

Curriculum Vitae

Jennifer Urbano Blackford, Ph.D.

Vanderbilt University School of Medicine
Department of Psychiatry
1601 23rd Avenue South, Suite 3057J
Nashville, TN 37212
Phone: 615.343.0715

Date of Birth: December 4, 1969

Place of Birth: Seattle, WA

EDUCATION

Undergraduate

Florida State University, Tallahassee, FL 1987-1990
Bachelor of Science
Major: Psychology
Honors: Summa Cum Laude with Honors
Honors Thesis: A short-term behavioral procedure for the measurement of sweet taste in the rat (advisor: James Smith, PhD)

Graduate

Vanderbilt University, Nashville, TN 1991-1994
Master of Science
Major: Developmental Psychology
Masters Thesis: The relation between temperament and social referencing in infancy (advisor: Tedra Walden, PhD), supported by a NICHD Predoctoral Fellowship

Vanderbilt University, Nashville, TN 1994-1998
Doctor of Philosophy
Major: Developmental Psychology
Minors: Quantitative Psychology and Mental Retardation
Dissertation: Temperamental fear, initial reaction, and regulation in a social referencing situation (advisor: Tedra Walden, PhD)

ACADEMIC APPOINTMENTS

Academic Positions

Associate in Psychiatry 1999-2003
Department of Psychiatry, Vanderbilt University Medical Center, Nashville, TN

Assistant Professor (non tenure track) 2003-2006
Department of Psychiatry, Vanderbilt University Medical Center, Nashville, TN

Assistant Professor (tenure track) 2006-2013
Department of Psychiatry, Vanderbilt University Medical Center, Nashville, TN

<i>Training Faculty</i> Neuroscience Graduate Program, Vanderbilt University, Nashville, TN	2009-present
<i>Assistant Professor</i> Department of Psychology, Vanderbilt University	2010-present
<i>Assistant Professor (basic science educator track)</i> Department of Psychiatry, Vanderbilt University Medical Center, Nashville, TN	2013-present

EMPLOYMENT

<i>Director of Research</i> Office of Health Statistics and Research, Tennessee Department of Health. Mental Health and Developmental Disabilities, Nashville, TN	1998-1999
<i>Director of Informatics</i> Vanderbilt Community Mental Health Center, Vanderbilt University Medical Center, Nashville, TN	1999-2006
<i>Statistical Consultant</i> John F. Kennedy Center for Research on Human Development, Vanderbilt University.	2000- 2008
<i>Statistical Consultant</i> Center for Professional and Patient Advocacy, Vanderbilt University Medical Center, Vanderbilt University Medical Center, Nashville, TN	2001-2006
<i>Quantitative Training Coordinator</i> John F. Kennedy Center for Research on Human Development, Vanderbilt University, Nashville, TN	2005-2008
<i>Assistant Director</i> Vanderbilt Community Mental Health Center, Vanderbilt University Medical Center, Nashville, TN	2006-2007

PROFESSIONAL ACTIVITIES

Intramural

<i>Outpatient Committee</i> Department of Psychiatry, Vanderbilt University Medical Center	2002-2006
<i>Electronic Medical Records Committee, Chair</i> Department of Psychiatry, Vanderbilt University Medical Center	2002-2003
<i>Medical Records Committee</i> Vanderbilt University Medical Center	2003-2008
<i>Clinical Governance Committee</i> Department of Psychiatry, Vanderbilt University Medical Center	2006-2007

<i>Women on Track, Steering Committee</i> Vice-chair (2012-present) Vanderbilt University Medical Center	2008-present
<i>Psychology Advisory Committee, Chair</i> Department of Psychiatry, Vanderbilt University Medical Center	2010-present
<i>Search Committee, Child and Adolescent Psychiatry Division Director</i> Department of Psychiatry, Vanderbilt University Medical Center	2010-2011
<i>Science Day Planning Committee, Systems Neuroscience Theme Chair</i> Vanderbilt Kennedy Center, Vanderbilt University	2010-2011
<i>Hobbs Discovery Grant Review Committee</i> Vanderbilt Kennedy Center, Vanderbilt University	2011
<i>Leadership Council</i> Department of Psychiatry, Vanderbilt University Medical Center	2011-present
<i>Kennedy Center Science Day, Planning Committee, Chair</i> Vanderbilt Kennedy Center, Vanderbilt University	2013

Extramural

<i>Society of Biological Psychiatry Annual Meeting, Symposium Chair</i> Neural substrates of development risk for psychiatric disorders: Research Methods. Vancouver, Canada.	2009
<i>Society of Biological Psychiatry, Meeting Planning Committee</i>	2011-present
<i>Society of Biological Psychiatry Annual Meeting, Symposium Chair</i> Anxiety Disorders: The Final Frontier in Psychiatric Genetics Philadelphia, PA	2012
<i>American College of Neuropsychopharmacology Annual Meeting, Symposium Co-Chair</i> Anxiety Disorders: New Evidence for Structural and Functional Connectivity Abnormalities, Hollywood, FL	2012
<i>Anxiety and Depression Association of America Annual Meeting, Symposium Chair</i> Developmental Risk for Anxiety: Recent Findings from Genetic and Neuroimaging Studies, La Jolla, CA.	2013
<i>Society of Biological Psychiatry Annual Meeting, Symposium Chair</i> Anxiety Neurocircuitry: Beyond the Amygdala, San Francisco, CA	2013

Editorial Roles

<i>Child and Adolescent Psychiatric Clinics of North America, Guest Co-Editor</i> Issue on Childhood Anxiety Disorders	2012
<i>Editorial Board, Journal of Psychology and Therapeutics</i>	2013-present

Ad Hoc Manuscript Reviewer

American Journal on Intellectual and Developmental Disabilities, Archives of General Psychiatry, Behavioural Processes, Biological Psychiatry, Brain Topography, Cerebral Cortex, Depression and Anxiety, Developmental Cognitive Neuroscience, Experimental Brain Research, European Archives of Psychiatry and Clinical Neuroscience, Human Brain Mapping, International Review of Research in Mental Retardation, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Anxiety Disorders, Journal of Child Psychology and Psychiatry, Journal of Developmental and Behavioral Pediatrics, Journal of Experimental Psychology: General, Journal of Psychiatry and Neuroscience, Neuroimage, Neuropsychopharmacology, Proceedings of the National Academy of Sciences, Psychiatry Research: Neuroimaging, Psychological Medicine, Psychoneuroendocrinology

Grant Reviewer

National Institutes of Health (Scientific Review, NIH Director's Early Independence Award [DP5]) 2013

