

CURRICULUM VITAE
GABRIEL S. DICHTER, PH.D.

North Carolina Psychologist (HSP-P) License #6548

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UNC Address:

4115 Bioinformatics Bldg., Mason Farm Rd.
CB# 3366,
UNC Chapel Hill
Chapel Hill, NC 27599-3366
919-681-3169

Duke Address:

Duke-UNC Brain Imaging & Analysis Center (BIAC)
Duke University Medical Center
2424 Erwin Road, Suite 501
Durham, NC 27705
Dichter@Med.UNC.edu

Education

- 1989-1993 B.A., Psychology (Concentration in Neural and Behavioral Sciences), Haverford College, May, 1993.
- 1997-2001 M.A., Clinical Psychology, Vanderbilt University School of Arts & Sciences,
Advisor: Andrew J. Tomarken, Ph.D.
- 2001-2004 Ph.D., Clinical Psychology, Vanderbilt University School of Arts & Sciences,
Advisor: Andrew J. Tomarken, Ph.D.
- 2003-2004 Pre-doctoral Clinical Psychology Intern, Durham VA Medical Center, Durham, NC.

Employment

- 2008-present Assistant Professor (*tenure track; primary academic appointment*), Department of Psychiatry, University of North Carolina at Chapel Hill
- 2008-present Adjunct Assistant Professor, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center
- 2008-present Adjunct Assistant Professor, Department of Psychology, UNC-Chapel Hill
- 2006-present Investigator, Carolina Institute for Developmental Disabilities (CIDD), University of North Carolina at Chapel Hill.
- 2006-2008 Clinical Assistant Professor, Department of Psychiatry, University of North Carolina at Chapel Hill
- 2006-present Investigator, Neurodevelopmental Disorders Research Center, University of North Carolina at Chapel Hill
- 2006-present Investigator, U54MH066418 (“Gene-Brain-Behavior Relations Autism”); PI: Piven)
- 2006-present Core Faculty, Duke-UNC Brain Imaging and Analysis Center, Duke University
- 2004-2006 Post-Doctoral Research Fellow, Neurodevelopmental Disorders Research Center, Department of Psychiatry, University of North Carolina at Chapel Hill with placement at the Duke-UNC Brain Imaging and Analysis Center (BIAC).
- 2003-2004 Clinical Psychology Intern, Durham VA Medical Center.
- 2001-2003 Research Coordinator & Clinical Interviewer, Sequential Treatment Alternatives to Relieve Depression Child Study (STAR*D-Child), Vanderbilt University; PIs: Judy Garber, Ph.D and Myrna Weissman, Ph.D.
- 2000-2001 Practicum Trainee, Vanderbilt University Psychological and Counseling Center.
- 1999-2000 Practicum Trainee, Nashville Metro Public Schools
- 1998-1999 Practicum Trainee, forensic neuropsychology (private practice of Dr. Pamela Auble).

1997-2003 Research Assistant, Psychophysiology Laboratory (Psychology), Vanderbilt University
 1995-1997 Electrophysiological / Neuropsychological Technician, New York State Psychiatric Institute, Department of Biological Psychiatry; Supervisor: Harold A. Sackeim, Ph.D.
 1993-1994 Research Technician, New York State Psychiatric Institute, Department of Developmental Psychobiology; Supervisor: Myron A. Hofer, M.D.

Honors and Awards

1997-2001 Vanderbilt University Full Fellowship and Tuition Scholarship
 1997-2001 Select Scholars Award, Vanderbilt University

RESEARCH SUPPORT

Completed

NIMH Predoctoral Training Fellowship (PI: Garber). 1999-2001
 T32 MH18921
 “Predoctoral Training in Developmental Psychopathology”
 The goal of this training grant is to prepare predoctoral trainees for research in developmental psychopathology.
 Role: Pre-Doctoral Trainee

American Psychological Association 2002
 “Science Directorate Dissertation Research Award”
 The goal of this award is to assist outstanding graduate students with completion of dissertation research.
 Role: Pre-Doctoral Dissertator

Martin Seligman Research Alliance 2002
 “Positive Psychology Dissertation Award”
 The goal of this award is to assist promising graduate students conduct positive psychology research.
 Role: Pre-Doctoral Dissertator

