

# Curriculum Vitae

Last Updated: 09/30/2010

## **PERSONAL DATA**

Name: William R. Marchand  
Birth Place: Clarksburg, WV  
Citizenship: United States

## **EDUCATION**

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
1979 - 1982	B.A.	Fairmont State College (Chemistry) Fairmont, WV
1982 - 1986	M.D.	West Virginia University (Medicine) Morgantown, WV
1986 - 1990	Resident	University of Utah (Psychiatry Residency) Salt Lake City, UT

## **BOARD CERTIFICATIONS**

06/01/1993            American Board of Psychiatry & Neurology, Current

## **CURRENT LICENSES/CERTIFICATIONS**

1987 - Present	State License (UT)
1987 - Present	Controlled Substance (UT)
1996 - Present	State License (FL)

## **ACADEMIC HISTORY**

### **Psychiatry (Adult Psychiatry)**

03/01/1993 - 07/01/1996	Hire, Clinical/Volunteer Track, Clinical Instructor
07/01/2003	Hire, Adjunct/Volunteer Track, Adjunct Assistant Professor
05/01/2004	Track Switch, Clinical/(Clinical) Track, Assistant Professor (Clinical)
10/01/2006	Track Switch, Tenure Track-Clinician Scholar, Assistant Professor

### **Psychology**

07/01/2008	Hire, Adjunct Track, Adjunct Assistant Professor
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## **PROFESSIONAL EXPERIENCE**

### **Full Time Positions**

1990 - 1992	Psychiatrist, US Air Force Hospital Mental Health Clinic, Hill AFB, UT
1992 - 1995	Psychiatrist, Private Practice, Salt Lake City and Layton, UT
1995 - 1996	Psychiatrist, United Behavioral Systems, Salt Lake City, UT
1996 - 1998	Psychiatrist, James A. Haley Veterans Hospital, Tampa, FL
1998 - 2000	Psychiatrist, Utah State Hospital, Provo, UT
2000 - 2003	Psychiatrist, Wasatch Mental Health, Provo, UT
2003 - 2005	Psychiatrist, Veteran's Administration Medical Center, Salt Lake City, UT
2005 - 2007	Acting Chief of Psychiatry, Veteran's Administration Medical Center, Salt Lake City, UT
2007 - 2009	Acting Associate Director and Investigator, Veteran's Administration Medical Center VISN 19 MIRECC, Salt Lake City, UT

2009 - Present      Investigator, Veteran's Administration Medical Center Research Service, Salt Lake City, UT

### **Part Time Positions**

1996 - 1998      Assistant Professor (Courtesy), University of South Florida, Department of Psychiatry and Behavioral Medicine, Tampa, FL  
1998 - 1999      Consultative Psychiatrist, Disability Determination Services, Salt Lake City, UT  
2005 - 2007      Investigator, Veteran's Administration Medical Center VISN 19 MIRECC, Salt Lake City, UT

### **Editorial Experience**

2008 - Present      Editorial Board for *Hospital Physician*

### **Reviewer Experience**

Reviewer for *Bipolar Disorders*  
Reviewer for *BMC Neuroscience*  
Reviewer for *BMC Psychiatry*  
Reviewer for *Brain Imaging and Behavior*  
Reviewer for *Cerebral Cortex*  
Reviewer for *European Journal of Neurology*  
Reviewer for *Expert Review of Neurotherapeutics*  
Reviewer for *Hospital Physician*  
Reviewer for *Hospital Physician Psychiatry Board Review Manual*  
Reviewer for *Journal of Affective Disorders*  
Reviewer for *Journal of Clinical Outcomes Management*  
Reviewer for *NeuroImage*  
Reviewer for *Progress in Neuro-Psychopharmacology & Biological Psychiatry*  
Reviewer for *Psychiatry Research: Neuroimaging*

### **SCHOLASTIC HONORS**

1997      Department of Veterans Affairs Commendation  
2000      Wasatch Mental Health Children and Family Services Award  
2001      Wasatch Mental Health "Extra Mile" Award  
2006 - Present      Career Development Institute for Bipolar Disorder  
2006      University of Utah Department of Psychiatry Excellence in Clinical Supervision  
2006      Department of Veterans Affairs Certificate of Appreciation  
2006      Department of Veterans Affairs Secretary's Hero Award  
2006      George E. Wahlen VAMC Director's Letter of Appreciation  
2006      Department of Veterans Affairs Special Contribution Award  
2009 - 2012      Department of Veterans Affairs Career Development Transition Award