Special Awards or Recognition

Psi Chi National Honor Society in Psychology	1988
Student of the Year, Sophomore Woman, Florida State University	1989
Phi Kappa Phi National Honor Society	1989
Omicron Delta Kappa National Leadership Honor Society	1989
Mortar Board National College Senior Honor Society	1990
Phi Beta Kappa (Junior Year)	1990
BS, Summa Cum Laude, with honors	1990
NICHHD Predoctoral Fellowship in Mental Retardation	1991-1995
Julius Seeman Award (presented by the faculty to the student who best exemplifies the ideals of scholastic, personal, and professional achievement). Department of Psychology and Human Development, Vanderbilt University	1994, 1996
Dissertation Enhancement Award, Vanderbilt University	1997
Innovation Award, John F. Kennedy Center for Research on Human Development	2001
Vanderbilt Kennedy Center Member	2001
NIMH Mentored Scientist Career Development Award	2008
Vanderbilt Newman Society Member	2008
Association of American Medical Colleges Early Career Women Faculty Professional Development program (selective admission)	2011
Top Poster Award finalist, Society of Biological Psychiatry	2011
Delegate Invitation and Full Scholarship, TEDMED conference	2012
Douglas Powers Career Development Travel Award, Division of Child and Adolescent Psychiatry, Department of Psychiatry, Vanderbilt University	2012

TEACHING ACTIVITIES

Medical School

Medical School Courses

Course	Title	Students	Year(s)
Journal Club Psychiatry Residents	Course Co-facilitator	10-15 psychiatry residents 1 hr/week Vanderbilt School of Medicine	2004- 2005
Journal Club Psychiatry Residents and Child Psychiatry Fellows	Course Director *developed course	15-20 residents/fellows 1 hr/month Vanderbilt School of Medicine	2006- 2010
PGY-1 Biomedical Curriculum	Course Director	9 1 st year psychiatry residents 1 hr/wk Vanderbilt School of Medicine	2013- present
Case-Based Learning Seminars Psychiatry Residents	Course Director *developed course	25 2 nd -4 th year psychiatry residents 9 x/year Vanderbilt School of Medicine	2013- present

Medical School Lectures

Course	Title	Students	Year(s)
Brain and Behavior	Neuroscience of Temperament and Personality	100 2 nd year medical students 1 hr lecture Vanderbilt School of Medicine	2006
Psychiatry Residents	Personality and Affective Neuroscience	15 psychiatry residents 2 hour lecture Vanderbilt School of Medicine	2007
Psychiatric Neuroimaging Program	Inhibited Temperament Study: Neuroimaging Findings	10 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2007
Psychiatric Neuroimaging Program	How To Critically Review a Research Article	10 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2007
Psychiatric Neuroimaging Program	Introduction to Statistics	10 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2007
Child Psychiatry Fellows	Research and Statistics Methods	7 child psychiatry fellows 1 hr lecture Vanderbilt School of Medicine	2008

Medical School Lectures

Course	Title	Students	Year(s)
Child Psychiatry Fellows	Evidence-based Practices	7 child psychiatry fellows 1 hr lecture Vanderbilt School of Medicine	2008
Child Psychiatry Fellows	Epidemiology of Psychiatric Disease	7 child psychiatry fellows 1 hr lecture Vanderbilt School of Medicine	2008
Psychiatric Neuroimaging Program	Event-related Design Analysis	15 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2008
Psychiatric Neuroimaging Program	Graphic Display of Data	15 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2008
Psychiatric Neuroimaging Program	Novelty Detectors: Temperamental Differences in Response to Nonsocial Novelty	15 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2008
Psychiatric Neuroimaging Program	Genetics of Inhibited Temperament and Amygdala Function	15 trainees/faculty 1 hr lecture Vanderbilt School of Medicine	2008
Medical School	Brain and Behavior Course: Psychological Development	100 2 nd year medical students 1 hr lecture Vanderbilt School of Medicine	2009-2013
Medical School	Brain and Behavior Course: Temperament and Personality	100 2 nd year medical students 1 hr lecture Vanderbilt School of Medicine	2009-2013
Child Psychiatry Fellows Journal Club	Basic Statistics	7 child psychiatry fellows 1 hr lecture Vanderbilt School of Medicine	2010-2013
Medical School	Mental Health Intersession: Neuroscience of Emotions	100 1 st year medical students 1 hr lecture Vanderbilt School of Medicine	2010
Psychiatry Residents	Introduction to Imaging	8 2 nd year psychiatry residents 1 hr lecture Vanderbilt School of Medicine	2012-2013
Psychiatry Residents	Personality Disorders: Traits and States	8 3 rd year psychiatry residents 1 hr lecture Vanderbilt School of Medicine	2012-2013
Psychiatry Residents	Pathophysiology of Social Phobia	5 4 th year psychiatry residents 1 hr lecture Vanderbilt School of Medicine	2012-2013

Medical School Lectures

Course	Title	Students	Year(s)
Psychiatry Residents	Introduction to Cognitive Neuroscience	8 2 nd year psychiatry residents 1 hr lecture Vanderbilt School of Medicine	2013
Medical School	Facilitator for Brain & Behavior anatomy lab	10 2 nd year medical students 6 2-hr laboratory classes Vanderbilt School of Medicine	2013

Undergraduate and Graduate Teaching

Undergraduate and Graduate Courses

Course	Title	Students	Year(s)
Multivariate Statistics	Supervised graduate laboratory course	10 graduate students 1 hr/wk Vanderbilt University	1995
Developmental Psychology	Developed and taught course	30 undergraduate students 3 hrs/wk Vanderbilt University	1996
Introduction to Statistical Analyses	Taught course	30 undergraduate students 3 hrs/wk Vanderbilt University	1997
Developmental Data Analyses	Developed and taught course	10 graduate students 12 hrs Claremont College,	1997

Undergraduate and Graduate Lectures

Course	Title	Students	Year(s)
Developmental Disabilities seminar	Hierarchical linear modeling	12 graduate students 2 hr lecture Vanderbilt University	2002
Developmental Disabilities seminar	Propensity scores	8 graduate students 1 hr lecture Vanderbilt University	2006
Developmental Disabilities seminar	Career paths in academic medicine	12 graduate students 2 hrs Vanderbilt University	2008
Neurobiology of Disease (NURO 366)	Neuroimaging of psychiatric disease	15 graduate students 1 hr lecture Vanderbilt University	2008

Undergraduate and Graduate Lectures

Course	Title	Students	Year(s)
Neurobiology of Disease (NURO 366)	Neuroimaging of depression	15 graduate students 1 hr lecture Vanderbilt University	2010, 2012

Continuing Education

Course	Title	Students	Year(s)
Statistics and Methodology Series	Developed and Organized Seminar Series	20-40 students/faculty per seminar 8-10 seminars per year Vanderbilt Kennedy Center	2005- 2008
Analysis of Complex Data	Organized conference	30 participants 2 day conference Vanderbilt Kennedy Center	2006
A Graphics Short Course	Organized course	30 participants 2 day course Vanderbilt Kennedy Center	2007
Introduction to Functional Magnetic Resonance Imaging (fMRI)	Organized course	35 participants 3 day course	2007