NIH/NIMH R01MH063852 (PI: Weissman) 2001-2003
 “Children of Depressed Mothers: a STAR*D Ancillary Study”
 The goal of this study is to study the impact of remission of maternal major depressive disorder on children’s psychiatric symptoms and social functioning.
 Role: Project Coordinator and Assessor

NICHD T32-HD40127 (PIs: Piven, Roberts) 2004-2006
 "Postdoctoral Research in Neurodevelopmental Disorders"
 The goal of this project is to train postdoctoral trainees for research in neurodevelopmental disorders.
 Role: Post-Doctoral Trainee

NIH/NCRR K12 RR023248-02 (PI: Orringer) 2007-2008 9.0 Calendar
 UNC Multidisciplinary Clinical Research Career Development Program
 This Roadmap K12 enables UNC to recruit a cohort of fellows and junior faculty members drawn from at least four disciplines, and prepare them for careers in multidisciplinary clinical research.
 Project Title: “Functional Neuroimaging of Psychopharmacologic Treatment for Autism”
 Role: Roadmap Scholar.

Current

- NIMH K23 MH081285 (PI: Dichter) 2008-2013 12.0 Calendar
“Functional Neuroimaging of Psychopharmacologic Treatment for Autism”
The goal of this project is to acquire training in (1) applications of functional magnetic resonance imaging (fMRI) for intervention research, (2) assessment of restricted and repetitive behaviors and executive function in autism, and (3) autism treatment outcome research to investigate the neural, symptomatic, and neuropsychological effects of citalopram treatment in high-functioning adults with autism.
- OVERLAP: The K23 covers 100% of Dr. Dichter’s salary. All funded grants have been assessed for scientific, effort, and budgetary overlap.*
- NIMH R21 MH085254 (co-PIs: Dichter & Benning) 2009-2011 2.4 Calendar
“Emotion-Modulated Psychophysiology of Autism Spectrum Disorders”
The goal of this exploratory grant is to investigate the core features of autism using emotion-modulated psychophysiological measures.
- Foundation of Hope for Research and Treatment of Mental Illness 2009-2011 0.0 Calendar
“Neural Correlates of Reward in Autism”
This grant provides support for fMRI studies of reward processing in individuals with autism.
- University of North Carolina at Chapel Hill Junior Faculty Development Award 2008 0.0 Calendar
“Psychophysiology of Children with Autism”
The goal of this project is collect pilot psychophysiology data from children with autism to assist with extramural grant applications.
- University of North Carolina at Chapel Hill University Research Council Award 2009-2011 0.0 Calendar
“fMRI Evaluation of Subclinical Depression”
The goal of this project is collect pilot fMRI data from individuals with subclinical depression to assist with extramural grant applications.
- NARSAD (PI: Dichter) 2008-2010 1.2 Calendar
Young Investigator Award
“Brain Activation Recovery Following Behavioral Therapy in Depression”
The goal of this project is to use Functional Magnetic Resonance Imaging (fMRI) to evaluate the effects of behavioral psychotherapy on affect regulation in unipolar major depression.
- The Dana Foundation (PI: Dichter) 2007-2010 1.2 Calendar
Functional Imaging Involving Patient-Oriented Clinical Research
“Functional Neuroimaging of Citalopram Treatment for Autism”
The goal of this project is to use functional neuroimaging to explore the potential mechanisms of action of citalopram-induced symptom reductions in autism.
- Autism Speaks (PI: Penn) 2007-2009 0.0 Calendar
Pilot Research Award
“Social Cognition and “Interaction Training for Adolescents with High Functioning Autism”
The goal of this treatment development award is to investigate a group-based cognitive behavioral intervention to improve social-cognitive functioning in adolescents with high-functioning autism (HFA).
Role: Co-investigator
- NARSAD (Co-Investigator; PI: Smoski) 2007-2009 0.0 Calendar

Young Investigator Award

"Brain Imaging of Psychotherapy for Depression in Older Adults"

This project uses functional magnetic resonance imaging to examine reward network reactivity before and after a course of behavioral activation treatment for geriatric depression.

