

EMORY UNIVERSITY SCHOOL OF MEDICINE STANDARD CURRICULUM VITAE FORMAT

Revised: [07/18/16]

1. Name: Charles F. Gillespie, MD, PhD
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3. E-mail Address: cgilles@emory.edu
4. Citizenship: United States Citizen
5. Current Titles and Affiliations:
 - a. Academic Appointments:
 - i. Primary Appointments:
Assistant Professor, Department of Psychiatry and Behavioral Sciences, Emory University School of Medicine; 2007 - Present
Scientific Affiliate, Emory University Psychoanalytic Institute; 2011 - Present
 - b. Clinical Appointments:
Staff Physician, Emory Clinic, Emory University; 2006 - Present
Staff Physician, Emory University Hospital, Emory University; 2006 - Present
Staff Physician, Grady Memorial Hospital, Emory University; 2006 - Present
Staff Physician, Wesley Woods Hospital, Emory University; 2006 - Present
Staff Physician, Emory University Hospital - Midtown, Emory University; 2013 - Present
 - c. Other Administrative Appointments:
Associate Director of Medical Student Education, Department of Psychiatry and Behavioral Sciences, Emory University School of Medicine; 2012 - Present
6. Previous Academic and Professional Appointments:
Instructor, Department of Psychiatry and Behavioral Sciences, Emory University School of Medicine; 2006 - 2007
7. Licensures/Boards:
Georgia Comprehensive Board of State Medical Examiners, 2004-present, Exp. 08/31/17
8. Specialty Boards:
Diplomate in Psychiatry, American Board of Psychiatry and Neurology, 06/08-12/31/18
9. Education:
1985 – 1988, Bachelor of Arts, University of Georgia
1991 – 1994, Master of Arts, University of Georgia
1994 – 1998, Doctor of Philosophy, Georgia State University
1998 – 2002, Doctor of Medicine, Medical College of Georgia
10. Postgraduate Training:
2002-2006, Internship and Residency in General Psychiatry, Emory University Affiliated Hospitals, Atlanta, Georgia, Miles K. Crowder, MD

11. Committee Memberships:

- a. Institutional:
Medical Student Progress and Promotions Committee, 2007-present
- b. Departmental:
Residency Admissions Committee, 2010-2012
Call Committee, 2014-present

12. Peer Review Activities:

a. Grants:

- i. National and International:
External Reviewer, Biotechnology and Biological Sciences Research Council, United Kingdom, 1998

Temporary Member, Special Emphasis-Research on Gulf War Veteran's Illnesses, Biomedical Research C Integrated Review Group, Office of Research & Development, Dept. of Veterans Affairs, 2012

Member, National Center for Complementary and Integrative Health Special Emphasis Panel, ZAT1 SM (41), Mind and Body Interventions, 04/08/2016
- ii. Institutional:
Scientific Advisory Committee, Atlanta Clinical & Translational Science Inst., 2009-present
KL2 Review Committee, Atlanta Clinical & Translational Science Inst., 2015-present

b. Manuscripts:

American Journal of Preventive Medicine, 2014
American Journal of Psychiatry, 2016
Biological Psychiatry, 2011-2012
General Hospital Psychiatry, 2015
Harvard Review of Psychiatry, 2015
Hormone and Metabolic Research, 2011
Journal of Affective Disorders, 2011-2012
Journal of Psychiatric Research, 2013, 2015-present
Journal of Psychosomatic Research, 2011
Neuropharmacology, 2013
Neuropsychopharmacology, 2011-2013
PLOS ONE, 2011
Psychiatric Research, 2011
Psychological Medicine, 2014
Psychoneuroendocrinology, 2014-present
Psychopharmacology, 2012-2013
World Journal of Biological Psychiatry, 2011

13. Editorships and Editorial Boards

Clinical Psychological Science, 2016-present
Frontiers in Psychiatry (Molecular Psychiatry), 2016-present

14. Honors and Awards:

American Psychoanalytic Association Fellowship, 2004
APIRE & Wyeth MD/PhD Research Fellowship, 2006
Travel Award, Society for Biological Psychiatry, 2007
Honorary Member, Class of 2013 Osler Society, Emory University School of Medicine, 2011
Teacher of the Year Award, Emory General Psychiatry Residency Class of 2011, 2011
Educator of the Year Award, Department of Psychiatry and Behavioral Sciences, Emory University, 2012
Fellow, American Psychiatric Association, 2013
Kujichagulia Award, Emory Chapter, Student National Medical Association, 2015

Associate Member, American College of Neuropsychopharmacology, 2016

15. Society Memberships:

American College of Neuropsychopharmacology
American Diabetes Association
American Psychiatric Association
Anxiety and Depression Association of America
Georgia Psychiatric Physicians Association
Society of Biological Psychiatry