Research Mentorship

Trainee Name	Projects, Awards and Current Positions	Years
Jacqueline A. Clauss	<p>MD/PhD Student</p> <p>Emphasis Project: The Role of Expectancy on Response to Fear Faces in Inhibited Temperament</p> <p>Medical Scholars Project: Anticipation of Social Stimuli in Inhibited Temperament</p> <p>Dissertation Project: Neural Correlates of Anticipation in Children at Risk for Anxiety</p> <p><u>Awards</u></p> <p>Best Poster and Invited Talk, Vanderbilt Kennedy Center Science Day, 2009;</p> <p>Vanderbilt Medical Scholar 2010-2011;</p> <p>Travel Awardee, Wisconsin Symposium on Emotion, 2011;</p> <p>Travel Awardee, Anxiety Disorders Association of America Annual Meeting, 2012;</p> <p>NIMH, National Research Service Award (F30);</p> <p>Vanderbilt Prize Scholar award (outstanding female graduate student), 2013</p>	2008- present

Research Mentorship

Trainee Name	Projects, Awards and Current Positions	Years
	Sackler Summer Institute student award (selective competition to attend week long course)	
Amil H. Allen	<p>Medical Student</p> <p>Emphasis Project: Temperament Differences In Amygdala Habituation</p> <p><u>Awards</u> American Academy of Child and Adolescent Psychiatry Summer Medical Student Fellowship, 2009</p> <p>Current Position: Pediatrics Resident, Children's Hospital Cincinnati</p>	2008-2010
Suzanne N. Avery	<p>Neuroscience Graduate Student</p> <p>Dissertation Project: Neural Correlates Of Delayed Habituation To Faces In Social Fear</p> <p><u>Awards</u> Travel Awardee for Wisconsin Symposium on Emotion, 2011 Best Poster, Vanderbilt Neuroscience Graduate Student Retreat, 2011; Full scholarship to attend Genetic Analysis of Complex Human Diseases course, 2012; Best Systems Neuroscience Poster, Vanderbilt Kennedy Center, Science Day, 2013 NIMH, National Research Service Award (F31)</p>	2009-present
April Seay	<p>Medical Student</p> <p>Emphasis Project: Temperament Differences in Amygdala Volume</p> <p>Current Position: Psychiatry Resident, Duke University</p>	2009-2011, 2013
David Kattan	<p>Undergraduate Student, Hunter College, NY NIH-BP Endure Summer Training Program</p> <p>Summer Project: Tracking the Eyes of the Beholder: Temperament Differences in Scanning Faces</p> <p>Current Position: Neuroscience Graduate Student, Stonybrook</p>	2011 summer
Michael Maggart	<p>Medical Student</p> <p>Emphasis Project: Structure and Morphology of the Amygdala in Children Exhibiting Social Anxiety</p>	2012-2013

Research Mentorship

Trainee Name	Projects, Awards and Current Positions	Years
Marisel Rios	Undergraduate Student, New York University NIH-BP Endure Summer Training Program Summer Project: Multi-locus genetic risk model: the role of the serotonin genotype in psychiatric risk Current Position: Research Assistant, Bruce McEwen Rockefeller University	2012 summer

Other Research Training

Trainee Name	Position	Years
Sara Savage	Rotation Student Interdisciplinary Graduate Program	2009 Fall
Laurie Phebus	Rotation Student Psychology and Human Development	2010 Fall
Ana Milisavljevic	Neuroscience Honors Thesis Committee	2010- 2011
Maureen McHugo	Dissertation Committee (Chair) Department of Psychology	2010- present
Tom Armstrong	Dissertation Committee Department of Psychology	2010- present
Kale Edmiston	Rotation Student Neuroscience Graduate Program Dissertation Committee (Chair) Neuroscience Graduate Program	2011 Spring 2013- present
Kristen Eckstrand	Dissertation Committee Neuroscience Graduate Program	2011- present

RESEARCH PROGRAM

Current Grant Support	Years
Neural Substrates of Anticipation in Children at Risk for Anxiety (mentor) PI: Jacqueline Clauss (MD/PhD student) Vanderbilt Institute for Clinical and Translational Research \$31,900	2011-2014
Neuroimaging Study of Habituation in Social Fearfulness (mentor) PI: Suzanne Avery (graduate student) Vanderbilt Institute for Clinical and Translational Research & Vanderbilt University Institute of Imaging Science \$20,500	2012-2014
Neural Substrates of Anticipation in Children at Risk for Anxiety (mentor) PI: Jacqueline Clauss (graduate student) National Institute of Mental Health F30MH097344 \$134,608	2013-2016
Neural Correlates of Delayed Habituation to Faces in Social Fear (mentor) PI: Suzanne Avery (graduate student) National Institute of Mental Health F31MH102008 \$53,780	2013-2015
Neurobiological Mechanisms of Childhood Anxiety and Depression (PI) Vanderbilt Institute for Clinical and Translational Research \$8,896	2013-2014
 Past Grant Support	
Child Temperament Study (PI) Vanderbilt Dissertation Enhancement Grant \$1,000	1997-1998
The Ethics of Information Isolation: Psychotherapists' Perceptions of Ethics of Restricted Access to Computerized Psychiatric Records (Co-I) Vanderbilt Cal Turner Foundation \$13,700	2005-2006
Neuroimaging and Genetic Study of Inhibited Temperament (PI) Vanderbilt Institute for Clinical and Translational Research \$22,750	2006-2007
Williams Syndrome Paradox: Genetic and Neural Bases of Hypersociability and Nonsocial Fears (PI) Vanderbilt Kennedy Center Hobbs Grant \$24,200	2007-2008
Williams Syndrome Paradox: Genetic and Neural Bases of Hypersociability and Nonsocial Fears (PI) Vanderbilt Institute for Clinical and Translational Research \$8,600	2008-2010

Neuroimaging and Genetic Study of Inhibited Temperament (PI) National Institute of Mental Health K01MH083052 90% effort \$720,600	2008-2013
Temperamental Differences in Amygdala Temporal Dynamics (PI) Vanderbilt CTSA/Vanderbilt Institute of Imaging Science \$20,250	2009-2010
Effect of Lorazepam On Amygdala Activation In Inhibited Temperament (PI) Vanderbilt Psychiatry Luton Research Award \$10,000	2010-2011
A fMRI study of temperament differences in anticipation (PI) Vanderbilt Institute for Clinical and Translational Research \$20,250	2010-2012
Association of Serotonin Gene Variants, Personality Traits, and Brain Volume (PI) Vanderbilt Conte Center for Neuroscience Research and Vanderbilt Institute for Clinical and Translational Research \$18,968	2011-2012
fMRI Habituation in Patients with Schizophrenia (Co-I) PI: Lisa Williams (Post-doctoral fellow with Stephan Heckers) Vanderbilt Institute for Clinical and Translational Research \$10,000	2012-2013

PUBLICATIONS AND PRESENTATIONS

Articles in Refereed Journals:

1. Walden, TA, **Blackford, JU**, & Carpenter, KC (1997). Differences in social signals produced by children with developmental delays of differing etiologies. *American Journal on Mental Retardation*, 102, 292-305.
2. **Blackford, JU*** & Walden, TA (1998). Individual differences in social referencing: Effects of temperamental fear on referencing, regulation, and parent messages. *Infant Behavior and Development*, 21(1), 89-102.
*Corresponding author
3. Brumley, DE, Hawks, RW, Gillcrist, JA, Wells, WW, & **Blackford, JU** (2001). Successful implementation of community water fluoridation via the community diagnosis process. *Journal of Public Health Dentistry*, 61(1), 28-33.
4. Gillcrist, JA, Brumley, DE, & **Blackford, JU** (2001). Community socioeconomic status and children's oral health. *Journal of the American Dental Association*, 132(2), 216-222.