### **ADMINISTRATIVE EXPERIENCE**

#### **Administrative Duties**

1988 - 1989      Assistant Chief Resident, University of Utah Department of Psychiatry  
1991 - 1992      Assistant Chief of Hill Air Force Base Mental Health Services  
1992 - 1993      Medical Director of Inpatient Chemical Dependency Recovery Program, University of Utah Neuropsychiatric Institute  
1992 - 1994      Medical Director of Outpatient Chemical Dependency Recovery Program, University of Utah Neuropsychiatric Institute  
1996 - 1997      Coordinator of Psychiatry Emergency Services, Intensive Treatment Program and Twenty-Three hour Admission Beds, James A. Haley Veterans Hospital  
2004 - 2005      Co-leader MHICM Team, Veteran's Administration Medical Center

2005	Chief Outpatient Mental Health Services, Veteran's Administration Medical Center
2005 - 2007	Acting Chief of Psychiatry, Veteran's Administration Medical Center
2007 - 2009	Acting Associate Director, Veteran's Administration Medical Center, VISN 19 MIRECC

#### **Grant Review Committee/Study Section**

2007	Canada Foundation for Innovation, Research Hospital Fund Large-Scale Institutional Endeavours Competition, Reviewer for Theme #1, "Transforming Care in Mood Disorders."
2007	Western Institute for Biomedical Research, Reviewer
2008	Congressionally Directed Medical Research Program 2008 Deployment Related Medical Research Program, Reviewer for Advanced Technology-Therapeutic Development Award, Psychological Health and Traumatic Brain Injury

#### **PROFESSIONAL COMMUNITY ACTIVITIES**

1991 - Present	Speaker, General Public Agency, Multiple presentations about psychiatric disorders
2003 - 2004	Speaker, National Alliance on Mental Illness

#### **UNIVERSITY COMMUNITY ACTIVITIES**

##### **Department Level**

1986 - 1990	Resident Member, Psychiatry, Residency Training Committee
2004 - Present	Interviewer, Psychiatry, Residency Candidates
2005 - Present	Mentor, Psychiatry, New faculty located at George E Wahlen VAMC
2005 - 2006	Coordinator, Psychiatry, VA site, psychiatry residency program
2005 - 2009	Active Member, Psychiatry, Executive Faculty Committee
2005 - 2006	Active Member, Psychiatry, Residency Training Committee
2007 - Present	Applicant Interviewer, Neurology, Interview applicants for faculty positions
2007 - Present	Applicant Interviewer, Psychology, Interview applicants for faculty positions
2007 - Present	Applicant Interviewer, Psychiatry, Interview applicants for faculty positions
2008 - Present	Coordinator, Psychiatry, Department Faculty Awards

##### **Programs, Centers & Institutes**

2004 - Present	Faculty, Undergraduate Research Opportunities Program
2005 - Present	Faculty Member, Utah Brain Institute

#### **SERVICE AT AFFILIATED INSTITUTIONS**

2004 - 2005	Active Member, Veterans Administration Medical Center, Hospital Medication Management Committee
2005	Chief, Veterans Administration Medical Center, Outpatient Mental Health Services
2005 - 2009	Active Member, Veterans Administration Medical Center, Research and Development Committee
2005 - 2009	Active Member, Veterans Administration Medical Center, Clinical Executive Board
2005 - Present	Interviewer, Veterans Administration Medical Center, Interview applicants for staff and leadership positions
2005 - 2009	Secretary, Veterans Administration Medical Center, Physician Professional Standards Board
2005 - 2007	Acting Chief, Veterans Administration Medical Center, Psychiatry Service
2005 - 2007	Active Member, Veterans Administration Medical Center, Mental Health Services Operations Council
2005 - 2007	Active Member, Veterans Administration Medical Center, Leadership Professional Advisory Board

2007 - 2009	Acting Associate Director, Veterans Administration Medical Center, VISN 19 MIRECC
2008	Active Member, Veterans Administration Medical Center, Suicide Review Committee
2008 - Present	Chair, Veterans Administration Medical Center, Suicide Prevention Oversight Committee
2009 - Present	Clinical Coordinator, Veterans Administration Medical Center, Suicide Prevention Consultation Service
2009 - Present	Chair-Elect/Chair/Past-Chair, Veterans Administration Medical Center, Research and Development Committee