Role: Co-investigator

UNC NDRC Pilot Imaging Awards (PI: Dichter) 2007,2008 0.0 Calendar

The goal of these awards are to acquire pilot data to support larger-scale neuroimaging research projects.

NARSAD (PI: Dichter) 2006-2009 1.2 Calendar

Young Investigator Award

"The neural influence of affective dysregulation on executive function in unipolar major depression"

The goal of this project is to use Functional Magnetic Resonance Imaging (fMRI) to characterize the influence of affective dysregulation on executive function in unipolar major depression.

NIMH R03 MH078145 (PI: Dichter) 2006-2009 1.2 Calendar

"Reward System Recovery Following Behavioral Activation Therapy in Depression"

The goal of this project is to use Functional Magnetic Resonance Imaging to investigate the effects of behavioral activation therapy on the integrity of reward systems in unipolar major depression.

Pending:

NIMH R01 (co-PIs: Dichter & Bodfish) 2009 -2014 4.0 Calendar

"Restricted Repetitive Behaviors in Autism"

The goals of this project are to evaluate whether the Circumscribed Interest subtype of repetitive behaviors are unique to autism and whether Circumscribed Interests are associated with alterations in cognitive-affective processes involved in the processing of rewards in autism.

Teaching Assistantships

Course: Social Psychology, Vanderbilt University,

Fall, 1998

Course: Introduction to Psychology, Vanderbilt University,

Spring, 1999

Professional Service

Reviewer: *Autism Speaks, Biological Psychiatry, Biological Psychology, Cerebral Cortex, Genes, Brain and Behavior; International Journal of Psychophysiology, Journal of Neural Transmission, Psychophysiology; Neuropsychologia; Neuropsychopharmacology, Neuroscience Letters*

NIH Study Sections:

10 ZRG1 BBBP-J 58 R, RFA-OD-09-003: Challenge Grants Panel 5

10 ZRG1 BBBP-L (58) Center for Scientific Review Special Emphasis Panel

10 ZMH1 ERB-S (A1) ARRA Autism Review #1

10 ZMH1 ERB-B (A1) ARRA Autism Review #2

10 ZMH1 ERB-C (A1) ARRA Autism Review #3

Local Committees/Administrative:

2006-present	Member, Scientific Review Committee, Brain Imaging and Analysis Center, Duke University
2007-present	Co-Chair, UNC Neurodevelopmental Disorders Research Center (NDRC) Investigator Forum Search Committee
2008-present	Duke University Medical School Admissions Interviewer

Membership in Professional Associations:

Society for Neuroscience	2004-present
American Psychological Association	1997-present
American Psychological Society	1997-present

Submitted Manuscripts

- 1) **Dichter, G.S.**, Felder, J.N., Smoski, M. (*submitted*); The Effects of Brief Behavioral Activation Therapy for Depression on Cognitive Control in Affective Contexts: an fMRI investigation.
- 2) **Dichter, G.S.**, Green, S.R., Felder, J.N., Bodfish, J.W. (*submitted*); Reward Network Activation to Nonsocial Salience in Autism.
- 3) Sasson, N.J., Elison, J.T., Turner-Brown, L.M., **Dichter, G.S.**, Bodfish, J.W. (*submitted*); Circumscribed Attention in Toddlers with Autism.
- 4) **Dichter, G.S.**, Smoski M.D, Kampov-Polevoy, A.B., Gallup, R.E, Garbutt, J.C., (*submitted*) Unipolar Depression Does Not Moderate Responses to the Sweet Taste Test.
- 5) Felder, J.N., Smoski, M.J., Koznik, V. Froeliger, B., McClernon, J., Petty, C., Bizzell, J., **Dichter, G.S.** (*submitted*); fMRI Investigation of Reward Processing, Emotion Regulation, and Resting State Brain Activity in Subclinical Depression.
- 6) Turner-Brown, L.M., Lam, K.S.L, Holtzclaw, T.N., **Dichter, G.S.**, & Bodfish, J.W. (*submitted*); Circumscribed Interests in High Functioning Children with ASD
- 7) **Dichter, G.S.**, Felder, J., Sikich, L., Mahorney, S., & Bodfish, J.W. (*submitted*); fMRI Activation Change Tracks Medication-Induced Reductions in Repetitive Behaviors in Autism: Two Case Studies.