16. Formal Teaching:

a. Medical Student Teaching:

Course Director, 2007, Human Behavior & Psychopathology
Course Director, 2008-present, Neuroscience II
Course Co-Director (2008-2011), Neural Function
Course Co-Director (2009-present), Human Development

b. Graduate Programs:

i. Residency Programs:

Lecturer, General Psychiatry Residency, Evidence-Based Psychiatry, 2011-present
Lecturer, General Psychiatry Residency, Antidepressant Psychopharmacology, 2011-present
Lecturer, General Psychiatry Residency, Hypothalamic-Pituitary-Adrenal Axis, 2008-present

ii. Fellowship Programs:

Lecturer, Child & Adolescent Psychiatry Fellowship, Evidence-Based Psychiatry, 2015-present
Lecturer, Child & Adolescent Psychiatry Fellowship, Post-traumatic Stress Disorder, 2015-present
Lecturer, Geriatric Psychiatry Fellowship, Evidence-Based Psychiatry, 2014-present

iii. Master's and PhD Programs:

Lecturer, Emory CAMP Clinical Psychology Internship Didactics, Psychopharmacology, 2014-present
Lecturer, Emory IBS 506 Basic Mechanisms of Neurological Diseases, 2015-present

c. Other:

Oakstone Psychiatry Board Review Course, Psychological Trauma and PTSD, 2010-2014
American Psychiatric Association, Master Review Course, 2015-present
American Psychiatric Association, Research Colloquium for Junior Investigators, 2016
The Paideia School, Neuroscience Course, 2016

17. Supervisory Teaching:

a. Postdoctoral Fellows Directly Supervised:

Vasiliki Michopoulos, PhD, 2015-16, Instructor, Emory University School of Medicine

b. Residency Program:

Ricardo Caceda, MD, PhD, Assistant Professor, University of Arkansas SOM
Aaron Godwin, MD, Hillside Hospital, Atlanta, GA
Nisha Chande, MD, Private Practice, Atlanta, GA
Clem Pollydore, MD, Assistant Professor, Emory University SOM
Bakari Vickerson, MD, Assistant Professor, Morehouse University SOM
Lisa Madsen, MD, Private Practice, Austin, Texas
Kristin Jones, MD, Assistant Professor, Baylor University SOM
Martha Ryan, MD, Assistant Professor, Emory University SOM
Jill Silbiger, MD, Private Practice, Atlanta, Georgia
Bruce Hill, MD, Staff Psychiatrist, VA Medical Center, Washington, D.C.
Arshya Vahabzadeh, MD, Instructor, Harvard University
Andrea Crowell, MD, Clinical Fellow, Emory University
Nancy Martin, MD, Private Practice, Albuquerque, NM