### **SERVICE AT PREVIOUS INSTITUTIONS**

1982 - 1986	Member, West Virginia University School of Medicine, Student Well-being Committee
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### **CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

American Psychiatric Association  
 International Brain Research Organization  
 International Society for Affective Disorders  
 International Society for Bipolar Disorders  
 Organization for Human Brain Mapping  
 Schizophrenia International Research Society  
 Society for Neuroscience  
 Society of Biological Psychiatry  
 Utah Psychiatric Association

### **FUNDING**

#### **Active Grants**

01/01/06 - 01/01/10	Functional MRI of Brain Frontal-Subcortical Circuits in Bipolar Depression Western Institute for Biomedical Research Role: <u>Principal Investigator</u>
04/01/09 - 03/31/12	Differentiation of bipolar and unipolar depression using fMRI Veterans Affairs Merit Review Role: <u>Principal Investigator</u>
07/01/09 - 06/30/12	Career Development Transition Award Department of Veterans Affairs Role: <u>Principal Investigator</u>

#### **Past Grants**

10/01/04 - 10/01/09	Suicide and Suicidality in Veterans VISN 19 MIRECC Role: <u>Co-Investigator</u>
07/01/05 - 07/01/07	Longitudinal Function Magnetic Resonance Imaging of the Brain in Bipolar Disorder (noncompetitive grant) VISN 19 MIRECC Role: <u>Principal Investigator</u>
07/01/06 - 12/31/07	Functional MRI and Diffusion Tensor Imaging of Brain Frontal-Subcortical Circuits in Panic Disorder University of Utah Synergy Research Grant Role: <u>Principal Investigator</u>

08/01/08 - 07/31/09 Frontal-Subcortical Brain Circuit Function, Connectivity, and Structure in Normal Aging: Implications for Functional Independence and Neurological Disorders  
University of Utah Research Foundation Seed Grant  
Role: Principal Investigator

## **TEACHING RESPONSIBILITIES/ASSIGNMENTS**

### **Course Lectures**

2005 Instructor, PSYCT 6010(1): Psychiatry 6010 - Mood Disorders 1, University of Utah, Psychiatry  
2005 Instructor, PSYCT 6010(1): Psychiatry 6010 - Mood Disorders 2, University of Utah, Psychiatry

### **Clinical Teaching**

1996 - 1998 Clinical supervisor for psychiatric residents, Department of Psychiatry and Behavioral Medicine, University of South Florida  
2003 - 2006 Clinical supervisor for psychiatry residents

### **Small Group Teaching**

2007 - Present Co-leader of Psychiatry Residency Program Research Seminar

### **Trainee Supervision**

#### **Resident**

2003 - Present Research Supervisor, University of Utah. Psychiatry resident research requirement  
2004 - Present Supervisor, University of Utah. Mock board examiner for psychiatry residents

### **Graduate Student Committees**

2006 - 2007 Member, Valentina Dilda, University of Utah, PhD/Doctorate Committee. Dissertation Committee, Department of Psychology. The Role of the Cerebellum in Motor Imagery Tasks Involving Tools.  
2006 - 2008 Member, John Churchwell, University of Utah, PhD/Doctorate Committee. Dissertation Committee, Department of Psychology. Interactions among the Prefrontal Cortex, Hippocampus and Amygdala in Fear Conditioning: Approaching Emotional Disorders.

### **Educational Lectures**

#### **Didactic Lectures**

2000 - 2003 Lecture series on psychopharmacology for psychology interns at Wasatch Mental Health  
2005 - 2006 Evaluation and treatment of bipolar disorders. Lecture series for third year medical students  
2005 - 2006 Evaluation and treatment of PTSD. Lecture series for third year medical students  
2008 Suicide prevention training for VAMC surgery staff  
2010 Research design. Lecture for psychiatry residents.