Peer-Reviewed Publications

- 1) **Dichter, G.S.**, Benning, S.B., Holzclaw, T., Bodfish, J. (2009; *in press*); Affective Modulation of the Startle Eyeblink and Postauricular Reflexes in Autism Spectrum Disorder; *Journal of Autism and Developmental Disorders*.
- 2) **Dichter, G.S.**, Radonovich, K.J., Turner-Brown, LM., Lam, K.S.L., Holtzclaw, T. & Bodfish, J.W. (2009; *in press*); Performance of Children with Autism Spectrum Disorders on the Dimension-Change Card Sort Task; *Journal of Autism and Developmental Disorders*.
- 3) **Dichter, G.S.**, Felder, J.N., Petty, C., Bizzell, J., Ernst, M.E., Lynch, T.R., & Smoski, M.J. (2009); The Effects of Psychotherapy on Neural Responses to Rewards in Major Depression; *Biological Psychiatry*; 66(9):886-97. PMID: [19726030](#).
- 4) **Dichter, G.S.**, Felder, J.N., & Bodfish, J.W. (2009); Autism is Characterized by Dorsal Cingulate Hyperactivation during Social Target Detection; *Social, Cognitive, and Affective Neuroscience*. 4(3):215-26. PMID: [19574440](#).
- 5) **Dichter, G.S.**, Lam, K.S.L., Turner-Brown, L., Holtzclaw, T. & Bodfish, J.W. (2009); Generativity Abilities Predict Communication Deficits but not Repetitive Behaviors in Autism Spectrum Disorders; *Journal of Autism and Developmental Disorders*; 39(9) 1298-1304. PMID: [19396536](#).

- 6) Smoski, M.J., Felder, J., Bizzell, J., Green, S.R., Ernst, M.E., Lynch, T.R., **Dichter, G.S.** (2009); fMRI of Alterations in Reward Selection, Anticipation, and Feedback in Major Depressive Disorder; *Journal of Affective Disorders*; 118(1-3) 69-78. PMID: [19261334](#).
- 7) **Dichter, G.S.**, Bellion, C, Casp, M & Belger, A (2009); Impaired Modulation of Attention and Emotion in Schizophrenia; *Schizophrenia Bulletin*. PMID: [18843096](#).
- 8) **Dichter, G.S.**, Felder, J., Bodfish, J., Sikich, L. & Belger, A (2009); Mapping Social Target Detection with fMRI; *Social Cognitive and Affective Neuroscience*; 4(1):59-69. PMID: [19015088](#).
- 9) **Dichter, G.S.**, Felder, J., Smoski, M. (2009); Affective Context Interferes with Cognitive Control in Unipolar Depression: An fMRI Investigation; *Journal of Affective Disorders*. 114, 131-142. PMID: [18706701](#).
- 10) Turner- Brown, L., Perry, T., **Dichter, G.S.**, Bodfish, J.W. & Penn, D (2009). Feasibility of Social Cognition and Interaction Training for Adults with High Functioning Autism; *Journal of Autism and Developmental Disability*; Oct;38(9):1777-84. PMID: [18246419](#).
- 11) **Dichter, G.S.** & Belger, A (2008); Atypical Modulation of Cognitive Control by Arousal in Autism; *Psychiatry Research: Neuroimaging*; 164(3): 185-97.. PMID: [18954965](#).
- 12) **Dichter, G.S.** & Tomarken ([2008](#)). The Chronometry of Affective Startle Modulation in Unipolar Depression; *Journal of Abnormal Psychology*, Feb;117(1):1-15. PMID: [18266482](#)
- 13) Shafritz, K., **Dichter, G.S.**, Belger, A (2008); The neural circuitry mediating shifts in behavioral response and cognitive set in autism, *Biological Psychiatry*, May: 63(10) 974-80 . PMID: [17916328](#).
- 14) **Dichter, G.S.** & Belger, A (2007); Social Stimuli Interfere with Cognitive Control in Autism; *NeuroImage*, 35: 1219-1230. PMID: [17321151](#)
- 15) Belger, A. & **Dichter, G.S.** (2006). Structural and Functional Neuroanatomy of Schizophrenia. In J. A. Lieberman, S. Stroup & D. Perkins, (Eds.), American psychiatric publishing textbook of schizophrenia. Arlington, VA: American Psychiatric Publishing.
- 16) **Dichter, G.S.**, van der Stelt, O., Boch, J.L., Belger, A. (2006). Relations among Intelligence, Executive Function, and P300 Event Related Potentials in Schizophrenia. *Journal of Nervous and Mental Diseases*, 194(3):179-87. PMID: [16534435](#)
- 17) **Dichter, G.S.**, Tomarken, A.J., Freid, C.M., Addington, S., Shelton, R.C. (2005). Do Venlafaxine XR and Paroxetine equally influence negative and positive affect? *The Journal of Affective Disorders*, 85(3): 333-339. PMID: [15780704](#)
- 18) Tomarken, A.J., **Dichter, G.S.**, Garber, J., Simien, C. (2004). Resting frontal brain activity: linkages to maternal depression and socio-economic status among adolescents. *Biological Psychology*, 67(1-2), 77-102. PMID: [15130526](#)
- 19) **Dichter, G.S.**, Tomarken, A.T., Shelton, R., Sutton, S.K. (2004). Early- and Late-Onset Startle Modulation in Unipolar Depression. *Psychophysiology*, 41(3):433-40. PMID: [15102129](#)
- 20) Tomarken, A, **Dichter, G.S.**, Freid, C., Addington, S., Shelton, R.C. (2004). Assessing the Effects of Bupropion SR on Mood Dimensions of Depression. *The Journal of Affective Disorders*, 78(3), 235-241. PMID: [15013248](#)
- 21) Zald, D.H., Boileau, I., El-Dearedy, W., Gunn, R., McGlone, F., **Dichter, G.S.**, Dagher, A. (2004). Dopamine transmission in the human striatum during monetary reward tasks. *J Neurosci*. 24(17):4105-12. PMID: [15115805](#)

