applied Research
07/2006	K99 Pathway to Independence Review Meeting ZMH1-ERB-H(06)	Ad Hoc Reviewer
07/2006	NIMH Study Section on Psychiatric Genetics (ZMH1-ERB-A(04)-S)	Ad Hoc Reviewer
03/2006	BSC Review of Molecular Imaging Branch	Ad Hoc Reviewer
12/2005	NIMH Advanced Centers for Mental Health Disparities Review ZMH1-ERB-H(02)	Ad Hoc Reviewer
11/2005	CIDAR Review Panel	Ad Hoc Reviewer
11/2005	ERB H(02) P50 Minority Centers	Ad Hoc Reviewer
2/2005 – 6/2009	Neural Basis of Psychopathology, Addictions, and Sleep Disorders (NPAS) Study Section	Internal Reviewer
01/2004- 12/2004	Special Emphasis Panel ZMH1-M (08)	Ad Hoc Reviewer
01/2004-12/2004	Special Emphasis Panel CRB-M-03	Ad Hoc Reviewer
01/2002-12/2002	Special Emphasis Panel ZRG1 BBBP-3	Ad Hoc Reviewer
01/2002	Special Emphasis Panel ZRG1 SRB-05	Ad Hoc Reviewer

**Department of Veterans Affairs**



01/2005-06/2009 VA Merit Review Subcommittee for Internal Reviewer  
Mental Health & Behavioral Sciences

**National Institute on Drug Addiction**

06/2007 Developmental Centers for Translational Research Ad Hoc Reviewer  
on the Clinical Neurobiology of Drug Addiction

06/2006 NIDA Special Emphasis Panel on Developmental Ad Hoc Reviewer  
Center for Translational Research

07/2005 Special Emphasis Panel NIDA, ZDA1 MXS Ad Hoc Reviewer

**Medical Research Grant Council, UK**

01/2000 External Reviewer

**The Michael Smith Foundation, Canada**

01/2001 External Reviewer

**Nova Scotia Health Research Foundation, Canada**

01/2001 External Reviewer

**The Hospital for Sick Children Foundation, Canada**

01/2000 External Reviewer

**The Wellcome Trust, UK**

01/2000 External Reviewer

**SERVICE ON UNIVERSITY OF TEXAS-HOUSTON COMMITTEES:**

Medical School Research Committee, 10/2009 – Present

MSRDP Budget & Finance Committee, 05/2010 – Present

Executive Council of the University, 08/2009-Present

Administrative Council of the University, 08/2009-Present

**SERVICE ON UNIVERSITY OF TEXAS-HOUSTON MEDICAL SCHOOL AFFILIATED HOSPITAL COMMITTEES:**

Harris County Psychiatric Center/Harris Center Joint Quality Council, 6/2009 - Present

Harris County Psychiatric Center Governing Body, 6/2009 - Present

Harris County Psychiatric Center Medical Staff Committee, 6/2009 - Present

Harris County Psychiatric Center Executive Committee, 6/2009 – Present

Memorial Herman Hospital Case Management Committee, 06/2010 – 05/2013

**SERVICE ON DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL SCIENCES COMMITTEES:**

Executive Committee, Chair, 2009 – Present  
Grand Rounds Committee, (Chair 2009-2010), 2009 – Present  
Residency Training Committee, 2009 – Present  
Psychiatry Residency Promotions, 2009 – Present  
UT Psychiatry Update Committee, 2010-Present  
UT Mood Disorders Committee, 2016-Present

**SERVICE ON PAST UNIVERSITY COMMITTEES:**

**University of Texas Health Science Center at San Antonio, Department of Psychiatry**

**Standing Committees**

09/2006-01/2007                      University Research Council: URCG Program Committee reviews proposals and recommends funding for new investigators, pilot projects and faculty enrichment.

**University**

01/2005-01/2007                      Task Force - M.D. Degree with Distinction in Research,  
01/2004-01/2007                      Ad Hoc Faculty Committee for MD/PhD Training Program,  
01/2003-05/2007                      Advisory Committee for the Imaging Core, General Clinical Research Center, Chair  
01/2002-01/2003                      Advisory Committee for the Imaging Core, General Clinical Research Center  
01/2002-01/2007                      Selection Committee-CBN Distinguished Neuroscientist Lecture Series

**Department**

01/2004-01/2007                      Promotion, Tenure & Appointment Committee, UTHSCSA  
01/2002-01/2007                      Protocol Review Committee, Research Imaging Center, UTHSCSA  
01/1999-01/2001                      Residency Recruitment Committee, University of Pittsburgh,

**Other**

04/2006-01/2007                      Academic Goals Committee for UHS Programs  
UTHSCSA K12 Initiative Review Committee

**SERVICE TO THE LOCAL COMMUNITY:**

08/2014-Present                      Mental Health America of Houston                      Board Member

01/2011-01/2012	Harris County Medical Society	Health Plan Liaison
09/2009-12/2016	Sheriff Adrian Garcia's Mental Health Task Force	Advisory Council
08/2009-Present	Depression and Bipolar Support Alliance	Medical Advisor Board Member

**SERVICE TO THE SCIENTIFIC COMMUNITY:**

09/2018-Present	International Society of Affective Disorders	President
05/2016-05/2019	American Society of Clinical Psychopharmacology	Program Committee
01/2014-Present	International Society for CNS Trials	Co-Chair, Young Investigator Awards
10/2009 – 3/2010	Texas Medical Board Texas Physician Health Program	Founding Member
01/2004-7/2010	Blue Harbor Foundation	Advisory Council Member
08/2003-06/2004	San Antonio Mental Health Association	Advisory Council Member

**Finance committee**

International Society for CNS Trials, 01/2014-Present

American College of Neuropsychopharmacology, 12/2008 – 12/2010

**Reviewer**

Human Psychopharmacology, 01/2002-Present

Bipolar Disorders, 01/2003-Present

Journal of Psychiatric Research, 01/2003-present

Neuroimage, 01/2005

NMR in Biomedicine, 01/2004

Magnetic Resonance in Medicine, 01/2004

Progress in Neuropsychopharmacology and Biological Psychiatry, 01/2004

The Journal of Clinical Psychiatry, 01/2003

Journal of Affective Disorders, 01/2003-Present

Journal of Psychiatry and Neuroscience, 01/2002

Clinical Approaches in Bipolar Disorders, 01/2002

Neuroscience, 01/2002

Cellular and Molecular Life Science, 01/2002

Neuroscience Letters, 01/2001-Present

Psychiatry Research, 01/2001

Molecular Psychiatry, 01/2000-Present  
Brain Research, 01/2000  
Schizophrenia Research, 01/2000  
Neuropsychopharmacology, 01/2000-Present  
American Journal of Psychiatry, 01/1999-Present  
Acta Psychiatrica Scandinavica, 01/1999  
Psychiatry Research – Neuroimaging, 01/1999-Present  
Archives of General Psychiatry, 01/1998-Present  
The Journal of Neuropsychiatry and Clinical Neurosciences, 01/1997  
Biological Psychiatry, 01/1997-Present

### **Secretary**

International Society for Bipolar Disorders, 01/1999-01/2001

### **SPONSORSHIP OF POSTDOCTORAL FELLOWS:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Ives Pasos, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders, 02/2015-02/2016.

Luca Lavagnino, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 07/2014-09/2016.

Bo Cao, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 04/2014-03/2018.

Mon-Ju Wu, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 02/2014-09/2017.

Juan Galvez-Flores, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 01/2014-01/2015.

Jane Hamilton, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 01/2014-09/2016.

Isabelle Bauer, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 4/2013-09/2018.

Benson Mwangi Irungu, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 12/2012-2/2014.

Humera Naz Danwar, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 05/ 2010-06/ 2012

Nadia El Fangary, M.D./Ph.D. Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 05/ 2010-06/2011.

Jorge Henna, M.D., Postdoctoral Research Fellow in Imaging and Research Laboratory on Bipolar Disorders. 09/ 2009-05/2011.

Marcella Bellani, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 6/2009 – 6/2010.

**University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Marcella Bellani, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 1/2009 – 5/2009.

Deborah Ellerbusch, PhD in clinical psychology, was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2008 – 06/2008.

Ping-Yong Yeh, M.D. PhD, Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 09/2007 – 05/2009.

Tricia Hahn, PhD in clinical psychology, Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 05/2007 – 04/2009.

Milosev Kopecek , M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2007 – 12/2008.

Giovana Zunta-Soares, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2007 – 05/2009.

**University of Texas Health Science Center at San Antonio, Department of Psychiatry**

Stefano Cali, M.D, was a Postdoctoral Fellow, in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2006 – 01/2007.

Kelin Mezzomo, M.D. was a Postdoctoral Fellow in Neuroimaging and clinical research studies in pediatric mood disorders. 03/2006 – 01/2007.

Giovana Zunta-Soares, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 08/2005 – 01/2007.

Benicio Frey, M.D. was a postdoctoral research fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 08/2005-07/2006.

Leandro Silva, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 03/2005 - 02/2006.

Koji Matsuo, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2004 - 08/2006.

Fabiano Nery, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2004 – 01/2007.

Cecilia Belardinelli, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Pediatric Mood Disorders. 05/2004 - 06/2006.

Manoela Fonseca, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Pediatric Mood Disorders. 03/2004 - 02/2006.

Marco Peluso, M.D., was a Postdoctoral Fellow 01/2004-07/2005.

Karen Truesdell, Ph.D., was a Postdoctoral Fellow in Neurocognitive studies of mood disorders. 10/2003 - 06/2004.

Marsal Sanches, M.D., was a Postdoctoral fellow in Neuroimaging Studies of Mood Disorders. 09/2002 - 02/2004.

Simerjit Kaur, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies of Mood Disorders. 04/2002 - 06/2004.

Paulo Brambilla, M.D., was a Postdoctoral Research Fellow 03/2002 - 06/2002.

Sheila Caetano, M.D., Postdoctoral Research Fellow. 03/2002 - 07/2006

E. Serap Monkul, M.D. Post-Doctoral Research Fellow. 01/2002-02/2007

### **University of Pittsburgh, Department of Psychiatry**

Acioly Lacerda, M.D., was a Postdoctoral Research Fellow in Neuroimaging Studies of Mood Disorders. 01/2000 - 01/2001.

Robert Sassi, M.D., was a Postdoctoral Research Fellow in Neuroimaging Studies of Mood Disorders. 01/2000 - 01/2001.

Paulo Brambilla, M.D., was a Postdoctoral research fellow in Morphometric MRI and 1 H MRS studies in mood disorders. 01/1999 - 01/2002.

### **ADDITIONAL ACADEMIC SUPERVISION:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Thomas Meyer, Ph.D., Associate Professor of Psychiatry, 7/2014-present

Sudhakar Selvaraj, M.D., Assistant Professor of Psychiatry, 4/2014-present

Benson Mwangi Irungu, Ph.D., Assistant Professor of Psychiatry. 2/2014-present

Isabelle Bauer, Ph.D., Instructor of Psychiatry, 09/2018-05/2019.

Mujeeb Shad, M.D. Associate Professor of Psychiatry – co-Mentor on his K23 award. 7/2010-6/2012

Kirti Saxena, M.D., Associate Professor of Psychiatry – Mentor at Center of Excellence on Mood Disorders. 11/2010-5/2013

Humera Danwar, M.D., Postdoctoral Research Fellow.5/2010-6/30/2012

Angelica Colmenares, M.D., Postdoctoral Resarch Fellow. 04/2011 – 12/2011

Sankar Kothapalli, Postdoctoral Research Fellow. 05/2011 – 05/2012

Vikas Mangewala, M.D., Postdoctoral Research Fellow. 04/2010 - 04/2012

Ankit Parmar, Postdoctoral Research Fellow. 05/2011 – 04/2012

Jorge Henna, M.D., Postdoctoral Research Fellow. 07/2009 – 12/2011

Elaine Henna, M.D./Ph.D., Observer. 09/2010 – 12/2011

Fazil Kamil, Observer. 06/2011-06/2012

Aditi Parashar, Observer. 07/2010 – 09/2010

Sara Cisneros, Student Volunteer. 05/2010 – 08/2010

Rohan D'Souza, Volunteer. 05/2010-8/2010

Christian Pessi, Visiting Observer, May 2010-Sept 2010

Anita Patel, M.D., Graduate Student Volunteer, UT Psychiatry. 07/2009 – 01/2010

Thomas Ence, BA, Research Assistant I, 8/2009 – 07/2010

Edilberto Amorim, M.D., Visiting Research Scholar UT Psychiatry. 06/2009 – 12/2009

### **University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Hasan Baloch, M.D., is Assistant Director of Child Psychiatry at CERT-BD. 07/2008 – 5/2009.