## **PEER-REVIEWED JOURNAL ARTICLES**

1. **Marchand WR**, Palmer CA, Gutmann L, et al. (1986). Medical Students' Perceptions of having Symptoms of Impairment and of the Need to Seek Counseling. *J Med Educ*, 61, 744.
2. **Marchand WR**. (1988). The effect of an educational program on the desire for treatment among impaired medical students. *J Nerv Ment Dis*, 176(6), 372-3.
3. Francis E, **Marchand WR**, Hart M, et al. (2000). Utilization and Outcome in an Overnight Psychiatric Observation Program at a Veterans Affairs Medical Center. *Psychiatr Serv*, 51, 92-5.
4. **Marchand WR**, Wirth L, Simon C. (2004). Quetiapine adjunctive and monotherapy for pediatric bipolar disorder: a retrospective chart review. *J Child Adolesc Psychopharmacol*, 14(3), 405-11.

5. **Marchand WR**, Wirth L, Simon C. (2005). Adverse life events and pediatric bipolar disorder in a community mental health setting. *Community Ment Health J*, 41(1), 67-75.
6. **Marchand WR**, Clark CC, Wirth L, Simon C. (2005). Validity of the Parent Young Mania Rating Scale in a Community Mental Health Setting. *Psychiatry*, (March), 31-5.
7. **Marchand WR**, Wirth L, Simon C. (2006). Delayed diagnosis of pediatric bipolar disorder in a community mental health setting. *Journal of Psychiatric Practice*, 12(2), 128-33.
8. Thatcher JW, **Marchand WR**, Thatcher GW, Jacobs A, Jensen C. (2007). Clinical characteristics and health service use of veterans with comorbid bipolar disorder and PTSD. *Psychiatr Serv*, 58(5), 703-7.
9. **Marchand WR**, Lee JN, Thatcher GW, Jensen C, Stewart D, Dilda V, Thatcher J, Creem-Regehr SH. (2007). A functional MRI study of a paced motor activation task to evaluate frontal-subcortical circuit function in bipolar depression. *Psychiatry Res*, 155(3), 221-30.
10. **Marchand WR**, Lee JN, Thatcher J, Thatcher GW, Jensen C, Starr J. (2007). A preliminary longitudinal fMRI study of frontal-subcortical circuits in bipolar disorder using a paced motor activation paradigm. *J Affect Disord*, 103(1-3), 237-41.
11. **Marchand WR**, Lee JN, Thatcher JW, Thatcher GW, Jensen C, Starr J. (2007). Motor deactivation in the human cortex and basal ganglia. *Neuroimage*, 38(3), 538-48.
12. **Marchand WR**, Lee JN, Thatcher J, Thatcher GW, Jensen C, Starr J. (2007). An fMRI study of frontal-subcortical skeletomotor circuit and dorsolateral prefrontal cortex function using a paced motor activation paradigm. *Brain Imaging and Behavior*, 1, 58-67.
13. **Marchand WR**, Lee JN, Thatcher JW, Hsu EW, Rashkin E, Suchy Y, Chelune G, Starr J, Barbera SS. (2008). Putamen coactivation during motor task execution. *Neuroreport*, 19(9), 957-60.
14. **Marchand WR**, Lee JN, Healy L, Thatcher JW, Rashkin E, Starr J, Hsu EW. (2009). An fMRI motor activation paradigm demonstrates abnormalities of putamen activation in females with panic disorder. *J Affect Disord*, 116, 121-125.
15. **Marchand WR**, Lee JN, Healy L, Thatcher JW, Rashkin E, Starr J, Hsu E. (2009). An fMRI motor activation paradigm demonstrates abnormalities of putamen activation in females with panic disorder. *J Affect Disord*, 116(1-2), 121-5.
16. Lee JN, Hsu EW, Rashkin E, Thatcher JW, Kreitschitz S, Gale P, Healy L, **Marchand WR**. (2010). Reliability of fMRI motor tasks in structures of the corticostriatal circuitry: implications for future studies and circuit function. *Neuroimage*, 49, 1282-1288.
17. Lee JN, Hsu EW, Rashkin E, Thatcher JW, Kreitschitz S, Gale P, Healy L, **Marchand WR**. (2010). Reliability of fMRI motor tasks in structures of the corticostriatal circuitry: implications for future studies and circuit function. *Neuroimage*, 49(2), 1282-8.