- 22) **Dichter, G.S.**, Tomarken, A.J., Baucom, B. (2002). Startle Modulation Before, During, and After Exposure to Emotional Stimuli. *International Journal of Psychophysiology*, 43, 191-196. PMID: [11809522](#)
- 23) Luber, B., Nobler, M., Moeller, J.R., Katzman, G.P., Prudic, J., Devanand, D.P., **Dichter, G.S.**, Sackeim, H.A. (2000). Quantitative EEG during seizures induced by electroconvulsive therapy: relations to treatment modality and clinical features. II. Topographic analyses. *Journal of ECT*, 16(3), 229-243. PMID: [11005044](#)
- 24) Nobler, M.S., Luber, B., Moeller, J.R., Katzman, G.P., Prudic, J., Devanand, D.P., **Dichter, G.S.**, Sackeim, H.A. (2000). Quantitative EEG during seizures induced by electroconvulsive therapy: relations to treatment modality and clinical features. I. Global analyses. *Journal of ECT*, 16(3), 211-228. PMID: [11005043](#)
- 25) Tomarken, A.J., **Dichter, G.S.**, Pendergrass, J.C. (1999). Psychological Assessment. In D. Levinson, J. J. Ponzetti & P. F. Jorgensen (Eds.), *Encyclopedia of Human Emotions* (Vol. 2, pp. 545-551). New York: Macmillan.
- 26) **Dichter** GS, Brunelli SA, Hofer, MA (1996). Elevated plus-maze behavior in adult offspring of selectively bred rats. *Physiology & Behavior*, 60(1), 299-304. PMID: [8804680](#)

Non Peer-Reviewed Publications

- 1) **Dichter, G.S.**, Felder, J., Smoski, M. (2008); Effects of Psychotherapy on Brain Function; *Psychiatric Times*; Sept 1; 25(10).
- 2) **Dichter, G.S.** (2008); How Psychotherapy Changes the Brain; *LA Psychiatrist*.

Media Presentations

- 1) Featured in QUEST TV story, "Illuminating Depression." Original Air Date: Tuesday, Sep 22, 2009.