Andrew Newberg, M.D., is Assistant Director of Adult Psychiatry at CERT-BD. 07/2008 – 05/2009.

Marjorie Carvalho, MD, is a Visiting Research Scholar in Neuroimaging and Clinical Research Studies in Mood Disorders. 09/2008 – 5/2009.

Eric Formeister, Undergraduate Student interested in Biomedicine. Two month research elective. 09/2008 – 10/2008.

William Blair, Post-baccalaureate interested in Biomedicine. 08/2008 – 5/2009.

Lauren Elberly, Undergraduate Student. 01/2009 – 05/2009.

Chad Mosby, Undergraduate Student. 01/2009 – 05/2009.

Katherine Murray, Undergraduate Student. 01/2009 – 05/2009.

Kristin White, Undergraduate Student. 01/2009 – 05/2009.

Donald Yauger, Undergraduate Student interested in Biomedicine. 01/2009 - 05/2009

Danielle Amara, Undergraduate Student interested in Biomedicine. 06/2008 – 05/2009.

Kathleen Montforten, Undergraduate Student interested in Neuroimaging. 06/2008 – 2/2009.

Andrew Morgan, Undergraduate Student interested in Neuroimaging. 05/2008 – 07/2008.

Asad Siddiqui, Undergraduate Student interested in Neuroimaging. 05/2008 – 12/2008.

Jesse Rhodes, Undergraduate Student interested in Neuroimaging. 03/2008 – 05/2009.

Evan Tsun, Undergraduate Student interested in Neuroimaging. 03/2008 – 07/2008.

Sara Goff, Undergraduate Student interested in Psycholinguistics. 06/2007 – 12/2007.

Kimberly Taylor, Undergraduate Student interested in Neuroimaging. 05/2007 – 07/2007.

Bharath Bhushan, Undergraduate Student interested in Neuroimaging. 04/2007 – 05/2008.

Miranda Reddick, Undergraduate Student interested in Clinical Psychology. 04/2007 – 05/2009.

Lauren Salvi, Undergraduate Student. 04/2007 – 07/2007.

Rebecca Summe, Undergraduate Student interested in Neuroimaging. 04/2007 – 12/2007.

Herbert Wang, Undergraduate Student interested in Neuroimaging. 04/2007 – 05/2009.

### **University of Texas Health Science Center at San Antonio**

Marlon Quinones, M.D., Assistant Professor, Departments of Medicine and Psychiatry. He worked on clinical neurosciences studies in mood disorders. 07/2005 - 05/2008.

Thomas Brown, M.D., Assistant Professor and staff physician at the South Texas VA, currently holds a full time academic position at UTHSCSA and the South Texas VA and runs the VA inpatient clinical research unit. Clinical assessments and management of research patients. 01/2003 - 06/2004.

Rene Olvera, M.D., Assistant Professor of Psychiatry in the Child and Adolescent Psychiatry Division. Dr. Olvera worked with Dr. Soares and his group and had a K23 NIH grant funded, on which Dr. Soares was the co-mentor. Research studies in brain imaging studies of pediatric mood disorders. 01/2003 – 01/2007.

David Glahn, Ph.D., Assistant Professor of Psychiatry, worked on Neurocognitive assessments of patients suffering from mood and psychotic disorders. He was interested in morphometric MRI and fMRI to identify potential endophenotypes of these illnesses. 07/2002 - 06/2006.

Sibel Yasar, M.D., Instructor in Psychiatry, was co-mentored by Dr. Soares. She worked on pediatric mood disorder studies that utilized MRI and 1 H MRS. 01/2002 - 06/2003.

Marcus Zanetti, M.D., 2nd year Resident, University of São Paulo, Brazil. MRI Morphometric Studies in Mood Disorders. 10/2004 - 11/2004.

Srirangam Muddasani, M.D., 2nd year Psychiatry Resident (UTHSCSA Research Track Program)-MRI Morphometric studies in Bipolar Disorders. 08/2004 - 06/2006.

Camila Macedo-Soares, M.D., 2nd year Psychiatry Resident ABC School of Medicine São Paulo, Brazil. MRI Morphometric Studies in Mood Disorders. 06/2004 - 07/2004.

Anas Elsaid, M.D., PhD Graduate student in Radiological Sciences program, Human Brain Imaging Track. 08/2003 - 07/2004.

Micky Gautam, M.D., Psychiatry Resident, Morphometric MRI studies in mood disorders. 01/2003 - 03/2003.

Irene Chen, B.Sc., PhD Graduate student in Radiological Sciences program, Human Brain Imaging Track. 08/2002 - 08/2006.

Hannah Moussa, Medical student, served a two month winter rotation program on MRI morphometric brain imaging. 11/2005 - 01/2006.

Charmaine Gibson, MS-II, served a two month Summer Research Program on MRI morphometric brain imaging. 06/2004 - 08/2004

Brett Solomon, MS-II, served a two month Summer Rotation Program on MRI morphometric brain imaging. 06/2004 - 08/2004.

Naveen Mehta, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2004 - 08/2004.

Twee Huynh, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2004 - 08/2004.

Erica C. Garcia, B.A., MS-IV, 4th year elective one-month rotation under course PSYCH4008, Biological Psychiatry Research, MRI Morphometric Studies in Mood Disorders. 04/2004.

Pablo Najt, B.Sc., Predoctoral Research Fellow, in Neurocognitive assessments and brain imaging in mood disorders. 08/2003 - 06/2005.

Michael Trakhtenbrot, Undergraduate student from Washington University, Saint Louis. Two Summer Rotations, MRI Morphometric Studies in Mood Disorders. 06/2003 - 08/2005

Barbara Chen, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002

Susanna Fawthrop, MS-II, served a two month Summer Rotation Program on MRI morphometric brain imaging. 06/2002 - 08/2002.



Roxann Roberts, MS-IV, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002.

David Spence, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002.

Daniel Diaz, MS-IV, 4th year elective one-month rotation under course PSYCH4008, Biologic Psychiatry Research, MRI morphometric brain imaging. 10/2002.

Hayden Head, M.D., PhD Graduate student in Radiological Sciences program, Human Brain Imaging track. 01/2002 - 08/2003.

Nereida Gonzalez-Berrios from Ponce Medical School in Puerto Rico, MS-IV, 4th year elective one-month rotation under the course PSYCH 4008, Biological Psychiatry Research, MRI morphometric brain imaging. 01/2002 - 05/2003.

Mehvish Siddiqui, Undergraduate Student working on morphometric MRI analyses. 05/2006 – 02/2007.

Betty Alajajian, Undergraduate Student working on morphometric MRI analyses. 05/2006 – 02/2007. Sean Dykes, Student at Health Careers High School, involving volumetric MRI analyses.

Rhiannon Smith, Student at Health Careers High School Summer Research Program involving volumetric MRI Analyses.

### **University of Pittsburgh, Department of Psychiatry**

Sheila Caetano, M.D., Psychiatry Resident, MRI Morphometric Studies in Mood Disorders. 01/2000 - 03/2000 and 8/2001 – 11/2001.

Roberto Figueroa, M.D., Psychiatry Resident: Morphometric MRI studies in mood disorders. 01/1999 - 01/2000.

Sabrina Heller, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Krystal Williams, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Kristyn Costanzo, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Nicholas Smith, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

### **ADMINISTRATIVE SUPERVISION:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Elizabeth Vinson, Program Manager, 07/2019-present

Irina Kerdivar, Research Assistant II, 05/2019-present

Maria Weiss, Research Assistant II, 02/2019-present

Stephanie Cavalcanti, Research Assistant I, 09/2018-05/2019

Valeria Cuellar, Research Assistant III, 3/2018-present

Mary Lopez, Director, Management Operation, 3/2018-present

Nancy Che, Research Assistant I, 05/2017-01/2019  
Kevin Mezquita, Research Assistant I, 6/2015-8/2015  
Devon Bottomley, Research Assistant I, 6/2015-6/2017  
Kathryn Durkin, Research Assistant I, 6/2015-07/2018  
Allison Engstrom, Research Assistant I, 6/2015-6/2016  
Megan Rafferty, Research Assistant I, 3/2015-03/2017  
Cristin Rodriguez, Research Assistant I, 3/2015-8/2016  
Natalia Kapczinski, M.D., Research Associate, 10/2014-06/2015  
Joyce Collins, Director, Management Operation, 9/2014-04/2015  
Haina Modi, Research Assistant I, 2/2014-6/2016  
Allison Dornbach-Bender, Research Assistant I, 08/2013-06/2015  
Amna Ghouse, M.D., Research Assistant I, 8/2012-7/2014  
Danielle Spiker, Research Coordinator I, 5/2012-2/2017  
Lindsay Harris, Research Assistant I, 3/2012-04/2015  
Kheresa Glasco, Executive Assistant, 2/ 2012 - 8/2013  
Elizabeth Vinson, Executive Services Administrator, 11/2010-2/2012 and 9/2013-07/2019  
Mary Battaglia, Director, Management Operations, 6/2009 – 9/2014 and 2/2015-03/2018  
Mark Nicoletti, M.Sc., Lab Coordinator at the Neuroimaging Laboratory at the Center of Excellence on Mood Disorders, 6/2009 – 7/2011

**University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Alexandra Jeffrey, BA, Social Research Assistant I, 11/2008 – 05/2009  
William Blair, BA, Social Research Assistant I, 09/2008 – 05/2009  
Rachel Mullis, Business Services Coordinator, 05/2008 – 05/2009  
Gabrielle Miles, BA, Social Research Assistant I, 01/2008 – 05/2009  
Marisa DeBurkarte, BA, Social Research Assistant I, 01/2008 – 11/2008  
Kelly Smedley, RN, MSN, CNS, Program Coordinator, 08/2007 – 05/2009  
Chloe Cooper, BA, Social Research Assistant II, 05/2007 – 10/2008  
Mark Nicoletti, M.Sc., Lab Coordinator at the Center of Excellence for Research & Treatment of Bipolar Disorder, Department of Psychiatry, University of North Carolina at Chapel Hill. 06/1999 – 05/2009

**The University of Texas Health Science Center at San Antonio**

Rhonda Barnard, Social Science Research Associate II, 05/2005-02/2007  
Krista Scarpelli, Administrative Assistant II, 04/2005-05/2007  
Clara Perkins, B.A., Social Science Research Associate I, 11/2003 – 07/2005  
Kristina Hunter, Social Science Research Associate II, 05/2003 – 10/2005

Manish Dalwani, M.S., Research Associate, Psychiatry Imaging Laboratory, South Texas Veterans Health Care System, 03/2003 – 06/2004

Veronica Villarreal, M.A., Social Science Research Associate II, 01/2003 – 05/2005

Julie Siler, Social Science Research Associate II, 12/2002 – 07/2003

Rene Gonzalez, Social Science Research Associate II, 07/2002 – 09/2003

Thomas Brown, M.D., Staff Psychiatrist/Faculty, 06/2002 – 06/2004

David Spence, Medical Student Assistant, 06/2002 – 08/2002

Barbara Chen, Medical Student, 06/2002 – 08/2002

Susanna Fawthrop, Medical Student, 06/2002 – 08/2002

Roxanne Roberts, Medical Student, 06/2002 – 08/2002

Juanita Ching, Administrative Assistant I, 01/2002-03/2005

Marty Javors, Ph.D., Faculty, 01/2002-12/2004

Nancy Peters, Research Coordinator II, 01/2002-09/2004

Cheryl Gonzalez, M.D., Staff Psychiatry/Faculty 01/2002-06/2003

Rolando Medina, Faculty, M.D., 01/2002-02/2007

Jodi Gonzalez, Ph.D., Faculty, 01/2002-02/2007

Vivek Singh, M.D., Faculty, 01/2002-02/2007

Peter Thompson, M.D., Faculty, 01/2002-02/2007

**Neurochemical Brain Imaging Laboratory, Western Psychiatric Institute and Clinic,  
University of Pittsburgh**

Jennifer Gates, Administrative Assistant, 01/2000-12/2001

Kelly Foster Wells, LSW, Recruitment Coordinator, 07/1997-12/2001

**TEACHING RESPONSIBILITIES:**

- |                 |   |
|-----------------|---|
| 1/2008 – 1/2009 | Post Graduate: Bipolar Mood Disorder Seminars<br>Seminars to PGY II Residents at UNC CERT-BD  |
| 8/2007          | Post Graduate: Bipolar Mood Disorders<br>Lectures to PGY IV Residents at UNC CERT-BD  |
| 5/2007 – 5/2009 | Post Graduate: Psychiatric Diagnostic Issues<br>Review Meetings with small group teaching on SCID diagnostics to Postdoctoral<br>Research Fellows at UNC CERT-BD<br>Student Contact Hours: 1 hour/week; 52 hours/year |
| 1/2004 – 1/2007 | Post Graduate: Psychiatric Diagnostic Issues<br>Review Meetings with small group teaching on SCID diagnostics to Postdoctoral<br>Research Fellows at UTHSC-SA<br>Student Contact Hours: 1.5 hours/week; 78 hours/year |