## **REVIEW ARTICLES**

1. **Marchand WR**, Palmer CA, Gutmann L, Brogan WC 3rd. (1985). Medical student impairment: a review of the literature. [Review]. *W V Med J*, 81(11), 244-8.
2. **Marchand WR**. (2003). Recognizing and Treating Bipolar Disorder. [Review]. *Hosp Physician*, 39, 21-30.
3. **Marchand WR**. (2004). Evaluation and Treatment of Mood Disorders in Primary Care: Self-Assessment Questions. [Review]. *Hosp Physician*, 40, 31-2.
4. **Marchand WR**. (2004). Evaluation and Treatment of Psychosis: Review Questions. [Review]. *Hosp Physician*, 40, 22-3.
5. **Marchand WR**. (2005). Evaluation and Treatment of Generalized Anxiety Disorder: Review Questions. [Review]. *Hosp Physician*, 41, 27-28.
6. **Marchand WR**. (2005). Evaluation and Treatment of Obsessive-Compulsive Disorder: Review Questions. [Review]. *Hosp Physician*, 41, 27-8.
7. **Marchand WR**, Dilda, V. (2005). Neurobiology of Mood Disorders. [Review]. *Hosp Physician*, 41, 17-26.

8. **Marchand WR.** (2005). Evaluation and Treatment of Generalized Anxiety Disorder: Review Questions. [Review]. *Hosp Physician*, 41, 27-28.
9. **Marchand WR,** Bennett PJ, Dilda V. (2005). Evidence for Frontal-Subcortical Circuit Abnormalities in Bipolar Affective Disorder. [Review]. *Psychiatry*, (April), 26-33.
10. **Marchand WR.** (2006). Evaluation and Treatment of Social Phobia: Review Questions. [Review]. *Hosp Physician*, 42, 41-42.
11. **Marchand WR.** (2006). Suicidality: Review Questions. [Review]. *Hosp Physician*, 42, 31-32.
12. **Marchand WR,** Dilda V. (2006). New models of frontal-subcortical skeletomotor circuit pathology in tardive dyskinesia. [Review]. *Neuroscientist*, 12(3), 186-98.
13. Thatcher JW, **Marchand WR.** (2007). Tic Disorders in Children: Review Questions. [Review]. *Hosp Physician*, 43, 25-27.
14. **Marchand WR.** (2007). Panic Disorder: Review Questions. [Review]. *Hosp Physician*, 43, 44-46.
15. **Marchand WR.** (2008). Mood Disorders: Neurobiology, Evaluation and Treatment. [Review]. *Hosp Physician*, 12, 2-16.
16. **Marchand WR.** (2008). Psychiatric Symptoms Associated with Parkinson's Disease: Review Questions. [Review]. *Hosp Physician*, 44(1), 22-24.
17. **Marchand WR,** Thatcher JW. (2008). Psychopharmacologic Management of Depression in Pregnant Women and Breastfeeding Mothers. [Review]. *Hosp Physician*, 44, 8-16.
18. **Marchand WR,** Thatcher JW. (2008). Psychiatric Symptoms of Basal Ganglia Disorders: Evaluation and Management. [Review]. *Hosp Physician*, 12(2), 2-16.
19. **Marchand WR.** (2009). Attention-Deficit/Hyperactivity Disorder: Review Questions. [Review]. *Hosp Physician*, 45, 32-34.

#### **OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film)**

##### **Newspaper**

1. **Marchand WR.** (1989). Physicians Must Be Aware of Attitudes Toward Addiction. *The Psychiatric Times*.
2. **Marchand WR.** (1990). Problems resolved with some honest communications. *The Salt Lake Tribune*.
3. **Marchand WR.** (1990). MD struggles to believe in psychotherapy. *American Medical News*.
4. **Marchand WR.** (1990). Can Conflict with Supervisors Be Prevented? *The Psychiatric Times*.
5. **Marchand WR.** (1990). Feeling Stressed? Reach out to others - you're not a burden. *Air Force Times*.
6. **Marchand WR.** (1990). You can put the merry back into Christmas by getting rid of the stress. *Ogden Standard-Examiner*.
7. **Marchand WR.** (1991). Easing wartime stress at home. *Hilltop Times*.
8. **Marchand WR.** (1991). Silver Linings: Forecast Optimistic For Kids. *Hilltop Times*.
9. **Marchand WR.** (1991). Depression. *Ogden Standard-Examiner*.
10. **Marchand WR.** (1991). Oh So Shy: Severe cases of shyness - called social phobia - can become debilitating. *Ogden Standard-Examiner*.
11. **Marchand WR.** (1991). Anxiety. *Ogden Standard-Examiner*.
12. **Marchand WR.** (1991). Got the day-after Christmas blues? These tips will help you feel better. *Ogden Standard-Examiner*.
13. **Marchand WR.** (1992). Relax. You can beat stress, depression. *Hilltop Times*.
14. **Marchand WR.** (1992). Communication. *Ogden Standard-Examiner*.
15. **Marchand WR.** (1992). Patients say doctors don't communicate. *Ogden Standard-Examiner*.