Published Abstracts

- 1) Lisanby, S. H., Luber, B., Finck, D., Osman, M., Dichter, G. S., Fitzsimons, L., et al. (1997). Primate models of transcranial magnetic stimulation (TMS) effects. Society of Biological Psychiatry Annual Meeting Abstract.
- 2) Lisanby, S. H., Luber, B., Osman, M., Finck, D., Dichter, G. S., Fitzsimons, L., et al. (1997). The effect of pulse width on seizure threshold during electroconvulsive stimulation (ECS). Association for Convulsive Therapy Scientific Program Abstract.
- 3) Nobler, M., Luber, B., Dichter, G. S., Katzman, G. P., Prudic, J., Devanand, D. A., et al. (1997). Effects of ECT electrode placement and stimulus dose on quantitative ictal EEG. Society of Biological Psychiatry Annual Meeting Abstract.
- 4) Brunelli, S. A., Brooks, S. O. P., Dichter, G. S., & Hofer, M. (1994). Two generations of selective breeding for ultrasonic vocalizations: Preliminary results. Annual Meeting of the International Society for Developmental Psychobiology Abstract.

Research Presentations

- 1) Holtzclaw, T , **Dichter, G.S.**, Lam, K.S.L., Turner-Brown, L., & Bodfish, J.W. (2009, May); Generativity Abilities Predict Communication Deficits but not Repetitive Behaviors in Autism Spectrum Disorders. International Meeting for Autism Research, Chicago, Ill.
- 2) Smoski, M.J., Felder, J., Bizzell, J., Green, S.R., Ernst, M., Lynch, T.R., & Dichter, G.S. (2009, May). Neuroimaging of Reward Processes in Major Depressive Disorder. Paper presented at Research Career Day, Duke University Medical Center, Durham NC.
- 3) Holtzclaw, T.N., Dichter, G.S., Lam, K.S.L., Turner-Brown, L.M., & Bodfish, J.W (February, 2009). Generativity Abilities Predict Communication Deficits but Not Repetitive Behaviors in Autism Spectrum Disorder, The Alabama Autism Conference.
- 4) Perry, T., Turner- Brown, L., Dichter, G.S., Roberts, D, Bodfish, J.W. & Penn, D (May, 2008). A Pilot Study of Social Cognition Training for Adults with High-Functioning Autism: Implications for Measuring Clinical Change. International Meeting for Autism Research, London, England.
- 5) Carpenter, K., Dichter, G.S., & Belger, A. (May, 2008). Functional Neuroimaging of Social and Executive Processing in Individuals with High Functioning Autism. Society of Biological Psychiatry. Abstr 612.
- 6) Perry, T., Turner- Brown, L., Dichter, G.S., Roberts, D, Bodfish, J.W. & Penn, D (November, 2007). A Pilot Study of Social Cognition Training for Adults with High-Functioning Autism (SCIT-A). Association for Behavioral and Cognitive Therapies Convention, Philadelphia, PA.
- 7) Turner-Brown, L., Dichter, G.S., Roberts, D, Perry, T., Bodfish, J.W. & Penn, D. (May, 2007). Feasibility Of Social Cognition and Interaction Training For Adults With High Functioning Autism (SCIT-A). International Meeting for Autism Research, Seattle, Washington.
- 8) Dichter, G.S. & Belger, A. (May, 2007). Atypical modulation of cognitive control by arousal in autism. UNC Radiology-BRIC Research Symposium, Chapel Hill, North Carolina.
- 9) Dichter, G.S. & Belger, A. (October 2006). Emotion-attention interactions in schizophrenia: an fMRI investigation. Talk presented at Society for Neuroscience, Atlanta, GA.
- 10) Carter, J.D., Dichter, G.S., Kim, C. & Belger, A. (June, 2006). A mixed design fMRI paradigm to investigate both transient and sustained aspects of executive processing in schizophrenia. Twelfth Annual Meeting of the Organization for Human Brain Mapping, Florence, Italy.
- 11) Dichter, G.S., Hills, K., Belger, A (May 2006). Social Stimuli Interfere with Cognitive Control in Autism. 22nd Radiology Research Symposium, Chapel Hill, North Carolina.
- 12) Dichter, G.S. & Belger, A. (November 2005). Deficits in executive function but not gaze processing in autism. Talk presented at Society for Neuroscience, Washington, DC.
- 13) Dichter, G. S., Tomarken, A. J., Shelton, R. C., Sutton, S. K., Freid, C. M., & Bukenya, D. S. (June 2002). Affective Startle Modulation Before and After Antidepressant Treatment with Bupropion SR. New Orleans, Louisiana: Poster presented at the annual meeting of American Psychological Society.