- 1/2003 – 1/2007 Post Graduate: Director of Psychiatry Residency Research Track Program  
Student Contact Hours: 4 Hours a month with Residents at UTHSC-SA
- 1/2002 – 1/2007 Clinical Research Supervision  
Group supervision to graduate students, undergraduate students, post-doctoral students, and residents on clinical research methodology at UTHSC-SA  
Student Contact Hours: 1 hour/week, 52 hours/year
- 1/1999 – 1/2007 Neuroimaging Research Meetings  
Group supervision to discuss clinical research methodology, data analysis, study design, graduate students, undergrads, post-doctoral students, and residents at UTHSC-SA  
Student Contact Hours: 1 hour/week, 52 hours/year
- 1/2004 – 2/2007 Undergraduate: Behavioral Sciences  
Student Contact Hours: 16 hours/year; Small group teaching to 2<sup>nd</sup> year medical students at UTHSC-SA
- 1/2002 – 12/2002 Post Graduate: Neuroimaging Seminar  
Overview of Research Imaging: PET, fMRI, MRS, MRI, SPECT  
Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
- 1/2002 – 12/2002 Post Graduate: Neuroimaging Seminar  
PET Receptor Ligands  
Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
- 1/2002 – 5/2007 Post Graduate: Brain Imaging in Psychiatry  
Student Contact Hours: 8 hours/year; Seminar to UTHSC-SA Residents
- 1/2002 – 5/2007 Post Graduate: Neuroimaging Seminar  
Imaging of Mood Disorders  
Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
- 1/2000 – 12/2001 Undergraduate: Neuroscience  
Student Contact Hours: 4 hours/year; 2<sup>nd</sup> Year Medical Students at UTHSC-SA
- 1/2000 – 10/2001 Resident: Psychiatric Emergency as Clinical Faculty  
Student Contact Hours: 150 hours/year; Supervised Medical Students at UTHSC-SA
- 1/2000 – 12/2000 Undergraduate: Neuroscience  
Student Contact Hours: 4 hours/year; 2<sup>nd</sup> Year Medical Students at UTHSC-SA
- 6/1999 – 1/2001 Undergraduate: Psychopathology and Society  
Student Contact Hours: 10 hours/year; 3<sup>rd</sup> Year Medical Students at UTHSC-SA
- 1/1996 – 6/1997 Undergraduate: Psychopathology and Society  
Student Contact Hours: 10 hours/week; 3<sup>rd</sup> Year Medical Students at UTHSC-SA

## **CURRENT GRANT SUPPORT:**

### **RESEARCH GRANTS**

#### ***Federal***

Project #: 1R01MH085667-01

Funding Agency: NIMH

Title: Searching for Endophenotypes of Bipolar Disorder

Status: Active

Period: 9/2012-6/2019 (NCE)

Role: Principal Investigator      % Effort: 25

Total Costs: \$2,987,841

Grant Detail: This study will examine the role of heritability on key brain abnormalities involved in causation of bipolar disorder (BD). If our hypotheses are confirmed, this will indicate that abnormalities in fronto-limbic brain regions in patients with BD are heritable and could be utilized as “endophenotypes” to guide future research on the specific genes involved.

#### ***Private***

Funding Agency: Dunn Foundation

Title: Houston Area Pediatric Bipolar Registry

Status: Active

Period: 08/2012-07/2020

Role: Principal Investigator

Total Costs: \$1,050,000

Grant detail: this study involves the establishment of a Houston area registry of children and adolescents with bipolar disorder, as well as the high risk offspring of a parent with bipolar disorder.

Funding Agency: Dunn Foundation

Title: Dunn-Genomics of Bipolar Disorders

Status: Active

Period: 03/2014-02/2019

Role: Principal Investigator

Total Costs: \$880,020

Grant detail: This study investigates the genetic underpinnings of neuroimaging and neurocognitive abnormalities in patients with bipolar disorders. It will also extend these investigations to children and adolescents with bipolar disorder.

Funding Agency: Dunn Foundation

Title: Deep Brain Stimulation Therapy of Treatment Resistant Depression Program

Status: Active

Period: 03/2014-04/2019

Role: Principal Investigator

Total Costs: \$290,000

Grant detail: This study investigates the possible efficacy of deep brain stimulation of the medial forebrain bundle in individuals with treatment refractory depression who have failed electroconvulsive therapy.

Funding Agency: Dunn Foundation

Title: Stem Cells for Treatment-Resistant Bipolar Depression  
Status: Active  
Period: 09/2018-12/2020  
Role: Principal Investigator  
Total Costs: \$270,000  
Grant detail: This study supports stem cell research related to treatment-resistant bipolar depression.

## **PAST GRANT SUPPORT:**

### **RESEARCH GRANTS**

#### ***Federal***

Project #: RR 020571-01  
Funding Agency: NCRR, National Institute of Health (K-24)  
Title: In Vivo Brain Mechanisms across the Bipolar Spectrum  
Status: Active  
Period: 07/2005 - 07/2011  
Role: Principal Investigator      % Effort: 25  
Total Costs: \$870,650.00  
Grant Detail: This career development plan will utilize the mid-career mechanisms of the NCRR K24 award to foster Dr. Soares' academic career and allow substantial time for him to continue to dedicate to research activities and mentoring on patient-oriented research. It will focus on studies of the neurobiological mechanisms implicated in causation of bipolar disorder.

Project #: MH 0684766-01  
Funding Agency: National Institutes of Health  
Title: Neuroanatomy of Treatment Response in Bipolar Depression  
Status: Active  
Period: 02/2005 - 01/2011  
Role: Principal Investigator      % Effort: 20  
Total Costs: \$1,825,000.00  
Grant Detail: This study will test specific hypotheses about the involvement of brain fronto-limbic circuits in bipolar depression among bipolar type I patients, and the relationship of fronto-limbic abnormalities to symptom remission and treatment response in this patient group.

Project #: MH 069774-01  
Funding Agency: National Institute of Mental Health  
Title: Fronto-Limbic Brain of Bipolar Children and Adolescents  
Status: Active  
Period: 04/2005 - 03/2009 (No Cost Extension until 5/2011)  
Role: Principal Investigator      % Effort: 15  
Total Costs: \$2,591,932.16  
Grant Detail: In this study we will conduct a combined in vivo neuroimaging and clinical intervention trial in post-pubertal adolescents (ages 12-17 years old) who have Bipolar Disorder, that will examine the relationships between (a) Fronto limbic brain abnormalities, (b) bipolar progression and severity, and (c) response to a mood-stabilizing medication (valproate).

Project #: P20 MH68662-02  
Funding Agency: NIMH  
Title: Bipolar Illness Intervention in Hispanic Communities  
Status: Completed  
Period: 08/2004 - 02/2007  
Role: Co-Principal Investigator % Effort: 5  
Total Costs: \$4,675,910.60  
Grant Detail: Charles Bowden (PI)

Project #:  
Funding Agency: VA Merit Review  
Title: In Vivo Brain Mechanisms Underlying Remission in Bipolar Depression  
Status: Completed  
Period: 07/2004 - 06/2007  
Role: Principal Investigator % Effort: 15  
Total Costs: \$689,940.00  
Grant Detail: This study will use in vivo anatomical and neurochemical brain measurements with MRI/MRS to examine specific abnormalities in brain structures involved in mood regulation in bipolar type II subjects, which could be implicated on illness pathophysiology, and effects of lamotrigine treatment on such changes.

Project #:  
Funding Agency: Veteran's Administration VISN-17  
Title: In Vivo Brain Mechanisms in Comorbid Bipolar Disorder and Alcoholism  
Status: Complete  
Period: 07/2002 - 06/2004  
Role: Principal Investigator % Effort:  
Total Costs: \$90,000.00  
Grant Detail: Pilot study to examine Fronto-limbic Brain Mechanisms in Bipolar Alcoholic subjects.

Project #: K23MH001736  
Funding Agency: NIMH  
Title: In Vivo Studies of the PI Pathway in Bipolar Disorder  
Status: Complete  
Period: 05/2000 - 04/2005  
Role: Principal Investigator % Effort:  
Total Costs: \$612,596.00  
Grant Detail: The Investigator Proposed a career development plan designed to acquire additional clinical skills, to conduct clinical research studies on the Neurobiology of Bipolar Disorders and Mechanisms involved on therapeutic actions of lithium.

***Private***

Project #: 11T-009  
Funding Agency: Stanley Medical Research Institute  
Title: A double-blind randomized placebo-controlled study of N-acetyl cysteine and aspirin as adjunctive treatments for bipolar disorder patients

Status: Active  
Period: 1/2012 -12/2016  
Role: Principal Investigator      % Effort: 10  
Total Costs: \$781,695  
Grant Detail: This study will investigate the importance of inflammatory mechanisms in antidepressant response and could lead to development of a new and critically needed treatment modality for BD patients.

Funding Agency: The Dana Foundation  
Title: TMS/PET- A Novel Functional Imaging Tool to Study Brain Connectivity in Unipolar Depression  
Status: Complete  
Period: 01/2003 - 12/2005  
Role: Principal Investigator      % Effort: 1.5  
Total Costs: \$100,000.00  
Grant Detail: This study will utilize a newly developed system for combined transcranial magnetic stimulation (TMS) and positron emission tomography (PET) to study connectivity between the prefrontal cortex (PFC) and limbic and paralimbic regions in patients suffering from unipolar depression (major depressive disorder).

Funding Agency: National Alliance for Research on Schizophrenia And Depression (NARSAD)  
Title: A Family Study of Brain Abnormalities in Bipolar Disorder  
Status: Complete  
Period: 09/2002 - 03/2006  
Role: Principal Investigator      % Effort: 1.0  
Total Costs: \$100,000.00  
Grant Detail: This study will examine the heritability of specific brain abnormalities that are present in individuals suffering from bipolar disorder. We will attempt to identify specific phenotypes from in vivo brain imaging that could be possible trait markers of vulnerability for the disease.

Funding Agency: STANLEY FOUNDATION  
Title: A Double-Blind, Placebo-Controlled Trial of Celecoxib (Cox-II Inhibitor) as an Adjunct in the Treatment of Bipolar I and II Patients with Depressed or Mixed Episodes  
Status: Complete  
Period: 09/2002 - 08/2005  
Role: Principal Investigator      % Effort: 2.5  
Total Costs: \$299,999.97  
Grant Detail: This study will test the new medication Celecoxib, a Cox-II inhibitor, as a potential treatment for bipolar disorder.

Funding Agency: American Foundation for Suicide Prevention  
Title: Frontal Cortex abnormalities and suicidality in mood disorder subjects: an *in vivo* MRI/MRS Study  
Status: Complete  
Period: 07/2001 - 06/2003  
Role: Principal Investigator      % Effort:  
Total Costs: \$60,000.00



Grant Detail: A Pilot study on Fronto-Limbic Brain Mechanisms involved on Impulsivity and suicidality in Unipolar Depression.

Funding Agency: Stanley Foundation Award

Title: 7 LiMRS in the maintenance treatment of bipolar disorder patients

Status: Complete

Period: 07/2000 - 06/2002

Role: Principal Investigator % Effort:

Total Costs: \$150,000.00

Grant Detail: A pilot study of Brain Lithium levels measured with 7 Li MRS on the Maintenance treatment of Bipolar Disorder Patients.