##### **Other**

1. **Marchand WR.** (1991). How Mood Affects Weight. *Weight Watchers Magazine*.
2. **Marchand WR.** (1992). Keeping the Lines Open. How to speak to your doctor - and get her to speak back! *Weight Watchers Magazine*.

### **Video/Film/CD/Web/Podcast**

1. Marchand, WR. (5/2010). Psychiatry Board Review Application [Web]. Physician Board Review. Available: <http://www.physicianboardreview.com/>.

### **PENDING PUBLICATIONS**

#### **Journal Articles**

1. **Marchand WR.** (In Press). Cortico-Basal Ganglia Circuitry: A Review of Key Research and Implications for Functional Connectivity Studies of Mood and Anxiety Disorders. *Brain Structure and Function*.
2. **Marchand WR,** Yurgelun-Todd, D. (In Press). Striatal Structure and Function in Mood Disorders: A Comprehensive Review. *Bipolar Disord*.

#### **Book Chapters**

1. **Marchand WR,** Yurgelun-Todd DA. (in press). Functional Neuroimaging in Bipolar Disorder. In Shenton M; Turetsky B; (Ed.), *Neuropsychiatric Imaging*. New York: Cambridge University Press.
2. Marchand, WR. (In Press). The neurocircuitry of fear and pleasure: Implications for the neurobiology of anxiety and affective disorders. In Columbus, F (Eds.), *Affective Disorders: Causes, Diagnoses and Treatments*. Hauppauge, NY: Nova Science Publishers, Inc.

### **RECENTLY PUBLISHED ABSTRACTS (Last 3 Years)**

1. **Marchand WR,** Lee JN, Thatcher JW, Thatcher GW, Jensen C, Starr J. (2007). A functional MRI study of a paced motor activation task to evaluate frontal-subcortical circuit function in bipolar depression [Abstract]. *Bipolar Disorders*, 9 (supplement 1), 74.
2. **Marchand WR,** Lee JN, Thatcher JW, Thatcher GW, Jensen C, Starr J. (2007). A longitudinal functional magnetic resonance imaging study of frontal-subcortical circuits in bipolar disorder using a paced motor activation paradigm [Abstract]. *Bipolar Disorders*, 9 (supplement 1), 74-75.
3. **Marchand WR,** Lee JN, Thatcher JW, Hsu EW, Rashkin E, Suchy Y, Chelune G, Starr J, Barbera SS. (2008). Putamen Activation and Connectivity during Task Execution Suggests a Mechanism for the Etiology of Motor Symptoms in Psychiatric Disorders [Abstract]. *Biological Psychiatry*, 63 (supplement 1), 75S.
4. Shi Y, Joshi S, Lee JN, **Marchand WR,** Rashkin E, Hsu Ew. (2008). Reproducibility of Fractional Anisotropy and Mean Diffusivity in Diffusion Tensor Imaging at 3.0 T [Abstract]. *Proc Intl Soc Mag Reson Med*, 16, 341.

### **UNPUBLISHED POSTER PRESENTATIONS**

1. Hart MP, **Marchand WR,** Francis EM, et al. (1997). *Outcomes and Utilization of an Overnight Psychiatric Observation Program*. Poster session presented at American Psychiatric Association 49th Institute on Psychiatric Services, Orlando.
2. **Marchand WR,** Wirth L, Simon C. (2003). *History of Trauma in a Community Sample of Pediatric Bipolar Patients*. Poster session presented at Fifth International Conference on Bipolar Disorder, Pittsburgh.
3. **Marchand WR,** Lee JN, Thatcher JW, Thatcher GW, Starr J. (2007). *Functional connectivity of the default mode brain network with cortical motor, basal ganglia and cerebellar regions*. Poster session presented at Neuroscience 2007, San Diego.
4. **Marchand WR,** Lee JN, Thatcher JW, Healy L, Hsu EW, Rashkin E, Starr J. (2008). *Bilateral putamen connectivity during human motor task execution*. Poster session presented at 41st Annual Winter Conference on Brain Research, Snowbird.
5. **Marchand WR,** Lee JN, Thatcher JW, Hsu EW, Rashkin E, Suchy Y, Chelune G, Starr J, Barbera SS. (2008). *Putamen functional connectivity demonstrates a mechanism for the integration of motor and cognitive symptoms as well as cerebellar-basal ganglia communication*. Poster session presented