- 14) Zald, D.H., El-Deredy, W., Boileau, I., Gunn, R., McGlone, F., Dichter, G.S., Dagher, A. (2002). Measurement of Dopamine Release during Expected and Unexpected Reward. Poster presented at the annual meeting of NeuroImaging and Human Brain Mapping.
- 15) Dichter, G.S. (October, 2001). An Introduction to Functional Magnetic Resonance Imaging (fMRI) Research in the Investigation of Unipolar Depression. Invited talk presented at the Annual Meeting of the Tennessee Psychological Association, Nashville, TN.
- 16) Dichter, G. S., Tomarken, A. T., Shelton, R. C., Freid, C., & Addington, S. (May 2001). Effects of Bupropion SR on dimensions of mood. New Orleans, Louisiana: Poster presented at the annual meeting of The American Psychiatric Association.
- 17) Salomon, R.M., Dichter, G.S., Morgan, V.L., Price, R.R., Kessler, R., Pickens, D.R., Wushensky, C. (May, 2001). Coherence Differences In Depression: An fMRI Investigation. Poster presented at the annual meeting of The Society of Biological Psychiatry, New Orleans, Louisiana.
- 18) Dichter, G.S. (November, 2000). The Use of Startle-Probe Methodology to Evaluate Psychopharmacological Treatment for Depression. Invited talk presented at the Annual Meeting of the Tennessee Psychological Association, Nashville, TN.
- 19) Dichter, G.S., Tomarken, A.T., Garber, J., and Simien, C. (June, 1999). Socioeconomic Status Predicts Frontal Brain Asymmetry Among High- and Low-Risk Adolescents. Poster presented at the 11th annual convention of the American Psychological Society Meeting, Denver, CO.
- 20) Dichter, G.S., Tomarken, A.J., Garber, J., Simien, C., Pendergrass, J.C. (August, 1999). Frontal Brain Asymmetry Predicts Severity of Maternal Depression and Family Markers of Psychopathology. Poster presented at the 107th annual convention of the American Psychological Association, Boston, MA.

Invited Workshops, Colloquia, and Lectures:

2009

- 1) UNC-CH Translational Seminar in Cognitive and Clinical Neuroscience (UNC NBIO 745)
- 2) UNC-CH Interdisciplinary Autism Research Seminar (UNC SPHS 897)
- 3) UNC Autism Forum
- 4) T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine
- 5) Duke-UNC Brain Imaging and Analysis Center (BIAC) Post-Baccalaureate Didactic Seminar
- 6) UNC-CH Developmental Psychology Lunch Series

2008

- 1) TEACCH International Winter Inservice; Hosted by UNC-CH Division TEACCH
- 2) TEACCH Winter Inservice; Hosted by UNC-CH Division TEACCH
- 3) T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine.

2007

- 1) UNC Center of Excellence for Research and Treatment of Bipolar Disorders Seminar Series
- 2) Clinical Psychology Graduate Seminar, Department of Psychology, UNC-CH.
- 3) T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine.

2006

- 1) Biological Psychology Graduate Seminar, Department of Psychology, UNC-CH.
- 2) Clinical Psychology Intern's Research Seminar, UNC Division TEACCH, UNC-CH.
- 3) Clinical Psychology Intern's Research Seminar, Durham Veteran's Affairs Medical Center.
- 4) T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine.
- 5) Neuroscience Center Tuesday Mini-Series, UNC-CH.

2005: T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine.

2004 : T32 Post-doctoral seminar: Gene-Brain-Behavior Interactions in Neurodevelopmental Disorders; UNC-CH School of Medicine.