Funding Agency: NARSAD

Title: In Vivo Neurochemical studies of brain membrane processes in bipolar disorder patients

Status:

Period: 07/1999 - 06/2001

Role: Principal Investigator % Effort:

Total Costs: \$60,000.00

Grant Detail: Pilot study of brain abnormalities in Bipolar Disorder patients with 1 H MRS. in vivo.

Funding Agency: NARSAD

Title: Signal transduction processes in medication-free and lithium-treated bipolar disorder patients

Status: Complete

Period: 07/1997 - 06/1999

Role: Co-Investigator % Effort:

Total Costs: \$60,000.00

Grant Detail: pilot study of cell membrane and signal Transduction Abnormalities in Bipolar Disorder patients while unmedicated and after treatment with Lithium.

### ***State***

Project #: 123167

Funding Agency: UTHSCSA

Title: Identification of Gene Variants Associated with Bipolar Disorder

Status: Complete

Period: 06/2006 - 05/2007

Role: Co-Investigator % Effort: 2.5

Total Costs: \$20,000.00

Grant Detail: The major goals of this project are to identify specific DNA variations in candidate genes associated with Bipolar Disorder in the Latino Population.

### **PUBLICATIONS:**

#### **A. Abstracts**

1. Scaini G, Fries G, Zeni C, Kazimi I, Zunta-Soares GB, **Soares JC**, Quevedo J. *Blood Metabolics Analysis Identifies Abnormalities in the Glycolytic System and Tricarboxylic*

- Acid Cycle in Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
2. Benevenuto D, Scaini G, Barichello T, Fries G, Kennon E, Andrews T, Nix B, Zunta-Soares GB, **Soares JC**. *TSPO Upregulation and Mitophagic Proteins Downregulation in Association with NLRP3 Inflammasome Activation in Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
  3. Lin Y, Mohite S, Collier S, Livingston R, Quevedo J, **Soares JC**, Selek S. *Public Interest Through Web search Trends of Neuromodulation Treatments in the United States from 2013 to 2018*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
  4. Tannous J, Hasan K, Zunta-Soares GB, Mwangi B, **Soares JC**. *Characterizing Grey Matter and White Matter in Pediatric Bipolar Disorder and Offspring*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
  5. Fries G, Scaini G, Zunta-Soares GB, **Soares JC**, Walss-Bass C, Quevedo J. *Hippocampal Epigenetic Aging in Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
  6. **Soares JC**. *Multimodal Neuroimaging and Neurocognitive Investigation of Bipolar Youth and Youth at Risk for Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2019).
  7. Bauer I, Meyer T, Wu MJ, Mwangi B, Zunta-Soares GB, **Soares JC**. *Is there an association between subjective and objective measures of cognition and brain structure in bipolar disorder?* Presented at the American College of Neuropsychopharmacology Annual Meeting. (December 2018).
  8. Meyer T, Fries G, Stertz L, Dyukova E, **Soares JC**, Sandberg G, Walss-Bass C. *Are Impulsivity and Gene Expression in Postmortem Brains Associated? Preliminary Findings from the Psychological Autopsy Interviews in the UTHealth Brain Collection*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  9. Saxena K, Okusaga O, Kahlon R, Arvind R, Verrico C, Patel M, Shah A, Huang S, Wu D, Fuli J, Amin P, Durking K, Vyas A, Fries G, Colop G, Zeni C, Marazzo S, Walss-Bass C, Williams L, Kazimi I, Zunta-Soares GB, **Soares JC**. *Plasma Interleukin 1 Beta Positively Correlates with Anxiety Scores in Youth with Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  10. Bauer I, Suchting R, Mwangi B, Wu MJ, Meyer T, Zunta-Soares GB, **Soares JC**. *Attention and Reward-Related Decision-Making Deficits Differentiate Youth with Bipolar Disorder from Healthy Individuals: A Machine Learning Study*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  11. Scaini G, Fries G, Barichello T, Zunta-Soares GB, **Soares JC**, Quevedo J. *Changes of TP53 Affects Selective Removal of Mitochondria via Mitophagy*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  12. Cazala F, Bauer IE, Tannous J, Spiker D, Zunta-Soares GB, **Soares JC**. *Impact of Childhood Trauma on Decision Making in Pediatric Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  13. Simonetti A, Lijffijt M, Kahlon R, Arvind R, Swann A, Sani G, **Soares JC**, Saxena K. *Exploring the Neuropsychological Correlates of Early and Late Emotional Interference*

- on Response Preparation in Youth with Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
14. Saxena K, Okusaga O, Kahlon R, Arvind R, Verrico C, Patel M, Shah A, Huang S, Wu D, Jia F, Amin P, Durkin K, Fyas A, Fries G, Colpo G, Zeni C, Marazzo S, Williams L, Kazimi I, Zunta-Soares GB, **Soares JC**. *Plasma TNF-Alpha is Associated with Stressful Life Events in Youth with Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  15. Tannous J, Cao B, Stanley J, Amaral-Silva H, **Soares JC**. *Metabolite Abnormalities in the Anterior White Matter of Patients with Pediatric Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  16. Kahlon R, Okusaga O, Arvind R, Verrico C, Patel M, Shah A, Huang S, Wu D, Jia F, Amin P, Durkin K, Vyas A, Fries G, Colpo G, Zeni C, Walss-Bass C, Marazzo S, Williams L, Kazimi I, Zunta-Soares GB, **Soares JC**, Saxena K. *Plasma Interleukin-1 Beta is Associated with Deficits in Spatial Recognition Memory in youth with Bipolar Spectrum Disorders*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  17. Cao B, Luo Q, Fu Y, Du L, Qiu T, Yang X, Chen X, Chen Q, **Soares JC**, Cho R, Zhang XY, Qu H. *Predicting Individual Responses to the Electroconvulsive Therapy with Hippocampal Subfield Volumes in Major Depressive Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  18. Saxena A, Dandekar M, Scaini G, Giridharan V, Zhou Y, Shin JH, Migut A, Barichello T, **Soares JC**, Quevedo J, Fenoy A. *Effect of Deep Brain Stimulation on Inflammatory Markers in Hippocampus of Rodents Exposed to Chronic Unpredictable Stress—A Model of Depression*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  19. Arvind R, Verrico C, Kahlon R, Bauer I, Simonetti A, Durkin K, Vyas A, Shah A, Zeni C, Kazimi I, Zunta-Soares GB, **Soares JC**, Williams L, Saxena K. *CANTAB (Cambridge Neuropsychological Test Automated Battery) Reveals Impaired Sustained Attention in Offspring of Bipolar Parents*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  20. Melicher T, Mwangi B, Wu MJ, Cao B, Zeni C, Younes K, Zunta-Soares GB, Hasan K, **Soares JC**. *Decreased Fractional Anisotropy as a Marker of Aberrant White Matter Integrity in Unaffected Offspring of Patients with Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  21. Selvaraj S, Ramakrishnan N, Murphy N, Durkin K, Selek S, **Soares JC**, Cho RY. *Effect of Ketamine on Prefrontal Cortex Excitability in Treatment Resistant Depression*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2018).
  22. **Soares JC**, Cao B, Mwangi B, Passos I, Wu MJ, Keser Z, Zunta-Soares GB, Zu D, Hasan K. *Lifespan Gyrfication Trajectories of human brain in Healthy Individuals and Patients with Major Psychiatric Disorders*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  23. **Soares JC**, Lavagnino L, Mwangi B, Cao B, Wu MJ, Sanches M, Zunta-Soares GB. *Obesity-Related Thinning in the Frontal Cortex in Patients with Bipolar I Disorder*:

- Correlations with Functioning*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
24. Zhang XY, **Soares JC**. *Interaction of Cortisol and Cytokines in Chronic Patients with Schizophrenia: Relationship to Psychopathology and Cognition*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  25. Tannous J, Amaral-Silva H, Cao B, Wu MJ, Zunta-Soares BG, Mwangi B, **Soares JC**. *Hippocampal Subfield Volumes in Children and Adolescents with Mood Disorders*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  26. Colpo G, Quevedo J, Wlass-Bass C, **Soares JC**, Teixeira A. *The Combination of Meenchymal Stemm Cells and Lithium as an Immunomodulatory Strategy for the Treatment of Psychiatric Disorders*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  27. Fries G, Bauer IE, Wu MJ, Spiker D, Zunta-Soares GB, Walss-Bass C, **Soares JC**, Quevedo J. *Accelerated Epigenetic Aging in Patients with Bipolar Disorder and Their Siblings*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  28. Scaini G, Fries G, Valvassori S, Zeni C, Zunta-Soares GB, Berk M, **Soares JC**, Quevedo J. *Perturbations in the Apoptotic Pathway and Mitochondrial Network Dynamics in Peripheral Blood Mononuclear Cells from Bipolar Disorder Patients*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  29. **Soares JC**, Lavagnino L, Mwangi B, Cao B, Shott M, Frank G. *Cortical Thickness Patterns in Anorexia Nervosa: Individualized Prediction Model and Correlations with Key Symptoms*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  30. **Soares JC**, Wu MJ, Bauer IE, Passos I, Zunta-Soares GB, Glahn D, Mwangi B. *Individualized Prediction of Euthymic Bipolar Disorder and Euthymic Major Depressive Disorder in Patients Using Neurocognitive scores, Neuroimaging Data and Machine Learning*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  31. Bauer I, Ramakrishnan N, Ursu S, Saxena K, Zunta-Soares GB, Phillips M, Spiker D, **Soares JC**. *Differences in Neural Activation During Implicit Facial emotion Processing in Youth and Adults with Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  32. **Soares JC**, Cao B, Passos I, Mwangi B, Amaral-Silva H, Tannous J, Wu MJ, Zunta-Soares GB. *Hippocampal Subfield Volumes in Mood Disorders*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  33. Yang F, Li Q, **Soares JC**, Zhang XY. *Gender Difference in Association of Obesity with Serum BDNF in Chinese Patient with Chronic Schizophrenia*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).
  34. **Soares JC**, Alpak G, Bauer IE, Zunta-Soares GB, Sanches M, Nery F. *Brain Volume Changes with Lamotrigine Treatment in Bipolar Type II Patients*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2017).

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## **B. Refereed Original Articles in Journals**

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### C. Invited Articles in Journals

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#### D. Chapters

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17. **Soares JC**, Gershon S. Nootropics and agents for treating Alzheimer's disease. In: Roberts J, Snyder D, Friedman E, eds. Handbook of Pharmacology of Aging. Second ed. Boca Raton, FL: CRC Press Inc; 1997:197-226.

## E. Books

1. **Soares JC**, Young AH. Bipolar Disorders: Basic Mechanisms and Therapeutic Implications. Informa Health Care, Inc., New York, N.Y. 2007.
2. **Soares JC**, Gershon S (Eds). Handbook of Medical Psychiatry. Marcel Dekker, Inc.; 2003.
3. **Soares JC** (Ed.). Brain Imaging in Affective Disorders. Marcel Dekker, Inc.; 2003.
4. **Soares JC**, Gershon S (Eds). Bipolar Disorders: Basic Mechanisms and Therapeutic Implications. Marcel Dekker, Inc.; 2000.