- at Human Brain Mapping 2008, Melbourne.
6. Romesser J, **Marchand WR**, Roberts T, Allen S, Kircher J. (2008). *Co-morbid mild traumatic brain injury and post traumatic stress disorder: A retrospective chart review*. Poster session presented at VA Polytrauma Conference 2008, San Diego.

## **ORAL PRESENTATIONS**

### **Meeting Presentations (Not Published Abstracts and Not Unpublished Posters)**

#### **International**

- 2004 Stimulant Treatment of Comorbid ADHD and Pediatric Bipolar Disorder in a Community Sample. Second Biennial Conference of The International Society for Affective Disorders. Cancun, Mexico
- 2004 Quetiapine Treatment for Pediatric Bipolar Disorder: A Retrospective Chart Review. Second Biennial Conference of The International Society for Affective Disorders. Cancun, Mexico
- 2004 Delayed Diagnosis of Pediatric Bipolar Disorder in a Community Sample. Second Biennial Conference of The International Society for Affective Disorders. Cancun, Mexico
- 2008 fMRI motor activation paradigms demonstrate abnormalities of corticostriatal circuitry in panic disorder. Neuroscience 2008. Washington, DC

#### **Local/Regional**

- 1986 Medical Students' Perceptions of Having Symptoms of Impairment and the Need to Seek Counseling. West Virginia University School of Medicine Van Lier Memorial Research Convocation
- 1994 Update on OCD. Utah State Mental Health Conference
- 2001 Update on the Treatment of PTSD. Wasatch Mental Health Center Conference
- 2001 Ethics and Research Issues in Pediatric Psychopharmacology. Wasatch Mental Health Center Conference
- 2002 Zen and the Art of Mental Health Worker Maintenance. Wasatch Mental Health Center Conference
- 2003 Pediatric Bipolar Disorder: A Treatment and Research Update. Utah State Mental Health Conference
- 2003 Pediatric Bipolar Disorder: A Treatment and Research Update. Utah State Mental Health Conference
- 2008 The Neurobiology of Pediatric Bipolar Disorder: Insights from Structural and Functional Neuroimaging Studies. 22nd Annual Biologic Basis of Pediatric Practice Symposium, Deer Valley, Utah
- 2009 Functional Magnetic Resonance Imaging Studies of Normal Brain Function and Psychiatric Disorders. VA Research Week 2009, Salt Lake City, Utah
- 2009 Suicidal Behaviors in Older Adults – Evaluation and Management. Managing Difficult Behaviors in the Older Adult Conference, Salt Lake City, Utah
- 2010 Feelings: The neurocircuitry of emotion. VA Research Week 2010, Salt Lake City, Utah

### **Invited/Visiting Professor Presentations**

#### **Local/Regional**

- 2004 Frontal-subcortical circuit abnormalities in bipolar disorder. University of Utah Functional Neuroimaging Core Group Symposium
- 2005 Functional MRI in bipolar depression. University of Utah Center for Advanced Imaging Research Symposium
- 2007 Functional MRI of basal ganglia circuits. The Brain Institute at The University of

Utah November Neuroimaging at Utah Symposium

**Grand Rounds Presentations**

- 1997 Update on PTSD. University of South Florida Department of Psychiatry and Behavioral Medicine Grand Rounds
- 1998 Update on PTSD. Utah State Hospital Grand Rounds
- 2005 Frontal-subcortical circuit abnormalities in bipolar disorder. University of Utah Department of Psychiatry Grand Rounds
- 2008 Assessment of suicidality in the elderly. University of Utah Geriatrics Grand Rounds
- 2010 The Neuroscience of Emotion and Emotional Disorders: What we think we know, what we know we don't know and what we really need to know. University of Utah Department of Psychiatry Grand Rounds

**Outreach Presentations**

- 1991 - 1992 Question & Answer Columnist, Standard-Examiner, "Ask the psychiatrist," a biweekly psychiatric question and answer column