Supervisees

Research Assistants:

- 1) 2009-present: **Alison Rittenberg, B.A.**, BIAC Post-Baccalaureate, (functional neuroimaging, psychiatric assessment, neuropsychological assessment).
- 2) 2007-2009: **Jennifer Felder, B.A.**, BIAC Post-Baccalaureate, (functional neuroimaging, psychiatric assessment, neuropsychological assessment).
- 3) 2008-present: **Betty Rupp, B.A.**; Project Coordinator, *Social Cognition Interaction Training for Autism (SCIT-A)*.
- 4) 2007-2008: **Tia Stevens, B.A.** (psychophysiology; neuropsychology).
- 5) 2005-2008: **Justin Woodleaf, B.S.** (functional neuroimaging).
- 6) 2004-2007: **Cy Kim, B.S.** (functional neuroimaging).

Trainees:

- 1) 2009-present: **John "Tony" Richey, PhD**, Postdoctoral Fellow in functional neuroimaging of neurodevelopmental disorders (funded via T32-HD40127).
- 2) 2009-present: **Joey Aloï**, UNC-CH sophomore psychology major.
- 3) 2009-present: **Andrei Stefanescu**, UNC-CH sophomore math major.
- 4) 2009: **David Barranger**, rising senior at Wesleyan University, summer internship in functional neuroimaging.
- 5) 2009: **Margaret Shaffer**, rising senior at Emory University, summer internship in functional neuroimaging.
- 6) 2008-present: **Antoinette Sabatino, B.A.**, UNC-CH Development Psychology Graduate Student (primary advisor); funded via H325D070011, "Preparing SLPs, Occupational Therapists, Early Childhood Special Educators, and Developmental Psychologists For Leadership Roles in Teaching, Research, and Service Focused on Young Children with Autism and Their Families."
- 7) 2008-present: **Stacy Greeter, M.D.**, Scott Neil Schwirck Fellowship (Mentor) and Howard Hughes Medical Institute Fellowship (Mentor).
- 8) 2009: **Faraaz Khan**, Independent Study Honors Student, UNC-CH
- 9) 2007: **Mary Beth Nebel, B.S.** Graduate Student, UNC-CH Department of Biomedical Engineering (Dissertation Committee).
- 10) 2007-present: **Joseph Franklin, B.A.**, Graduate Student, UNC-CH Clinical Psychology Graduate Student (Master's committee).
- 11) 2006-present: **Kimberly Hills, B.A.**, Graduate Student, UNC Program in Neurobiology (Dissertation Committee).

- 12) 2007: **Jeffrey Sibrack**, UNC pre-medical student, summer intern.
- 13) 2004-2005: **Stephanie Aldebot**, Independent Study Honors Student.

Contact Information for References:

Joseph Piven, M.D., Director, Carolina Institute for Developmental Disabilities (CIDD)
Sarah Graham Kenan Professor, Departments of Psychiatry, Pediatrics, and Psychology
Director, UNC Neurodevelopmental Disorders Research Center, UNC-CH
UNC-CH School of Medicine
4115 Bioinformatics Bldg., Mason Farm Rd.
CB# 3366, UNC Chapel Hill
Chapel Hill, NC 27599-3366
Phone: 919-843-8641
Email: jpiven@med.unc.edu

James Bodfish, Ph.D., K23 mentor
Professor, Department of Psychiatry, UNC-CH School of Medicine
Associate Director, UNC Neurodevelopmental Disorders Research Center, UNC-CH
CB #7160, UNC Chapel Hill
Chapel Hill, NC 27599
Phone: 828-438-6518
Email: Jim.Bodfish@CIDD.UNC.EDU

Allen Song, Ph.D.
Director, Duke-UNC Brain Imaging and Analysis Center (BIAC)
Professor of Radiology, Psychiatry, Neurobiology and Biomedical Engineering
Duke University School of Medicine
PO Box 3918
Durham, NC 27710
Email: allen.song@duke.edu

Andrew J. Tomarken, Ph.D., Graduate Faculty Advisor
301 Wilson Hall
Vanderbilt University
Nashville, TN 37203
Phone: 615-322-4177
Fax: 615-3463-8449
Email: Andrew.J.Tomarken@Vanderbilt.edu