## **F. Other Professional Communications**

### **1. Presentations**

1. Translational Neuroscience Special Topics. McGovern Medical School. Houston, TX; 07/2019.
2. Deep Brain Stimulation of the Medial Forebrain Bundle for Refractory Depression. International Society of Bipolar Disorders Annual Meeting. Sydney, Australia; 03/2019.
3. Bipolar Spectrum Disorders: Overview of Diagnoses and Clinical Presentations. Brazilian Congress of Psychiatry. Brasilia, Brazil; 10/2018.
4. Update on Treatment of Major Depression. Brazilian Congress of Psychiatry. Brasilia, Brazil; 10/2018.
5. Bipolar Disorder—Clinical Presentations and Treatment Strategies. Brazilian Congress of Psychiatry. Brasilia, Brazil; 10/2018.
6. From Gyrification to Lithium Effects in Bipolar Disorder: The Impact of Neuroimaging in the Context of the R-Link Project. Panelist. International Society of Affective Disorders/Houston Mood Disorders Conference. Houston, TX; 09/2018.
7. Bipolar Disorder: Brain Mechanisms & Treatment Implications. University of California at San Francisco Grand Rounds. Fresno, CA; 02/2018. (invited presentation)
8. Etamine and NMDA Receptor Activity and Psychiatric Disorders. Texas Society of Psychiatric Physicians Annual Meeting. Austin, TX; 11/2017. (invited presentation)
9. Innovative Treatments for Unmet Needs in Depression. Panelist. Houston Mood Disorders Conference. Houston, TX; 09/2016.
10. Markers and Personalized Medicine in Depression. Panelist. Houston Mood Disorders Conference. Houston, TX; 09/2016.
11. Bipolar Disorder: Diagnosis, Brain Mechanisms & Treatment Implications. Carolinas Medical Center. Charlotte, NC; 01/2018. (invited presentation)
12. Bipolar Disorder. NAMI Greater Houston. Houston, TX; 10/2017. (invited presentation)

13. Developmental Imaging and Cognitive Markers of Pediatric Bipolar Disorder. World Congress on Bipolar Disorders. Athen, Greece; 06/2015. (invited presentation)
14. Neuroprogression and Bipolar Disorders: Brain Imaging and Neurocognitive Studies. American Society of Clinical Psychopharmacology Annual Meeting, Miami Beach, FL; 6/2015.
15. Machine Learning Approach to Help Diagnose Children and Adolescents with Bipolar Disorder. International Society of Bipolar Disorders Annual Meeting. Toronto, ON; 06/2015.
16. Is it Time for Interventional Psychiatry? Hope and Healing Center. Houston, TX; 05/2015.
17. Neuroanatomical Correlates of Mood Disorders. ASNR Annual Meeting. Chicago, IL; 4/2015.
18. Identifying and Validating Distinct Clinical Phenotypes in Bipolar Disorders Using Neurocognitive Data, Neuroimaging Scans and Machine Learning. ACNP Annual Meeting. Phoenix, AZ; 12/2014 (Poster presentation co-presenter)
19. Bipolar Disorders—From Putative Brain Mechanisms to Possible Endophenotypes. Molecular Psychiatry Association Annual Meeting. San Francisco, CA; 11/2014.
20. Bipolar Disorders: Neurobiology and Therapeutic Implications. Grand Rounds presentation at the University of Texas Health Science Center at San Antonio. San Antonio, TX; 10/2014.
21. Bipolar Disorders: Neurobiology and Therapeutic Implications. Grand Rounds presentation at the Albert Einstein School of Medicine. New York, NY; 10/2014.
22. Inflammatory Mechanism of Disease Progression in Bipolar Disorder. Translational Bridges in Mood and Addiction. Mayo Clinic, Rochester, MN; 09/2014.
23. Pediatric Bipolar Disorder. Houston Psychological Association. Houston, TX; 8/2014.
24. The Brief Cognitive Assessment Test for Affective Disorders (BAC-A): A New Instrument for Assessing Cognitive Functioning in Bipolar Disorder; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
25. Larger Globus Pallidum Volumes Among Bipolar Patients Carrying CACNA1C Gene Risk Allele; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
26. Distinguishing Individual Subjects with Bipolar or Unipolar Depression Using Neuroanatomical Scans and Machine Learning; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
27. Prediction of pediatric unipolar depression and characterization of maturation trajectories using multiple neuromorphometric measurements; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 05/2014 (Poster Presentation co-presenter).

28. Pediatric Bipolar Disorder: Diagnostic and Treatment Issues”; Depression and Bipolar Support Alliance, Houston, TX; 1/2014
29. Predictive Classification of Pediatric Bipolar Disorder Morphometric Features of the Amygdala; American College of Neuropsychopharmacology 52<sup>nd</sup> Annual Meeting, Hollywood, FL; 12/2013 (Poster Presentation co-presenter)
30. Symposium II: Postdoctoral Presentations. 2013 Medical School Research Retreat, University of Texas Health Science Center at Houston, Houston, TX; 10/2013. (Symposium Chair)
31. Decoding Healthy Maturation and Aging Patterns Across Lifespan using Diffusion Tensor Imaging; 2013 Society of Biological Psychiatry Conference, San Francisco, CA; 05/2013 (Poster Presentation co-presenter).
32. Predictive Classification of Pediatric Bipolar Disorder using Amygdala Morphometric Features; 2013 Society of Biological Psychiatry Conference, San Francisco, CA; 05/2013 (Poster Presentation co-presenter).
33. Research Colloquium for Junior Investigators. American Psychiatry Association Annual Meeting, San Francisco, CA; 05/2013. (Faculty Moderator)
34. UT Psychiatry & Behavioral Sciences Grand Rounds; UTHealth, TX; 04/2013
35. The BDNF val66met polymorphism as a predictor of memory impairment in bipolar disorder; 20<sup>th</sup> Annual Neuroscience Poster Session; Houston, TX; 01/2013 (Poster Presentation co-presenter).
36. Houston, Abbott-Psychiatry Stand Alone Meeting, Sao Paulo, Brazil. 9/2012
37. Grand Rounds; Department of Psychiatry, UTMB Health School of Medicine, Galveston, TX. 8/2012
38. Grand Rounds; Tomball Regional Medical Center, Tomball, TX. 6/2012
39. The Neuroanatomy of Melancholy: An Update Circa 2012. 28<sup>th</sup> CINP World Congress of Neuropsychopharmacology, Stockholm, Sweden. 6/2012
40. Comprehensive Management of Anxiety Disorders. at 6<sup>th</sup> Pain & 1<sup>st</sup> CNS Pfizer Latin American Forum, Riviera Maya, Mexico. 6/2012
41. Clinical Strategies to Improve Patient Adherence in the Management of Mood Disorders. at 6<sup>th</sup> Pain & 1<sup>st</sup> CNS Pfizer Latin American Forum, Riviera Maya, Mexico. 6/2012
42. Deep Brain Stimulation: Rethinking Depression and It’s Treatment. American Psychiatric Association Annual Meeting, Philadelphia, PA; 5/2012.
43. Developmental Risk for Anxiety and Depression: A Translational Neuroscience Approach. American Psychiatric Association Annual Meeting, Philadelphia, PA; 05/2012.
44. Pros and Cons of Spect Brain Imaging: What Is the Status of the Science? at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012
45. Electronic Medical Records Database Debate at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012
46. Translational Research on Mood Disorders: A Primer for the Clinician at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012

47. Management of Patients with Treatment Resistance Bipolar Disorder at UT Psychiatry Updates Memorial Hermann Hospital. Houston, TX. 2/2012
48. Looking Back-Moving Forward A Look at UTHCPC's Center of Excellence; University of Texas Harris County Psychiatric Center. Houston, TX. 10/2011
49. Bilateral Hippocampal Volume Decreases in Pediatric Patients on Valproic Acid; Society of Biological Psychiatry, San Francisco, CA (Poster Presentation co-presenter); 05/2011
50. Bipolar Disorders and Clinical Management; International Conference on New Discoveries in the Brain, Panama City, Panama; 05/2011
51. Treatment Resistant Bipolar Disorder; Depression and Bipolar Support Alliance Mental Health Symposium, Houston, TX; 05/2011
52. Bipolar Disorders: Diagnosis, Pathophysiology and Treatment Considerations. Northwestern University Grand Rounds, Feinberg School of Medicine, Chicago, IL; 04/2011.
53. Public Forum on Bipolar Disorder and Depression, Moderator; Neuroscience Research Center, UTHealth MSB; 02/2011
54. Shades of Blue: Recognizing Mood Disorders, New Hope and Treatments; UT Talks, River Oaks Country Club, Houston, TX; 12/2010
55. The Characteristics of Recover; National Alliance on Mental Illness, Houston, TX; 10/2010
56. UT Neurology Grand Rounds; UTHealth, Houston, TX; 10/2010
57. Bipolar Disorders: Diagnosis, Pathophysiology and Treatment Considerations; Harris County Psychiatric Center, Houston, TX; 09/2010
58. Espectro bipolar; International Bipolar Disorder Symposium; San Paulo, Brazil; 09/2010
59. Bipolar Disorders; MEA Seminar Series; Houston, TX; 09/2010
60. Bipolar Disorders: Diagnosis, Pathophysiology and Treatment Considerations; UTMS Neurobiology and Anatomy; Houston, Texas; 09/2010
61. Bipolar Disorders; UTHSC Family Medicine Grand Rounds; Houston, Texas 08/2010
62. Bipolar Disorders: Diagnostic & Treatment Consideration; Pys & BS Grand Rounds, Houston, TX 2010
63. JCAAP Editors Meeting: The Child Mind Institute; New York, July/2010
64. Bipolar Disorders: Diagnosis, Mechanisms and Therapeutic Implications; UTHSC Dept of Internal Medicine Grand Rounds; 07/2010
65. Healthy Minds Across America: Discovering Hope through Science; Moderator at NARCD in partnership with UTHSC & UTMB Galveston; Houston, Texas; 06/2010
66. New Approaches to Treatment-Summary of Major Developments in 2009; 10<sup>th</sup> Annual International Review of Bipolar Disorders; Budapest, Hungary; 05/2010

67. Texas Society of Psychiatric Physicians, Texas Medical Association, Ft Worth, Texas. 04/2010
68. Opening Remarks; Ethical Challenges of Treatment Alliances Involving a Diverse Mental Health Work Force and Patient Population; UT Dept of Psychiatry & Texas Regional Psychiatry Minority Mentor Network; UT Harris County Psychiatric Center; 04/2010
69. UT Psychiatry Update, UTHSC- Harris County Psychiatric Center, Houston, Texas; 04/2010
70. Bipolar Disorder. Impulsivity and Brain Function in Bipolar Disorder; Scientific Meeting of the International Society of Research on Impulsivity. San Francisco, CA. 5/2011
71. Neuroimaging of Depression: Latest Findings. Schizophrenia and Depression “Clinical and Neuroscience Update”, Florence, Italy, 03/ 2010.
72. Bipolar Disorder: Towards a Pathophysiology; UTMS Department of Neurology Grand Rounds; 03/2010
73. Education, Acceptance, Recovery: A Journey of Mental Wellness. The Women’s Home; Houston, Texas; 1/2010
74. Neuroimaging and Neurocognitive Studies of Pediatric Bipolar Disorder. Celebration of 10 years of Residency in Psychiatry, University of Udine, Udine, Italy; 12/2009
75. Neuroimaging and Neurocognitive Studies of Bipolar Disorder. Celebration of 10 years of Residency in Psychiatry, University of Udine, Udine, Italy; 12/2009
76. Neuroimagen en el Trastorno Bipolar. Dr. Manuel Camelo Foundation, University of Monterrey, Monterrey, Nuevo Leon, Mexico; 11/2009
77. Actualidades en la Investigacion del Trastorno Bipolar. Dr. Manuel Camelo Foundation, University of Monterrey, Monterrey, Nuevo Leon, Mexico; 11/2009
78. Pediatric Bipolar Disorder. Department Grand Rounds, Menninger Department of Psychiatry and Behavioral Sciences, Baylor College of Medicine, Houston, TX; 11/2009
79. Pediatric Bipolar Disorder. Student Interest Group in Neurology and Psychiatry, University of Texas Medical School at Housotn, Houston, TX; 10/2009
80. Bipolar Disorder. Chapter Meeting, Houston Psychiatric Society, Houston, TX; 10/2009
81. Neuroimaging and Neurocognitive Studies of Pediatric Bipolar Disorder. Department Grand Rounds, Department of Psychiatry and Behavioral Science, Emory University School of Medicine, Atlanta, GA.; 06/2009.
82. Bipolar Disorder: Towards a Pathophysiology. Ted Alden Lecture, Duke University Medical Center (Invited Lecturer); 04/2009.
83. Bipolar Disorder: Towards a Pathophysiology. Central Regional Hospital, Butner, NC (Invited Lecturer); 04/2009.
84. Bipolar Disorder: Towards a Pathophysiology. National Institute of Mental Health, Bethesda, MD (Invited Lecturer); 04/2009.