5. Bess, T, **Blackford, J**, Regan, J, Alderson, A (2001). Mediating denials of pharmaceutical services: An alternative to traditional appeals. *American Journal of Health-Systems Pharmacology*, 58(22), 2147-2150.
6. Gillcrist, JA, Brumley, DE, & **Blackford, JU** (2001). Community fluoridation status and caries prevalence in children. *Journal of Public Health Dentistry*, 61(3), 168-171.
7. Harvey, M, Baker, D, Horner, R & **Blackford, J** (2003). A brief report on the prevalence of sleep problems in individuals with mental retardation living in the community. *Journal of Positive Behavioral Intervention*, 5(4), 195-200.
8. Yoder, P, **Blackford, JU**, Waller, N, & Young, G (2004). Enhancing power while controlling family-wise error: an illustration of the issues using electrocortical studies. *Journal of Clinical and Experimental Neuropsychology*, 26(3), 320-331.
9. Rosenbloom, ST, Giuse, NB, Jerome, RN, & **Blackford, JU** (2005). Providing evidence based answers to complex clinical questions: Evaluating the consistency of article selection. *Academic Medicine*, 80(1), 109-114.
10. Salomon, RM, Kennedy JS, Johnson, BW, **Blackford, JU**, Schmidt, DE, Kwentus, J, Gwirtsman, HE, Gouda, JF, & Shiavi, RG (2005). Treatment enhances ultradian rhythms of CSF monoamine metabolites in patients with major depressive episodes. *Neuropsychopharmacology*, 30(11), 2082-2091.
11. Carroll, KC, Cooper WO, **Blackford, JU**, & Hickson, GB (2005). Characteristics of families who complain following pediatric emergency visits. *Ambulatory Pediatrics*, 5(6),326-331.
12. Dimitropoulos, A, **Blackford, J**, Walden, T, & Thompson, T (2006). Compulsive behavior in Prader-Willi Syndrome: Examining severity in early childhood. *Research in Developmental Disabilities*, 27(2), 190-202. PMID: 15950435.
13. Murff, HJ., France, DJ., **Blackford, J**, Grogan, EL, Yu, C, Speroff, T, Pichert, JW, & Hickson, G.B. (2006). Relationship of patient complaints and surgical complications. *Quality and Safety in Health Care*, 15(1), 13-16. PMID: 16456204.
14. Moore, IN., Pichert, JW, Hickson, GB, Federspiel, C. & **Blackford, JU** (2006). Rethinking peer review: Detecting and addressing medical malpractice claims risk. *Vanderbilt Law Review*, 59(4), 1175-1206.
15. Rosenbloom, ST, Crow, AN, **Blackford, JU**, Johnson, KB. (2007). Cognitive factors influencing perceptions of clinical documentation tools. *Journal of Biomedical Informatics*, 40, 106-113. PMID: 16904384.
16. Hickson, GB, Federspiel, CF, **Blackford, J**, Pichert, JW, Gaska, W, Merrigan, MW, Miller, CS. (2007). Patient complaints and malpractice risk in a regional healthcare center. *Southern Medical Journal*, 100(8), 791-796. PMID: 17713305.
17. Moore, IN, Snyder, SL, Miller, C, An, AQ, **Blackford, JU**, Zhou, C, Hickson, GB (2007). Confidentiality and privacy in health care from the patient's perspective: Does HIPAA help? *Health Matrix: Journal of Law-Medicine*, 17(2), 215-272. PMID: 18326392.

18. Hahn, MK, **Blackford, JU**, Haman, K, Mazei-Robison, M, English, B, Prasad, H, Steele, A, Hazelwood, L, Fentress, H, Myers, R, Blakely, RD, Sanders-Bush, E., Shelton, R. (2008). Multivariate permutation analysis associates multiple polymorphisms with subphenotypes of major depression. *Genes, Brain, and Behavior*, 7(4), 487-495. PMID: 18081710.
19. **Blackford, JU***, Salomon RM, Waller, NG (2009). Detecting change in biological rhythms: A multivariate permutation test approach to Fourier-transformed data. *Chronobiology International*, 26(2), 258-281. PMID: 19212840.
*corresponding author
20. Karageorgiou, J, Dietrich, MS, Charboneau, EJ, Woodward, ND, **Blackford, JU**, Salomon, RM, and Cowan RL. (2009). Prior MDMA (Ecstasy) use is associated with increased basal ganglia-thalamocortical circuit activation during motor task performance in humans: an fMRI study. *Neuroimage*, 46, 817-826. PMID:19264142.
21. **Blackford, JU**. (2009). Propensity Scores: Method for matching on multiple confounding variables in Down syndrome research. *Intellectual and Developmental Disabilities*, 47 (5), 348-357. PMID: 19842739.
22. **Blackford, JU***, Avery, SN, Shelton, RC, & Zald, DH (2009). Amygdala temporal dynamics: temperamental differences in the timing of amygdala response to familiar and novel faces. *BMC Neuroscience*, 10(1):145. PMID: 20003287.
*corresponding author
Received a "highly accessed" designation
23. Salomon, R, **Blackford, JU**, Rosenbloom, ST, Seidel, S., Clayton, EW, Dilts, DM, Finder SG. (2010). Openness of patients' reporting with use of electronic records: psychiatric clinicians' views. *Journal of the American Medical Informatics Association*, 17, 54-60. PMID: 20064802.
24. **Blackford, JU***, Buckholtz, JW, Avery, SN[†] & Zald, DH (2010). A unique role for the human amygdala in novelty detection. *Neuroimage*, 50(3), 1188-1193. PMID: 20045069.
corresponding author [†]student author
25. Bauernfeind, AL, Dietrich, MS, **Blackford, JU**, Charboneau, EJ, Lillevig, JG, Cannistraci, CJ, Woodward, ND, Cao, A, Watkins, T, Di Iorio, CR, Cascio, C, Salomon, RM, Cowan, RL (2010). Human Ecstasy use is associated with increased cortical excitability: an fMRI study. *Neuropsychopharmacology*, 36, 1127-1141. PMID: 21326196.
26. **Blackford, JU***, Avery, SN[†], Cowan, RL, Shelton, RC, and Zald, DH (2011). Sustained amygdala response to both novel and newly familiar faces characterizes inhibited temperament. *Social Cognitive Affective Neuroscience*, 6(5), 621-629. PMID: 20660534.
corresponding author [†]student author
27. Clauss, J[†], Cowan, RL and **Blackford, JU***. (2011) Expectation and temperament moderate amygdala and dorsal anterior cingulate responses to fear faces. *Cognitive, Affective, and Behavior Neuroscience*, 11(1), 13-21. PMID: 21264642.
* corresponding author [†]student author
28. Thornton-Wells, TA, Avery, SN[†], and **Blackford, JU*** (2011). Using novel control groups to dissect the amygdala's role in Williams Syndrome. *Developmental Cognitive Neuroscience*, 1, 295-304. PMID:21731599.
* corresponding author [†]student author