85. Bipolar Disorders: Update on Neurobiological Mechanisms. University of North Carolina, Neurobiology of Mental Illness Series (Invited Lecturer); 04/2009.
86. Bipolar Disorder: Towards a Pathophysiology, Department Grand Rounds, Department of Psychiatry, Vanderbilt University, Nashville, TN; 02/2009.
87. Pediatric Bipolar Disorder: Prospects for Biomarkers, NIMH sponsored conference on Bipolar Disorder in Children and Adolescents: New Data to Inform Classification, Washington, DC (Invited Lecturer); 02/2009.
88. Anxiety Disorders and Treatment Update, New Directions in Psychiatry 2009, EXCEL Continuing Education, Jacksonville, FL (Invited lecturer); 02/2009.
89. Bipolar Disorders: Towards a Pathophysiology, Department of Psychiatry, University of Colorado, Denver, CO (Invited Lecturer); 01/2009.
90. What have we learned about mood disorders via imaging techniques? Psychiatry Forum, Istanbul, Turkey (Invited Lecturer); 01/2009.
91. Could the imaging techniques be used for the differential diagnosis of Schizophrenia and Bipolar disorders? Focus on the specificity and the sensitivity of the findings Psychiatry Forum, Istanbul, Turkey (Invited Lecturer); 01/2009.
92. Imaging of Bipolar Disorder, Department of Psychiatry & Behavioral Neuroscience, The University of Chicago, Chicago, IL (Invited Lecturer); 12/2008.
93. “Neuroimaging and Neurocognitive Studies of Pediatric Bipolar disorder”, Pediatric and Adult Psychosis: Focus on Schizophrenia and Bipolar Disorder, Universita Degli Studi Di Verona, Verona, Italy (Invited Lecturer); 10/2008.
94. “The Challenges of Diagnosing and Treating Bipolar Disorder in Primary Care Settings”, Southern Regional AHEC, Fayetteville, NC (Invited Lecturer); 10/2008.
95. An investigation of pediatric bipolar patients with and without attention-deficit/hyperactivity disorder using Baddeley’s multi-component model of working memory, American Academy of Child and Adolescent Psychiatry, Chicago, IL (Poster Presentation co-presenter); 10/2008.
96. Anxiety Disorders: Diagnostic and Therapeutic Issues, Update in the Management of Psychiatry Disorders Symposium, EXCEL Continuing Education Miami, FL (Invited Lecturer); 10/2008.
97. Bipolar Disorders: Towards a Pathophysiology, Department of Psychiatry, University of Texas Southwestern Medical Center, Dallas, TX; 10/2008.
98. Bipolar Spectrum Disorder: Overview of Diagnoses and Clinical Presentation, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Invited Lecturer); 09/2008.
99. Recent Neuroimaging Findings in Bipolar Disorder Panel, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Moderator); 09/2008.
100. Multimodal Imaging of Bipolar Spectrum Disorders Panel, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Moderator); 09/2008.



101. Childhood Disorders including Autism, ADHD, Conduct, Eating, and Mood Disorders, APA Colloquium for Young Investigators, Washington DC (Faculty Moderator); 05/2008.
102. BPAD: An Overview of Basic Science, Pediatric Bipolar Conference, Evidence Based Medicine, UNC & Duke University, Durham, NC (Invited Speaker); 05/2008.
103. Impulsivity and Bipolar Disorder, Eighth International Review of Bipolar Disorders, Copenhagen, Denmark (Invited Lecturer); 04/2008.
104. The Challenges of Diagnosing & Treating Bipolar Disorder in Primary Care, NCAFP Spring Family Physicians Weekend, Concord, NC (Invited Speaker); 04/2008.
105. Case Conference, Bipolar Disorder, Rehab Unit, John Umstead Hospital, Duke University Medical School, Durham, NC (Moderator); 04/2008.
106. Mood Disorders – Where Technology Meets Tradition, Ohio Psychiatric Physicians Association, Beachwood, OH; 04/2008.
107. Diagnosing and managing bipolar disorder in primary care settings, Southern Regional AHEC, Randolph Hospital (Invited Speaker); 02/2008.
108. Three-dimensional mapping of hippocampal anatomy in unmedicated patients with unipolar depression. ACNP Annual Meeting. (Poster Presentation, Co-Presenter); 12/2007.
109. Grand Rounds Presentation, Department of Psychiatry, University of Virginia , Charlottesville, VA(Invited Lecture); 11/2007.
110. Neuroimaging and Neurocognitive Studies of Bipolar Disorder, Neurodevelopmental Disorders Research Center, Monthly Investigator Forum, UNC Department of Psychiatry (Invited Lecture); 10/2007.
111. Update on Bipolar Disorders: UNC CERT-BD Program, AHEC presentation, UNC Department of Psychiatry (Invited Lecture); 10/2007.
112. Grand Rounds Presentation, Department of Psychiatry, Cambridge Hospital, Harvard Medical School (Invited Lecture); 09/2007.
113. Case Studies of Refractory Mania, Eleventh Annual, Eastern Mental Health Symposium, Wrightsville Beach, NC (Invited Speaker); 08/2007.
114. Neuroimaging and Neurocognitive Studies of Bipolar Disorder, CERT-BD Research Seminars, UNC Department of Psychiatry. (Invited Lecture); 08/2007.
115. Bipolar Affective Disorder, PGY-IV Resident's Lecture; 08/2007.
116. Bipolar Disorder and corticolimbic gray matter reduction: a voxel-based morphometry study, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
117. Risk taking and impulsivity in bipolar disorder: impact of history of alcohol abuse, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
118. Superior antimanic efficacy of allopurinol compared to dipyridamol and placebo as add-on treatment to lithium in unmedicated bipolar patients during a mania

- episode: a double-blind placebo-controlled trial, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
119. Glutamatergic abnormalities in the left dorsolateral prefrontal cortex of patients with bipolar disorder and comorbid alcohol/drug use disorders: a proton spectroscopy study, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
  120. Differential involvement of inflammatory markers in adult and pediatric bipolar disorder, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
  121. Reduction in the availability of the neurotrophic factor Insulin Growth Factor (IGF)-1, but not brain derived neurotrophic factor (BDNF), in individuals with mood disorder may result from synergistic effects of disease-specific processes and normal age-associated reduction in circulating levels, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
  122. Brain Imaging and Neurocognition: Contributions to the Study of Pathophysiology of Bipolar Disorder, Grand Rounds Presenter, Mayo Clinic, Rochester, NY (Invited Lecturer); 06/2007.
  123. Brain Imaging and Neurocognition: Contributions to the Study of Pathophysiology of Bipolar Disorder, Grand Rounds Presenter, University of North Carolina, Department of Psychiatry, Chapel Hill, NC (Invited Lecturer); 09/2006.
  124. Neuroscience Perspective on Depression, Anxiety and Related Disorders, Texas Academy of Family Physicians, San Antonio, TX (Invited Lecturer); 09/2006.
  125. Neurobiology of Bipolar Disorder in Childhood and Adolescents, 2006 Brazilian Forum on Bipolar Disorders, Porto Alegre, BR (Invited Lecturer); 08/2006.
  126. Neuroimaging Studies of Bipolar Disorder, 2006 Brazilian Forum on Bipolar Disorder, Porto Alegre, BR (Invited Lecturer); 08/2006.
  127. Review of Treatment Issues on a Patient with Bipolar Disorder and Alcoholism, 2006 Brazilian Forum on Bipolar Disorder, Porto Alegre, BR (Invited Lecturer); 08/2006.
  128. Endophenotypic Markers for Bipolar Disorder, CINP 2006 Symposium, CINP Congress, Chicago, IL (Co-Presenter); 07/2006.
  129. In Vivo <sup>1</sup>H MRS Studies and Possible Endophenotypic Markers for Bipolar Disorder, CINP 2006 Symposium, CINP Congress, Chicago, IL (Invited Speaker); 07/2006.
  130. Sensitivity and Specificity of Cognitive Defects for Bipolar Disorder, International Society for Bipolar Disorder 2006 Annual Conference, Edinburgh, UK (Co-Presenter); 07/2006.
  131. Functioning of Families with Juvenile Bipolar Offspring, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.

132. Deficits in Working Memory and Executive Function in Juvenile Bipolar Disorder, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
133. Proton Chemical Shift Imaging in Pediatric Bipolar Disorder, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
134. N-Acetyl Aspartate Reduction in the Dorsolateral Prefrontal Cortex of Pediatric Bipolar Patients, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
135. Effects of Lithium Treatment on Human Brain Structure Mapped Using Longitudinal MRI, ACNP Congress 2005 Annual Meeting, ACNP Congress, San Juan, PR (Sole Presenter); 12/2005.
136. Cortical Mapping of Gray Matter Density in Bipolar Disorder Patients, Society for Neuroscience Annual Meeting, Society for Neuroscience, Washington, DC (Sole Presenter); 11/2005.
137. Update of Neurobiology and Treatment of Bipolar Disorders, The Montana Neurosciences Institute Foundation, Missoula, MT (Invited Speaker); 11/2005.
138. Contributions From Neuroimaging to Study the Pathophysiology of Bipolar Disorder, The Montana Neuroscience Institute Foundation, Missoula, MT (Invited Speaker); 11/2005.
139. Clinical implications of the bipolar spectrum, Bipolar Disorders Symposium, Porto Alegre, BR (Sole Presenter, Invited Lecture); 03/2005.
140. Comorbidities in the treatment of bipolar disorders, Bipolar Disorders Symposium, Porto Alegre, BR (Sole Presenter, Invited Lecture); 03/2005.
141. Brain abnormalities in bipolar disorder-perspectives from pediatric and adult studies, Wayne State University, Department of Psychiatry grand rounds presentation, Detroit, MI (Sole Presenter, Invited Lecture); 03/2005.
142. Brain Imaging Changes in Bipolar Disorders-Do they exist and do they progress?, Wayne State University, Department of Psychiatry Research Seminars presentation, Detroit, MI (Sole Presenter, Invited Lecture); 03/2005.
143. Neuroimaging of mood and anxiety disorders, Pfizer Neuroscience Workshop, Antalya, TU (Sole Presenter, Invited Lecture); 3/2005.
144. Smaller cingulate gray matter volumes in unipolar depression, American College of Neuropsychopharmacology (ACNP) Congress, San Juan, PR (Poster Presentation, Co-Presenter); 12/2004.
145. Update on the neurobiology of bipolar disorders, 22nd Brazilian Congress of Psychiatry, Salvador, Bahia, BR (Sole Presenter, Invited Lecture); 10/2004.
146. Brain abnormalities in bipolar disorder-perspectives from pediatric and adult studies, 17th European College of Neuropsychopharmacology Congress, Stockholm, SW (Sole Presenter, Invited Lecture); 10/2004.
147. In vivo fMRI study of GABAergic brain function in human subjects, Society for Neuroscience Annual Meeting, San Diego, CA (Sole Presenter); 10/2004.

148. Fronto-Limbic Brain Abnormalities in Juvenile Onset Bipolar Disorder, Management of Difficult Cases of Attention Deficit Hyperactivity Disorder: Focus on Comorbidity and Complexity, University of Texas Health Science Center at San Antonio CME conference, San Antonio, TX (Sole Presenter, Invited Lecture); 09/2004.
149. Advances in Neuroimaging Applied to Psychiatry, Seminar on Neuroimaging in Psychiatry, Rio de Janeiro, BR (Sole Presenter, Invited Lecture); 07/2004.
150. Brain imaging findings in mood disorders, Seminar on Neuroimaging in Psychiatry, Rio de Janeiro, BR (Sole Presenter, Invited Lecture); 07/2004 .
151. Bipolar Disorders-Update on Neurobiological Mechanisms, Lecture at the Center for Health Care Services, San Antonio, TX (Sole Presenter, Invited Lecture); 07/2004.
152. Brain Imaging and the Pathophysiology of Mood Disorders, Symposium at the Collegium International Neuro-Psychopharmacologicum (CINP) Congress, Paris, FR (Co-Chair); 06/2004.
153. Mood Stabilizers and neuroprotection: evidence from in vivo brain imaging studies, Collegium International Neuro-Psychopharmacologicum (CINP) Congress, Paris, FR (Sole Presenter, Invited Lecture); 06/2004.
154. Bipolar affective disorders, São Paulo State Psychiatry Congress, São Paulo, BR (Invited Lecture); 06/2004.
155. Fronto-limbic brain abnormalities in bipolar disorders, São Paulo State Psychiatry Congress, São Paulo, BR (Invited Lecture); 06/2004.
156. Advances in the pharmacological treatment of bipolar disorders, Bipolar Disorders Symposium, Porto Alegre, BR (Invited Lecture); 05/2004.
157. Bipolar spectrum-diagnostic and clinical implications, Bipolar Disorders Symposium, Porto Alegre, BR (Invited Lecture); 05/2004.
158. The phosphoinositol pathway and the pathophysiology of bipolar disorders, Federal University of Rio Grande do Sul, Porto Alegre, BR (Invited Lecture); 05/2004.
159. Treatment of bipolar disorders in the future, Taped audio CME activity, Medical Information Systems, Inc., New York City, NY (Co-Presenter); 05/2004.
160. Effects of age on brain abnormalities in juvenile onset bipolar disorders, Society of Biological Psychiatry Congress, Workshop on "Psychiatry Disorders and Neurodevelopment", New York, NY (Sole Presenter); 04/2004.
161. Contributions from neuroimaging to the study of pathophysiology of bipolar disorders, Department of Medicine Research Seminars, UTHSCSA, San Antonio, TX (Invited Lecture); 04/2004.
162. Fronto-limbic abnormalities in juvenile onset bipolar disorders, NIH Pediatric Bipolar Disorders Symposium, Boston, MA (Invited Lecture); 03/2004.
163. Brain Imaging and the Pathophysiology of Bipolar Disorder, International Congress of Biological Psychiatry, Sydney, AS (Sole Presenter); 02/2004.
164. MRI/MRS Studies of Children and Adolescents, International Congress of Biological Psychiatry, Sydney, AUS (Sole Presenter); 02/2004.