29. **Blackford, JU***, Love, R (2011) Dialectical behavior therapy group skills training in a community mental health setting: a pilot study. *International Journal of Group Psychotherapy*, 61(4), 645-657. PMID: 21985263
* corresponding author
30. Avery, SN[†], Thornton-Wells, TA, Anderson, A, and **Blackford, JU*** (2012). Reduced white matter integrity in amygdala-prefrontal cortex pathways in Williams syndrome. *Neuroimage*, 59, 887-894. PMID: 22008369
* corresponding author [†]student author
31. Salomon, RM, Karageorgiou, J, Dietrich MS, McLellan, JY, Charboneau, EJ, **Blackford, JU**, and Cowan, RL (2012). MDMA (Ecstasy) association with impaired fMRI BOLD thalamic coherence and functional connectivity. *Drug and Alcohol Dependence*, 120(1-3), 41-47. PMID: 21807471
32. Di Iorio, CR, Watkins, TJ, Dietrick, MS, Cao, A, **Blackford, JU**, Rogers, B, Ansari, MS, Baldwin, RM, Benningfield, M, Cowan, RL (2012). Evidence for chronically altered cortical serotonin function in human female recreational ecstasy (MDMA) polydrug users. *Archives of General Psychiatry*, 69(4), 399-409. PMID: 22147810
33. Clauss, JA[†] & **Blackford, JU*** (2012). Behavioral inhibition and risk for developing social anxiety disorder: a meta-analytic study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 51(10), 1066-1075. PMID: 23021481
* corresponding author [†]student author
34. Pryweller, JR, Avery, SN, **Blackford, JU**, Dykens, EM, Thornton-Wells, TA. (2012) The effect of intellectual ability on functional activation in a neurodevelopmental disorder: fMRI studies in Williams syndrome. *Journal of Neurodevelopmental Disorders*.4(1), 24. PMID: 23102261
35. Edmiston, KE[†] & **Blackford, JU*** (2013). Childhood maltreatment and brain response to novel faces in adults with inhibited temperament. *Psychiatry Research–Neuroimaging*, 212(1), 36-42. PMID: 23477839
* corresponding author [†]student author
36. **Blackford, JU***, Allen, AH[†], Cowan, RL, and Avery, SN[†] (2013). Amygdala and hippocampus fail to habituate to faces in individuals with an inhibited temperament. *Social, Cognitive, and Affective Neuroscience*, 8(2), 143-150. PMID: 22260816
* corresponding author [†]student author
37. Watkins, T, Raj, V., Lee, J., Dietrich, M., Cao, C., **Blackford, J**, Salomon, R., Park, S., Benningfield, M., Di Iorio, C., Cowan, R. (2013). Human ecstasy (MDMA) polydrug users have altered brain activation during semantic processing. *Psychopharmacology*, 227(1), 41-54. PMID: 23241648
38. Sheffield, JM, Williams, LE, **Blackford, JU**, Heckers, S. (2013). Childhood sexual abuse increases risk of auditory hallucinations in psychotic disorders. *Comprehensive Psychiatry (epub ahead of print)*. PMID: 23815887
39. Charboneau, EJ, Dietrich, MS, Park, S, Cao, A, Watkins, TJ, **Blackford, JU**, Benningfield, MM, Martin, PR, Buchowski, MS, Cowan, RL (in press). Cannabis cue-induced brain activation correlates with drug craving in limbic and visual salience regions: Preliminary results. *Psychiatry Research: Neuroimaging*.

Books, Book Chapters, Invited Review Articles, Commentaries

1. Scott, KG, **Urbano, JC**, & Boussy, CA (1991). Long-term psychoeducational outcome of prenatal substance exposure. *Seminars in Perinatology*, 15(4), 317-323.
2. Scott, KG, Shaw, KH, & **Urbano, JC** (1994). Developmental epidemiology. In S. L. Friedman & H. C. Haywood (Eds.), *Developmental follow-up: Concepts, genres, domains, and methods*. Orlando, FL: Academic Press.
3. Pichert, J., Hickson, G., **Blackford, J.**, Federspiel, C. & Miller, C. (2004). Using patient complaints to communicate concern to colleagues. In *Academic Practice Compensation and Production Survey for Faculty and Management: 2004 report based on 2003 data*. Medical Group Management Association.
4. **Blackford, JU** (2007) Statistical issues in development epidemiology and developmental disabilities research: confounding variables, small sample size, and numerous outcome variables. *International Review of Research in Mental Retardation*, 33, 93-120.
5. **Blackford, JU** & Heckers S (2010). Commentary: Amygdalar and hippocampal substrates of anxious temperament differ in their heritability. *Schizophrenia Research Forum*. Posted September 21, 2010 SchizophreniaForum.org.
6. **Blackford, JU** & Pine, D (2012). Neural substrates of childhood anxiety disorders: a review of neuroimaging findings. *Child and Adolescent Psychiatric Clinics of North America*, 21, 501-525.
7. Clauss, JA & **Blackford, JU** (2012). Commentary: Genetic differences in neuroplasticity may underlie risk for developing psychopathology. *Schizophrenia Research Forum*. Posted December 20, 2010 SchizophreniaForum.org.
8. **Blackford, JU** & Clauss, JA (2013). Reply to: Risks interpreting odds. *Journal of the American Academy of Child and Adolescent Psychiatry*, 52(3), 319-320.

Software Programs

1. **Blackford JU**. Multivariate permutation testing for paired t-tests [computer program]. Nashville, TN: Vanderbilt Kennedy Center for Research in Human Development, 2002. (Requires R Project statistical software.) Accessible from http://kc.vanderbilt.edu/kennedy/researchers/techservices_downloads.html
2. **Blackford JU**. Multivariate permutation testing for bivariate correlations [computer program and manual]. Version 1.2. Nashville, TN: Vanderbilt Kennedy Center for Research in Human Development, 2002. (Requires R Project statistical software.) <http://kc.vanderbilt.edu/kennedy/researchers/images/MPTCorr.pdf> Accessible from http://kc.vanderbilt.edu/kennedy/researchers/techservices_downloads.html
3. **Blackford, JU**. Fourier transform and multivariate permutation testing for paired t-tests [computer program]. Nashville, TN. Vanderbilt Kennedy Center for Research in Human Development, 2008. (Requires R Project statistical software). Accessible from Jenni.Blackford@Vanderbilt.edu.

Manuscripts Submitted

1. Benningfield, MM, Ellsworth, M, Cowan, RL, Martin, P, **Blackford, JU** & Zald, DH. Preference for immediate reward is inversely correlated with ventral striatal brain activation in VS in healthy 10-14 year olds youth. Revision submitted.
2. Williams, L, **Blackford, JU**, Gauthier, I, & Heckers, S. Reduced hippocampal habituation in patients with schizophrenia. Revision submitted.
3. Banks, B, **Blackford, JU**, & Kuhn, T. Dialectical Behavior Therapy group skills training in a juvenile justice correctional facility for females: a pilot study. In revision.
4. Avery, SN, Clauss, JA, Winder, D, Woodward, N, Heckers, S, **Blackford, JU**. BNST neurocircuitry in humans. Under review.
5. Clauss, JA, Seay, A, VanDerKlok, R, Avery, SN, Cao, A, Cowan, RL, Benningfield, MM & **Blackford, JU**. Structural and functional bases of inhibited temperament. Under review.
6. Karbasforoushan, H, Duffy, B, Blackford, JU, Woodward, ND. Processing speed impairment in schizophrenia is mediated by white matter integrity. Under review.
7. **Blackford, JU**, Clauss, JA, Avery, SN, Cowan, RC, & VanDerKlok, R. Reduced connectivity in intrinsic networks is a dimensional biomarker of social anxiety. Submitted.

Manuscripts in Preparation

1. Clauss, JA, Avery, SN, VanDerKlok, R, Cowan, RC, Benningfield, MM & **Blackford, JU**. Neurocircuitry underlying risk and resilience to social anxiety disorder.
2. McHugo, M, VanDerKlok, R, Avery, SN, Clauss, JA, & **Blackford, JU**. Stimulus-specific differences in attentional bias distinguishes social anxiety.
3. Mortenson, P, **Blackford, JU**, & Cowan, RL. MDMA users exhibit altered brain response to novel stimuli.

Presentations at Scientific Meetings (Peer-reviewed)

1. **Urbano, JC**, & Walden, TA (1994). *The relation between social referencing and temperament in infancy*. Presented at the Conference on Human Development, Pittsburgh, PN.
2. Walden, TA, & **Urbano, JC** (1995). *Social responsivity in children with and without developmental delays*. Presented at the Society for Research in Child Development, Indianapolis, IN.
3. **Urbano, JC**, Rieser, JJ, Schwartz, DL, & Yen, L. (1995). *The early development of action-representation couplings*. Presented at the Society for Research in Child Development, Indianapolis, IN.
4. **Urbano, JC**, Walden, TA, & Carpenter, KL (1996). *Differences in social signals produced by children with developmental delays of differing etiologies*. Presented at the Conference on Human Development, Birmingham, AL.

5. **Urbano, JC**, Walden, TA, & Carpenter, KL (1996). *Isn't this the same scary toy we discussed before?_Enduring effects of social referencing*. Presented at the International Conference on Infant Studies, Providence, RI.
6. Walden, TA, Carpenter, KL, and **Blackford, JU** (1997). *Social referencing in two behavioral domains*. Presented at the Society for Research in Child Development, Washington, D.C.
7. Salomon, RM, Johnson, BW, **Blackford, JU**, Schmidt, DE (2003). *Antidepressant effects on ultradian rhythms of CSF monoamine metabolites*. Presented at the American College of NeuroPsychopharmacology, San Juan, Puerto Rico.
8. Doub, T, Johnson, C & **Blackford, J** (2004). *Innovation in the spam: Methods for identifying key elements in large clinical databases*. Presented at the Conference on State Mental Health Agency Services Research, Program Evaluation and Policy, Arlington, VA.
9. **Blackford, JU**, Shelton, RC, Avery, SN, Zald, DH (2008). *Amygdala activation and the neural substrates of inhibited temperament*. Presented at the Society of Biological Psychiatry, Washington, DC.
10. Salomon, RM, Schmidt, DE, **Blackford JU** (2008). *Regional BOLD oscillatory power: effect of tryptophan depletion*. Presented at the Society of Biological Psychiatry, Washington, DC.
11. **Blackford, JU**, Avery, SN, Zald, DH, Shelton, RC (2008). *Temperamental differences in temporal dynamics of amygdala response to neutral faces*. Presented at the American College of Neuropsychopharmacology, Scottsdale, AZ.
12. **Blackford, JU**, Buckholtz, JW, Avery, SN, Shelton, RC, Sutcliffe, JS, Zald, DH (2009). *Human amygdala response to novelty is modulated by the serotonin transporter polymorphism (5-HTTLPR)*. Presented at the Society of Biological Psychiatry, Vancouver, British Columbia.
13. Thortonton-Wells, TA, Dykens, EM, **Blackford, JU** (2009). *The Paradox of Williams Syndrome: A functional MRI study of the dissociation of response to social and non-social stimuli*. Presented at the Society for Neuroscience, Chicago, IL.
14. **Blackford, JU**, Avery, SN, Buckholtz, JW, Zald, DH (2009). *Multiple serotonin transporter polymorphisms modulate human amygdala response to novelty*. Presented at the Society for Neuroscience, Chicago, IL.
15. Allen, AH & **Blackford, JU** (2009). *Temperamental differences in amygdala habituation to novel, neutral faces*. Presented at the American Academy of Child and Adolescent Psychiatry, Honolulu, HI.
AACAP Medical Student Summer Fellowship Awardee.
16. **Blackford, JU** & Zald, DH (2009). *Amygdala response to familiar, not novel, faces characterizes inhibited temperament*. Presented at the American College of Neuropsychopharmacology, Hollywood, FL
17. Thortonton-Wells, TA, Dykens, EM, **Blackford, JU** (2010). *The Paradox of Williams Syndrome: An imaging genetics study of the genetic basis of non-social anxiety and hypersociability*. Presented at the International Imaging Genetics Conference, Irving, CA.