165. Brain Abnormalities in Bipolar Disorder: Do They Exist and Do They Progress?, International Congress of Biological Psychiatry, Sydney, AUS (Sole Presenter); 02/2004.
166. Bipolar Disorders: Update on Neurobiological Mechanisms, Bipolar Disorders Symposium, Boston, MA (Invited Lecture); 01/2004.
167. Fronto-limbic brain abnormalities in bipolar children and adolescents: preliminary results, 42nd Annual Meeting of the American College of Neuropsychopharmacology, San Juan, PR (Co-Presenter); 12/2003.
168. Cyclooxygenase-2 As A Therapeutic Target in Human Brain Disease, Study Group, ACNP 42nd Annual Meeting, San Juan, PR (Co-Presenter); 12/2003.
169. Fronto-limbic abnormalities in bipolar children and adolescents, American College of Neuropsychopharmacology (ACNP) Congress, San Juan, PR (Sole Presenter); 12/2003.
170. The Role of Neuroimaging in the Study of Pathophysiology of Bipolar Disorder, Lecture presented at the IRCCS Centro S Giovanni di Dio-Fatebenefratelli, Brescia, IT (Invited Lecture); 11/2003.
171. Psychiatry and Substance Abuse Discussion Section, Chair. Group 1, Annual Breakfast meeting for Dana Foundation Imaging Grantees, Society of Neuroscience 33rd Annual Meeting, New Orleans, LA (Sole Presenter); 11/2003.
172. Brain Imaging Changes in Bipolar Disorder: Do they Exist and Do They Progress?, Meeting of the European Foundation for Psychiatry on "Bipolar Disorder: The Upswing in Research and Treatment", Maudsley Hospital, King's College London, UK (Invited Lecture); 11/2003.
173. Brain Imaging in Bipolar Disorder: What clinicians Need to Know, 55th Institute on Psychiatric Services Symposium, Boston, MA (Invited Lecture); 10/2003.
174. Lamotrigine in The Treatment of Bipolar Disorder, XXI Brazilian Congress of Psychiatry, GlaxoSmithKline, Satellite Symposium, Goiania, BR (Invited Lecture); 10/2003.
175. Diagnostic and Therapeutic Issues on the Bipolar Spectrum, XXI Brazilian Congress of Psychiatry, Goiania, BR (Invited Lecture); 10/2003.
176. Fronto- Limbic Abnormalities in Bipolar Children and Adolescents: Findings from a Preliminary MRI/MRS Study, Child Depression Consortium meeting, Hosted by the Academic Division of Child Psychiatry, Department of Psychiatry, University of Pittsburgh Medical Center, Pittsburgh, PA (Invited Lecture); 09/2003.
177. Update on the Treatment of Bipolar Disorder, Annual Congress of the Mexican Psychiatric Association, Eli Lilly de Mexico S.A de C.V., MEX (Invited Lecture); 09/2003.
178. What is the limit to bipolarity-therapeutic implications, Astra-Zeneca Medical Education Program, San Antonio, TX (Sole Presenter); 09/2003.
179. Contributions from brain imaging to the elucidation of pathophysiology of bipolar disorders, University of Texas Southwestern Medical Center Grand Round Presentation, Department of Psychiatry, Dallas, TX (Invited Lecture); 09/2003.

180. Co-moderator, Cognitive and Psychiatric Disorders, Eleventh Scientific Meeting and Exhibition, International Society of Magnetic Resonance in Medicine (ISMRM), Toronto, CA (Co-Presenter); 07/2003.
181. Recent New Developments on Pathophysiology and Aetiology of Bipolar Disorders, Lecture presented at the Expert Review on Bipolar Disorders Conference, Munich, GM (Invited Lecture); 04/2003.
182. Brain Imaging Studies in Bipolar Disorders, Lecture presented as part of the Neuroscience Imaging Program (NISTP) series, Yale University School of Medicine, New Haven, CT (Invited Lecture); 03/2003.
183. Update on Treatment of Bipolar Disorders, Grand Rounds lecture presented at VA Medical Center, Baylor College of Medicine, Houston, TX (Invited Lecture); 02/2003.
184. Abnormal amygdala development in bipolar adolescents: A preliminary study, 41st Annual American College of Neuropsychopharmacology meeting, San Juan, PR , PR (Poster Presentation, Co-Presenter); 12/2002.
185. Decreased left anterior cingulate volumes in untreated bipolar disorder patients, Society of Neuroscience Meeting, Orlando, FL (Poster Presentation, Co-Presenter); 11/2002.
186. Management of Mood Swings During Treatment of Bipolar, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (WFSBP), Santiago, CI (Invited Lecture); 11/2002.
187. Where is the Limit of Bipolarity? Therapeutic Implications, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (WFSBP), Santiago, CI (Invited Lecture); 11/2002.
188. Use of Mood Stabilizers in Bipolar Depression: Clinical Management and Practical Approaches, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (SFSBP), Santiago, CI (Invited Lecture); 11/2002.
189. Pharmacological Treatment of Bipolar Disorder, Lecture presented at CME Conference at Texas A&M University, Corpus Christi, TX (Invited Lecture); 11/2002.
190. Lithium effects in dorso-lateral prefrontal cortex in healthy individuals: A 1H MRS study, International Society for Brain Electromagnetic Topography (ISBET), 12th World Congress, Naples, IT (Poster Presentation, Co-Presenter); 10/2002.
191. Lithium effects on dorso-lateral prefrontal cortex in bipolar disorder patients, International Society for Brain Electromagnetic Topography (ISBET), 12th World Congress, Naples, IT (Poster Presentation, Co-Presenter); 10/2002.
192. Brain Imaging Investigations on Bipolar Disorders, Lecture presented at Department Grand Rounds, Department of Psychiatry, University of Mississippi School of Medicine, Jackson, MS (Invited Lecture); 10/2002.
193. Diagnosis and Treatment of Bipolar Depression, Lecture presented at the Brazilian Congress of Psychiatry, Florianopolis, BR (Invited Lecture); 10/2002.

194. Brain Imaging Studies on the Mechanism of Action of Mood Stabilizers, Lecture presented at the 15th ECNP Congress, Barcelona, SP (Invited Lecture); 10/2002.
195. In vivo MRI and MRS studies of the mechanisms of action of lithium, Lecture Presented at The Third European Conference on Bipolar Disorder, Freiburg, GM (Invited Lecture); 09/2002.
196. Structural MRI and MRS Abnormalities in Bipolar Disorder, Lecture presented at the Third European Conference on Bipolar Disorder, Freiburg, GM (Invited Lecture); 09/2002.
197. Opportunities for Research Training, Meet the Expert Session, For Young Fellows, World Psychiatric Association Congress, Yokohama, JAP (Co-Presenter); 08/2002.
198. Anatomical MRI studies in bipolar disorder, Symposium on "Recent Progress on Lithium Study- from Basic to Clinical Approach", World Psychiatric Association Congress, Yokohama, JAP (Invited Lecture); 08/2002.
199. Brain imaging findings in bipolar disorder-what clinicians need to know?, II International Symposium on Psychosis, Salvador, BR (Invited Lecture); 08/2002.
200. Update on Diagnosis and Treatment of Schizoaffective Disorder, Lecture presented at the II International Symposium on Psychosis, Salvador, BR (Invited Lecture); 08/2002.
201. Brain Imaging Findings in Bipolar Disorder, Lecture presented at the XXIII Congress of the Collegium Internationale Psychopharmacologicum (CINP 2002 Congress), Montreal, CA (Invited Lecture); 06/2002.
202. An Update on the Management of Bipolar Mania, Lecture presented at the Waco VA Medical Center, Waco, TX (Invited Lecture); 06/2002.
203. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at the Austin State Hospital, Austin, TX (Invited Lecture); 06/2002.
204. A Post-processing method to accurately quantify N-acetylaspartate in short echo time in vivo 1H spectra, International Society for Magnetic Resonance in Medicine Meeting, Honolulu, HI (Poster Presentation, Co-Presenter); 05/2002.
205. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at Austin State School, Austin, TX (Invited Lecture); 05/2002.
206. Brain imaging studies in bipolar disorder, Lecture presented at the institute of Psychiatry, University of São Paulo School of Medicine, São Paulo, BR (Invited Lecture); 04/2002.
207. Brain imaging in bipolar disorder – what clinicians should know?, Lecture presented at the Department of Psychiatry, Federal University of Rio Grande do Sul, Porto Alegre, BR (Sole Presenter, Invited Lecture); 04/2002.
208. Advances in the pharmacological treatment of bipolar disorder, Lecture presented at the Department of Psychiatry, Federal University of Rio Grande do Sul, Porto Alegre, BR (Invited Lecture); 04/2002.
209. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at Miami City Club, Miami, FL (Invited Lecture); 04/2002.

210. Increased gray matter brain content in lithium-treated bipolar patients, International Society of Affective disorders Congress, Taormina, IT (Oral Presentation); 03/2002.
211. Brain imaging – potential for studies in bipolar disorder, Two workshop sessions organized at the Lilly Laboratories Global Medical Conference, Two Workshop Sessions, Lilly Laboratories, Monte Carlo, MN (Invited Lecture); 03/2002.
212. Brain imaging in bipolar disorder, Lecture presented at the Lilly Laboratories Global Medical Conference, Lilly Laboratories, Monte Carlo, MN (Invited Lecture); 03/2002.
213. Brain imaging studies in bipolar disorder, Lecture presented at the Research Imaging Center, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 03/2002.
214. Brain imaging in Psychiatry, San Antonio Medical Imaging Research Workshop (SAMIR) 2002, Department of Radiology, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2002.
215. Brain imaging studies in bipolar disorder, Lecture presented at Grand Rounds, Department of Psychiatry, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2002.
216. Brain imaging in Psychiatry, Lecture presented at the Mental Health and Public Policy Symposium, University of California, Berkeley, CA (Invited Lecture); 01/2002.
217. 1H MRS study of frontal cortex in bipolar adolescents: a preliminary study, American College of Neuropsychopharmacology Meeting, Kona, HI (Poster Presentation); 12/2001.
218. Gray matter reduction in bipolar patients with MRI and voxel-based morphometry: preliminary results, Society for Neuroscience Annual Meeting, San Diego, CA (Poster Presentation, Co-Presenter); 11/2001.
219. Brain imaging findings in bipolar disorder, Lecture presented at the Brazilian Congress of Psychiatry, Recife, BR (Invited Lecture); 11/2001.
220. Opportunities for postdoctoral fellowship training abroad, Presentation at the round table on “Postgraduate Training in Psychiatry”, Brazilian Congress of Psychiatry, Recife, BR (Sole Presenter); 11/2001.
221. New developments in the treatment of bipolar disorder, Lecture presented at the meeting of the local APA chapter for Upstate New York, APA, Cooperstown, NY (Invited Lecture); 11/2001.
222. Neuroimaging in bipolar disorder, Lecture presented at the International Symposium on Bipolar Disorder, Cascais, PT (Invited Lecture); 11/2001.
223. Brain imaging in bipolar disorders: what clinicians should know?, Lecture presented at the Buffalo Psychiatric Society Meeting, Buffalo, NY (Invited Lecture); 10/2001.
224. Anatomical MRI study of the subgenual prefrontal cortex in bipolar and unipolar disorder patients, 6th World Congress of the International Society for Neuroimaging in Psychiatry, Bern, SZ (Poster Presentation, Co-Presenter); 09/2001.