18. Clauss, J & **Blackford, JU** (2010). *Temperament moderates effect of novelty on amygdala and prefrontal cortex response to fear faces*. Presented at the Anxiety Disorders Association of America, Baltimore, MD.
19. Haman, KL, Quasem, S, **Blackford J**, Garber, J, Walker LS (2010). *Relationship between personality traits and mood and anxiety disorders in patients with histories of chronic abdominal pain*. Presented at the Anxiety Disorders Association of America, Baltimore, MD.
20. **Blackford, JU** & Zald, DH (2010). *Amygdala response to familiar, not novel, faces characterizes inhibited temperament*. Presented at the Society of Biological Psychiatry, New Orleans, LO.
21. Kallianpur, A, **Blackford, JU**, Halasa, N, Figaro, K, Kendall, P, Major, AS, Hasty, AH. (2010). *Best practices: Retaining and promoting women in medicine and science*. Presented at Group on Women in Medicine and Science, Association of American Medical Colleges.
22. **Blackford, JU**, Dykens, EM, Thorton-Wells, TA (2010). *The paradox of Williams syndrome: An imaging genetics study of non-social anxiety and hypersociability*. Presented at the American Society of Human Genetics, Washington, DC.
23. Cowan, RL, Mortensen, P, Benningfield, M and **Blackford JU** (2010). *Human recreational MDMA/Ecstasy use is associated with altered amygdala and hippocampus activation during novelty detection*. Presented at the American College of Neuropsychopharmacology, Miami Beach, FL.
24. Clauss, JA, Cowan, RL and **Blackford, JU** (2010). *Expectation and temperament moderate amygdala and prefrontal cortex responses to fear faces*. Presented at the American College of Neuropsychopharmacology, Miami Beach, FL.
25. **Blackford, JU**, Allen A, Avery, SN, and Cowan RL (2011). *Failure of rapid amygdala habituation in individuals with an inhibited temperament*. Presented at the Cognitive Neuroscience Society, San Francisco, CA
26. Avery, SN, Thornton-Wells, TA, and **Blackford, JU** (2011). *Altered white matter integrity in prefrontal-amygdala pathways in Williams Syndrome*. Presented at the Wisconsin Symposium on Emotion.
Student Travel Award winner.
27. Clauss, JA & **Blackford, JU** (2011). *Grey matter volume differences in limbic and prefrontal cortical areas characterize inhibited temperament*. Presented at the Wisconsin Symposium on Emotion.
Student Travel Award winner.
28. **Blackford, JU**, Allen, A, Avery, SN and Cowan, RL (2011). *Amygdala fails to habituate to faces in individuals with an inhibited temperament*. Presented at the Society of Biological Psychiatry, San Francisco, CA.
Top Poster Award finalist.
29. Avery, SN, Thornton-Wells, TA, and **Blackford, JU** (2011). *Altered white matter integrity in prefrontal-amygdala pathways in Williams Syndrome*. Presented at the Society of Biological Psychiatry, San Francisco, CA.

30. Clauss, JA & **Blackford, JU** (2011). *Grey matter volume differences in limbic and prefrontal cortical areas characterize inhibited temperament*. Presented at the Society of Biological Psychiatry, San Francisco, CA.
31. Charboneau, EJ, Black, C, Richman, N, Di Iorio, C, Watkins, TJ, Park, S, Dietrich, M, Cao, A, **Blackford JU**, Plemmons, G, Cowan RL. (2011). *Visual food cues produce widespread limbic activation in fasting pre-pubertal normal weight children*. Presented at The Obesity Society Annual Scientific Meeting, Orlando, FL.
32. Edmiston, K & **Blackford, JU** (2011). *Childhood maltreatment affects face processing*. Presented at the Neurobehavioral Mechanisms of Affiliative Behavior and Cooperation: Prospects for Translational Advances for Psychiatric Disorders, Emory University, Atlanta, GA.
Student Travel Award winner.
33. Kattan, D, Avery, S, VanDerKlok, R, & **Blackford, J** (2011) *Temperament differences in scanning patterns of faces*. Presented at Society for Neuroscience. Washington, DC.
34. **Blackford, JU.** (2012). *Temperament differences in amygdala volume and shape*. Mortimer D. Sackler Winter Conference on Developmental Psychobiology. Oahu, Hawaii.
35. VanDerKlok, R, Cowan, RL, **Blackford, J.** (2012). *Lorazepam normalizes medial prefrontal cortex function in inhibited temperament*. Presented at the Anxiety Disorders Association of America conference, Arlington, VA.
36. Clauss, JC, **Blackford, JU.** (2012). *Temperament differences in neural response during anticipation*. Presented at the Anxiety Disorders Association of America conference, Arlington, VA.
Student Travel Award winner.
37. Cowan, RL, Benningfield, MM, Watkins, TJ, **Blackford, JU.** (2012). *MDMA (ecstasy) users have increased regional brain activation during Stroop task performance: an fMRI study*. Presented at the Society of Biological Psychiatry, Philadelphia, PA.
38. Benningfield, MM, Ellsworth, ME, **Blackford, JU**, Martin, PR, Cowan, RL. (2012) *Discounting of future rewards and brain activation in healthy 10-14 year-olds*. Presented at the Society of Biological Psychiatry, , Philadelphia, PA.
39. Avery, SN, McElroy, J, Sutcliffe, J, **Blackford, JU.** (2012). *Serotonin transporter genotype predicts risk for social phobia*. Presented at the Society of Biological Psychiatry, Philadelphia, PA.
40. Clauss, JA, **Blackford, JU.** (2012). *Temperament differences in neural response during anticipation*. Presented at the Society of Biological Psychiatry, Philadelphia, PA.
41. Williams, LE, **Blackford, JU**, Heckers, S. (2012). *Reduced fMRI habituation in patients with schizophrenia*. Presented at the Society of Biological Psychiatry, Philadelphia, PA.
42. Benningfield, M, Ellsworth, M, **Blackford, JU**, Martin, P, Cowan R. (2012) *Greater fMRI activation of limbic regions during immediate versus delayed rewards in healthy 10-14 year olds*. Presented at the American Academy of Child and Adolescent Psychiatry Annual Meeting, San Francisco, CA.

43. **Blackford, JU**, Clauss, JA, Avery, SN, VanDerKlok, R,. *Intrinsic connectivity abnormalities in social anxiety*. Presented at American College of Neuropsychopharmacology, December 2012, Hollywood, FL.
44. Clauss, JA, Avery, SN, VanDerKlok, R, **Blackford, JU**. *Greater activation in the anterior cingulate cortex is related to less social anxiety in young adults at temperament-based risk*. Presented at American College of Neuropsychopharmacology, December 2012, Hollywood, FL.
45. **Blackford, JU**, Clauss, JA, Avery, SN, VanDerKlok, R. *Intrinsic connectivity abnormalities in social anxiety*. Presented at Anxiety and Depression Association of America, April, 2013, La Jolla, CA
46. Clauss JA, Seay AL, VanDerKlok RM, Avery SN, **Blackford JU**. *The shy brain: greater amygdala and caudate volume, activation, and functional connectivity*. Presented at Anxiety and Depression Association of America, April, 2013, La Jolla, CA
47. Clauss JA, Avery, SN, VanDerKlok, RM, **Blackford JU**. *Novel neurocircuitry of anxiety: functional connectivity of the human bed nucleus of the stria terminalis*. Presented at the Society of Biological Psychiatry, May 2013, San Francisco, CA
48. Salomon RM, Camper SJ, Meggs J, **Blackford JU**, Cowan RL. *Isolating raphe from local brainstem activities in fMRI*. Presented at the Society of Biological Psychiatry, May 2013, San Francisco, CA.
49. Avery, SN, Clauss, JA, **Blackford JU**. *Anatomical connectivity of the bed nucleus of the stria terminalis in the human brain*. Presented at the Society of Biological Psychiatry, May 2013, San Francisco, CA.

Invited Presentations

National/International

1. Blackford, JU (2007). *Propensity scores: A method for matching on multiple variables in research on Down syndrome*. Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, MD.
2. Blackford, JU (2009). *Temperamental differences in temporal dynamics*. Society of Biological Psychiatry, Vancouver, Canada.
3. Blackford, JU (2009). *Neural substrates of inhibited temperament: Novelty, familiarity and expectancy*. Anxiety and Mood Disorders Branch, National Institutes of Health, Bethesda, MD.
4. Blackford, JU (2010). *Temperamental differences in amygdala and prefrontal cortex responses to novelty*. Mortimer D. Sackler Winter Conference on Developmental Psychobiology, Manzanillo, Mexico.
5. Blackford, JU (2010). *Neurobiology of inhibited temperament*. Stress and the Brain Seminar Series, University of Tennessee-Knoxville.
6. Blackford, JU (2011). *Neural substrates of risk for anxiety*. Department of Psychology Colloquium Series. Case Western University, Cleveland, OH.

7. Blackford, JU (2012). *Neural substrates of inhibited temperament and risk for anxiety*. Grand Rounds, Department of Psychiatry, University of Wisconsin-Madison.
8. Blackford, JU (2012). *Neural mechanisms of developmental risk for social anxiety*. Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, MD.
9. Blackford, JU (2012). *Anxiety genetics: serotonin, social anxiety, and social inhibition*. Society of Biological Psychiatry Conference, Philadelphia, PA
10. Blackford, JU (2012). *Intrinsic connectivity abnormalities in social anxiety*. American College of Neuropsychopharmacology, Hollywood, FL.
11. Blackford, JU (2013). *Delayed habituation to novelty: a potential mechanism underlying risk for anxiety*. Anxiety and Depression Association of America, La Jolla, CA.
12. Blackford, JU (2013). *Towards an anxiety neurocircuit: BNST connectivity and function in humans*. Society of Biological Psychiatry, San Francisco, CA.

Local

1. Urbano, JC (1994). *The relation between social referencing and temperament in infancy*. Developmental/Cognitive Psychology. Vanderbilt University, Nashville, TN.
2. Blackford, JU (2002). *Psychiatry and the electronic medical record*. Grand Rounds, Department of Psychiatry, Vanderbilt University, Nashville, TN.
3. Blackford, JU (2003). *How to use the R programming language for statistical analyses*. General Center for Clinical Research, Vanderbilt University, Nashville, TN.
4. Blackford, JU (2005). *Physician behavior, patient dissatisfaction and malpractice risk*. Psychiatry Grand Rounds, Vanderbilt University, Nashville, TN.
5. Blackford, JU (2005). *Physician behavior, patient dissatisfaction and malpractice risk*. Child and Adolescent Psychiatry Grand Rounds, Vanderbilt University, Nashville, TN.
6. Salomon, RM, Blackford, JU, Clayton, E, Dilts, D, Finder, S, Seidel, S (2006). *Mental health clinicians' responses to electronic medical records*. Cal Turner Foundation Faculty Discussions Series, Vanderbilt University, Nashville, TN.
7. Blackford, JU (2006). *Multivariate permutation testing*. A joint presentation with RM Salomon, Detecting rhythms in depression: Testing for differences in variability over time. Vanderbilt Kennedy Center Statistics and Methodology Seminar Series, Vanderbilt University, Nashville, TN.
8. Blackford, JU (2007). *Neuroscience of inhibited temperament*. Department of Psychology Clinical Seminar Series, Vanderbilt University, Nashville, TN.
9. Blackford, JU (2008). *Neuroscience of inhibited temperament*. Department of Psychology, Developmental Psychology Series, Vanderbilt University, Nashville, TN.
10. Blackford, JU (2008). *Methods for creating reliable and reproducible analyses*. Vanderbilt Kennedy Center Statistics and Methodology Seminar Series, Vanderbilt University, Nashville, TN.

11. Blackford, JU (2008). *Estimating between-group differences in latency in fMRI studies*. fMRI Methods Seminar Series, Vanderbilt University Institute of Imaging Science, Nashville, TN.
12. Blackford, JU (2008). *Inhibited temperament, the amygdala and the senses*. 9th Annual Vanderbilt Genetics Symposium, Nashville, TN.
13. Blackford, JU (2010). *Neural substrates of temperament: novelty, familiarity, and expectancy*. Neuroimaging Seminar Series, Vanderbilt University Institute of Imaging Science, Nashville, TN.
14. Blackford, JU (2010). *Neurobiology of inhibited temperament: Mechanisms of risk for anxiety disorders*. Clinical Brown Bag series, Department of Psychology, Vanderbilt University, Nashville, TN.
15. Blackford, JU (2010). *Neurobiology of inhibited temperament*. Developmental Psychology Brown Bag series, Department of Psychology and Human Development, Vanderbilt University, Nashville, TN.
16. Blackford, JU (2010). *Developmental risk for anxiety disorders*. Grand Rounds, Department of Psychiatry, Vanderbilt University, Nashville, TN.
17. Blackford, JU & Cao, A (2011). *Amygdala volume and shape*. Neuroimaging Seminar Series, Vanderbilt University Institute of Imaging Science, Nashville, TN.
18. Blackford, JU. (2011). *Neural substrates of risk for anxiety*. Developmental Disabilities Grand Rounds, Vanderbilt Kennedy Center, Vanderbilt University, Nashville, TN.
19. Blackford, JU (2012) *The role of habituation and memory deficits in social inhibition*. Clinical Brown Bag series, Department of Psychology, Vanderbilt University, Nashville, TN.
20. Blackford, JU (2012). *Temperament and mental health*. Lunch and Learn Series. Center of Excellence for Children in State Custody. Vanderbilt University, Nashville, TN.
21. Blackford, JU. (2012). *Neural circuitry of risk for anxiety*. Grand Rounds, Meharry Medical College, Nashville, TN.
22. Blackford, JU (2012). *Shyness and social anxiety*. Kentucky Governors Scholars Program (high school scholars), Vanderbilt Kennedy Center, Vanderbilt University, Nashville, TN.
23. Blackford, JU (2013). *Neurobiological mechanisms of anxiety vulnerability*. Vanderbilt Neuroscience Program Seminar Series. Vanderbilt University, Nashville, TN.