225. Corpus callosum signal intensity in bipolar and unipolar disorder patients, 6th World Congress of the International Society for Neuroimaging in Psychiatry, Bern, SZ (Poster Presentation, Co-Presenter); 09/2001.
226. Co-chair for session on "Biological Models and Neurobiology", International Workshop on Bipolar Disorders, St. Tropez, FR (Co-Presenter); 09/2001.
227. Brain Imaging, Lecture at International Workshop on Bipolar Disorders, St. Tropez, FR (Invited Lecture); 09/2001.
228. Are there abnormalities in corpus callosum size in bipolar disorder patients?, 7th World Congress of Biological Psychiatry, Berlin, GM (Poster Presentation, Co-Presenter); 07/2001.
229. Co-chair of symposium on "Brain Imaging Investigations of Mood Disorders", 7th World Congress of Biological Psychiatry, Berlin, GM (Co-Presenter); 06/2001.
230. 7Li MRS as a psychopharmacological tool, Lecture presented at the symposium on "Brain Imaging Investigations of Mood Disorders", 7th World Congress of Biological Psychiatry, Berlin, GM (Invited Lecture); 07/2001.
231. Bipolar imaging: what clinicians need to know?, Lecture presented at the Latin American Regional Conference on Bipolar Disorders, Lilly Laboratories, San Juan, PR (Invited Lecture); 07/2001.
232. Brain imaging in bipolar disorders, Workshop presented at the Biological Psychiatry Branch, National Institute of Mental Health, Washington, DC (Invited Lecture); 07/2001.
233. Glutamatergic abnormalities in the left dorsolateral prefrontal cortex in unmedicated unipolar disorder patients: a preliminary study, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
234. Are amygdala volumes increased in bipolar disorder patients?, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
235. MRI volumetric analysis of pituitary gland in bipolar and unipolar disorder patients, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
236. White matter hyperintensities in bipolar and unipolar mood disorder subjects, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
237. Brain imaging studies in bipolar disorder, Lecture presented at the Department of Psychiatry, University of California, San Francisco, CA (Invited Lecture); 06/2001.
238. Bipolar imaging: what clinicians need to know?, Lecture presented at the Global Medical Conference on Bipolar Disorder, Lilly Laboratories, Indianapolis, IN (Invited Lecture); 06/2001.
239. Lorazepam administration and 1H MRS brain metabolites in human subjects, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Oral Presentation); 05/2001.

240. Decreased pituitary volume in bipolar patients, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.
241. MRI study of corpus callosum abnormalities in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.
242. 1H MRS study of the DLPFC in unipolar disorder patients, Presented at the Society of Biological Psychiatry Annual Meeting, Society of Biological Psychiatry, New Orleans, LA (Poster Presentation); 05/2001.
243. Are amygdala volumes abnormal in bipolar disorder patients?, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.
244. Contributions from brain imaging to understanding the pathophysiology of bipolar disorder, Grand rounds presentation at Department of Psychiatry, University of Arizona College of Medicine, Tucson, AZ (Invited Lecture); 05/2001.
245. Brain imaging studies of bipolar disorder, Lecture presented at the Department of Psychiatry, University of Michigan, Ann Arbor, MI (Invited Lecture); 05/2001.
246. Brain imaging investigations in bipolar disorder, Grand rounds presentation at Department of Psychiatry, Indiana University, Indianapolis, IN (Invited Lecture); 04/2001.
247. The contribution of brain imaging to the understanding of bipolar disorder, "Expert Review of Bipolar Disorders" symposium, Prague, CZ (Invited Lecture); 03/2001.
248. Brain imaging investigations in bipolar disorder, Grand Rounds Presentation at the Department of Psychiatry, University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2001.
249. Can brain imaging studies provide a "mood stabilizer signature"?, Lecture presented at the "think-tank" on "What makes a drug a primary mood stabilizer?", Lilly Laboratories, Indianapolis, IN (Invited Lecture); 02/2001.
250. 1H-MRS brain measures and acute lorazepam administration, Presented at American College of Neuropsychopharmacology Annual Meeting, San Juan, PR (Poster Presentation, Co-Presenter); 12/2000.
251. Platelet membrane phosphoinositide levels and in vivo brain myo-inositol measures in human subjects, Presented at Society for Neuroscience Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 11/2000.
252. Co-chair for symposium on "Neuroimaging investigations in bipolar disorder", CINP Congress, Brussels, BE (Co-Presenter); 07/2000.
253. Anatomical MRI study of posterior fossa structures in bipolar disorder, CINP Annual Meeting, Brussels, BE (Poster Presentation, Co-Presenter); 07/2000.
254. Neurochemical brain imaging findings in bipolar disorder, CINP Congress, Lecture presented at the symposium on "Neuroimaging investigations in bipolar disorder", Brussels, BE (Invited Lecture); 07/2000.

255. Co-chair for workshop on "Neurochemical brain imaging investigations in bipolar disorder", Society of Biological Psychiatry Annual Meeting, Chicago, IL (Co-Presenter); 05/2000.
256. PIP2 platelet membrane levels: a marker of relevance for the pathophysiology of bipolar disorder?, Society of Biological Psychiatry Annual Meeting, Chicago, IL (Oral Presentation); 05/2000.
257. Anatomical MRI study of basal ganglia in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter)' 05/2000.
258. MRI investigations of cerebellar abnormalities in bipolar disorder, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.
259. Dorsolateral prefrontal cortex abnormalities in bipolar disorder – possible effects of lithium treatment?, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.
260. MRI Study of the Cingulate Cortex in Bipolar Disorder Patients, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.
261. <sup>1</sup>H and <sup>7</sup>Li MRS studies in bipolar disorder, Society of Biological Psychiatry Annual Meeting, Lecture presented at the workshop on "Neurochemical brain imaging investigations in bipolar disorder", Chicago, IL (Sole Presenter, Invited Lecture); 05/2000.
262. Increased PIP2 platelet levels in drug-free depressed bipolar patients, Society for Neuroscience Annual Meeting, Miami, FL (Sole Presenter, Oral Presentation); 10/1999.
263. Advances in the treatment of mania, mixed states, and rapid cycling, Canadian Psychiatric Association Annual Meeting, Symposium "Bipolar Disorder: Current Trends and Future Directions", Canadian Psychiatric Association, Toronto, CA (Invited Lecture); 09/1999.
264. MRS studies in bipolar disorder, Canadian Psychiatric Association Annual Meeting, Symposium "Advances in the neurobiology of bipolar disorder", Canadian Psychiatric Association, Toronto, CA (Invited Lecture); 09/1999.
265. Utilization of deuterium isotope effect to enhance specific brain uptake of [18F]altanserin, a 5HT<sub>2A</sub> radiotracer for PET, International Symposium on Radiopharmaceutical Chemistry, St. Louis, MO (Poster Presentation, Co-Presenter); 07/1999.
266. Improved PET quantification of 5HT<sub>2A</sub> receptors with [18F] deuterioaltanserin: a constant infusion paradigm, Society for Nuclear Medicine Annual Meeting, Los Angeles, CA (Poster Presentation, Co-Presenter); 06/1999.
267. Biochemical investigations of the anterior cingulate with 1.5T <sup>1</sup>H MRS in bipolar disorder patients, Brain 99 Congress, Copenhagen, DA (Poster Presentation, Co-Presenter); 06/1999.

268. Brain lithium concentrations measured with  $^7\text{Li}$  MRS at 3T in bipolar disorder patients, Brain 99 Congress, Copenhagen, DA (Poster Presentation, Co-Presenter); 06/1999.
269. Brain  $^7\text{Li}$  magnetic resonance spectroscopy measures at 3T in bipolar disorder patients, III International Conference on Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1999.
270. In vivo 1.5T  $^1\text{H}$  MRS neurochemical brain abnormalities in bipolar disorder patients, III International Conference on Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1999.
271. Specificity of Lithium in the Treatment of Bipolar Disorders, Lecture presented at the III International Conference on Bipolar Disorders, Pittsburgh, PA (Invited Lecture); 06/1999.
272. Brain  $^7\text{Li}$  MRS measures at 3T in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Oral Presentation); 05/1999.
273. PIP2 and PKC platelet measures do not correlate in bipolar patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Oral Presentation); 05/1999.
274. NAA and choline measures in the anterior cingulate of bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Poster Presentation, Co-Presenter); 05/1999.
275. Protein kinase C (PKC) isozymes in lithium-treated bipolar patients, Society for Neurosciences Annual Meeting, New Orleans, LA (Oral Presentation); 11/1998.
276. New expectations in the treatment of affective disorders, Congress of the Chilean Society of Biological Psychiatry, Chilean Society of Biological Psychiatry, Vina del Mar, CI (Invited Lecture); 11/1998.
277. Lithium effects on membrane phosphoinositides in bipolar patients - evidence from a platelet study, XXI Collegium Internationale Neuro-Psychopharmacologicum, Glasgow, UK (Poster Presentation, Co-Presenter); 07/1998.
278. Changes on benzodiazepine receptor and development of tolerance during chronic benzodiazepine administration in healthy human subjects, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation, Co-Presenter); 06/1998.
279. H-2 and F-18 dual-labeled altanserin as a metabolically resistant PET ligand for serotonin-2A (5-HT<sub>2A</sub>) receptor, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation); 06/1998.
280. Benzodiazepine receptor imaging using [ $^{123}\text{I}$ ] iomazenil SPECT in schizophrenia, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation, Co-Presenter); 06/1998.
281. Does Lithium have detectable effects on platelet membrane phosphoinositides in bipolar disorder patients? workshop on "Novel Therapeutic Strategies in the Schizophrenia Spectrum and Bipolar Disorders", International Academy for Biomedical and Drug Research, Venice, IT (Poster Presentation, Co-Presenter); 05/1998.

282. Effects of lithium on platelet membrane phosphoinositides in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Toronto, CA (Oral Presentation); 05/1998.
283. Platelet membrane phospholipids in euthymic bipolar disorder patients: Are they affected by lithium treatment?, Lecture presented at the Central Neuropsychiatric Association Annual Meeting, Deerfield Beach, FL (Invited Lecture); 10/1997.
284. Stability of in vivo platelet membrane phospholipid measures in healthy human subjects, Society for Neurosciences Annual Meeting, New Orleans, LA (Oral Presentation); 10/1997.
285. Platelet membrane phosphoinositide measures in bipolar disorder patients, Second International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1997.
286. Platelet membrane phosphatidylinositol-4,5-bisphosphate relative volume measures in lithium-treated euthymic bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, San Diego, CA (Poster Presentation, Co-Presenter); 05/1997.
287. Platelet membrane phosphoinositides in bipolar disorder patients: Possible in vivo effects of lithium treatment, NCDEU Meeting, Boca Raton, FL (Poster Presentation, Co-Presenter); 05/1997.
288. Phosphoinositide membrane measures in platelets of bipolar disorder patients: Possible effects of lithium treatment, American Society of Clinical Psychopharmacology Annual Meeting, Barbados (Poster Presentation, Co-Presenter); 02/1997.
289. The lithium ion: a foundation for psychopharmacological specificity, XX Collegium Internationale Neuropsychopharmacologicum Congress, Melbourne, AS (Co-Presenter, Oral Presentation); 06/1996.
290. Influence of HIV serology in the treatment of drug dependents, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
291. Consultation-liaison psychiatry in cardiology: a seven year experience, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
292. Delirium in the post-operative period of cardiac surgery: prevalence, risk factors and treatment, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
293. Consultation-liaison psychiatry in cardiology: study of 101 cases, VIII Symposium on Integration between Internal Medicine and Psychiatry: Depressive Disorders, Ribeirao Preto, BR (Poster Presentation, Co-Presenter); 04/1992.
294. Outcome predictors in alcoholics: one year follow-up, 36th International Institute on the Prevention and Treatment of Alcoholism, Stockholm, SW (Poster Presentation, Co-Presenter); 06/1991.
295. Outcome predictors in alcoholics, 35th International Institute on the Prevention and Treatment of Alcoholism, Berlin, GM (Poster Presentation, Co-Presenter); 06/1990 .

296. Evaluation of the effectiveness of an outpatient treatment program for alcoholics: follow-up measures and identification of predictive factors, VIII University Congress of the University of São Paulo School of Medicine, São Paulo, BR (Co-Presenter, Oral Presentation); 05/1989.
297. Sources of biases in the utilization of standardized interviews for the follow-up of addicted patients, VIII Brazilian Congress on Alcoholism, São Paulo, BR (Poster Presentation, Co-Presenter); 04/1989.