- c. Undergraduate and Medical Students:
 - Liana Meffert, Neuroscience and Behavioral Biology, BA with Full Honors, 2016
 - Joseph Wilson, Emory University School of Medicine, MD, 2016
 - d. Thesis Committees:
 - Carla Moore, Nutrition and Health Sciences, Emory University, 2014
 - Colleen Cowperthwaite, Clinical Psychology, Emory University, 2016
18. Invitations to National/International, Regional, and Institutional Conferences:
- a. National and International:
 - Presenter, Sex-Dependent Effects of Traumatic Stress Exposure on Psychiatric and Medical Illness. Psychological Stress and the Heart, Atlanta, GA, October 18th, 2013
 - Discussant, Inflammation: A Risk Factor and Potential Therapeutic Target for PTSD and Depression. Anxiety and Depression Association of America, April 2nd, 2016
 - b. Regional:
 - Anxiety Disorders: Update on Classification, Psychobiology, and Evidence-Based Treatment, Georgia Psychiatric Physicians Association, Atlanta, GA, February 20th, 2015
19. Abstract Presentations at National/International, Regional, and Institutional Conferences:
- a. National and International:
 1. **Gillespie CF***, Binder EB, Tang YL, Berg T, Liu W, Bradley RG, Ressler KJ, Cubells, JF (2007) Linkage disequilibrium (LD) structure of the cholecystokinin-B receptor gene (*CCKBR*) in European-American (EA) and African-American (AA) subjects. Presented at the 62nd Annual Meeting of the Society of Biological Psychiatry, San Diego, CA, 2007 (poster presentation).
 2. Ressler KJ*, Binder EB, Bradley RG, Tang Y, Liu W, **Gillespie CF**, Heim CM, Schwartz A, Nemeroff CB, Cubells, JF *CRHR1* haplotypes moderate effects of early life stress (ELS) on adult depression. Presented at the 62nd Annual Meeting of the Society of Biological Psychiatry, San Diego, CA, 2007 (poster presentation).
 3. **Gillespie CF***, Bradley RG, Liu W, Epstein MR, Deveau TC, Tang Y, Heim CM, Nemeroff CB, Schwartz AC, Cubells JF, Ressler KJ, Binder EB Risk for adult post-traumatic stress disorder is predicted by child abuse and *FKBP5*, a gene regulating stress-responsiveness. Presented at the 63rd Annual Meeting of the Society of Biological Psychiatry, Washington, DC, 2008 (poster presentation).
 4. Weiss TE*, **Gillespie CF**, Jones H, Schwartz A, Woodworth M, Umpierrez G, Cubells JF, Bradley RG, Ressler KJ Abnormal lipid metabolism in patients with PTSD identified in a general medical clinic. Presented at the 63rd Annual Meeting of the Society of Biological Psychiatry, Washington, DC, 2008 (poster presentation).
 5. **Gillespie CF***, Bradley RG, Mercer K, Smith AK, Conneely K, Gapen M, Weiss T, Schwartz AC, Cubells JF, Ressler KJ Trauma exposure and stress-related disorders in inner city primary care patients. Presented at the 64th Annual Meeting of the Society of Biological Psychiatry, Vancouver, Canada, 2009 (poster presentation).
 6. Ressler KJ*, Bradley B, **Gillespie CF**, Cubells J, Nemeroff CB, Binder E Polymorphisms in *CRHR1* moderate the effects of 5-HTTLPR x child abuse interactions on adult depression. Presented at the 64th Annual Meeting of the Society of Biological Psychiatry, Vancouver, Canada, 2009 (poster presentation).
 7. Tang YL*, Li WB, Mercer K, Bradley B, **Gillespie CF**, Bonsall R, Ressler KJ, Cubells JF Genotype-controlled analysis of plasma dopamine beta-hydroxylase activity in civilian post-traumatic stress disorder. Presented at the 65th Annual Meeting of the Society of Biological Psychiatry, New Orleans, LA, 2010 (poster presentation).
 8. Smith AK*, Kilaru V, Conneely KN, **Gillespie CF**, Mercer KB, Weiss TE, Bradley-Davino B, Tang Y, Cubells JF, Ressler, KJ Association between DNA methylation patterns and total life stress in inner city primary care patients. Presented at the 65th Annual Meeting of the Society of Biological Psychiatry, New Orleans, LA, 2010 (poster presentation).

9. Myers A*, Ressler KJ, Bradley B, Mercer K, Deveau T, Smith A, **Gillespie CF**, Cubells J, Binder E, Nemeroff CB Fine-mapping of the corticotropin-releasing hormone receptor gene. Presented at 49th Annual Meeting of the American College of Neuropsychopharmacology, Miami Beach, FLA, 2010 (poster presentation).
10. **Gillespie CF***, Mercer K, Kerley K, Weiss T, Smith AK, Bradley B, Phifer J, Schwartz AC, Tang YL, Cubells JF, Binder EB, Ressler KJ Sex-dependent influence of a functional polymorphism in steroid 5-alpha-reductase type 2 (*SRD5A2*) on risk for post-traumatic stress disorder. Presented at the 66th Annual Meeting of the Society of Biological Psychiatry, San Francisco, CA, 2011 (poster presentation).
11. **Gillespie CF***, Almli LM, Bradley B, Mercer KB, Binder EB, Conneely KN, Cubells JF, Smith AK, Ressler KJ Sex Differences in PTSD: Dissociation of the roles of *SRD5A2* and *PACAP* in a highly traumatized civilian population. Presented at the 50th Annual Meeting of the American College of Neuropsychopharmacology, Waikoloa, HA, 2011 (poster presentation).
12. Norrholm SD, Jovanovic, Smith AK, Binder EB, Klengel K, Conneely K, Mercer KB, Davis J, Kerley K, Winkler J, **Gillespie CF**, Bradley B, Ressler KJ Genetic and epigenetic regulation of catechol-o-methyl-transferase (*COMT*) are associated with impaired fear inhibition in PTSD. Presented at the 51st Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FLA, 2012 (poster presentation).
13. Tang YL*, **Gillespie CF**, Davis T, Ressler KJ, Bradley B Substance use and PTSD symptomatology in a traumatized urban clinical sample. Presented at the 68th Annual Meeting of the Society of Biological Psychiatry, San Francisco, CA, 2013 (poster presentation).
14. Neigh G*, Jovanovic T, Smith AK, Almli L, **Gillespie CF**, Kilaru V, Harrell C, Ressler KJ *SLC2A1* polymorphism decreases incidence of PTSD and depression after trauma. Presented at 53rd Annual Meeting of the American College of Neuropsychopharmacology, Phoenix, AZ, 2014 (oral presentation).
15. Gluck R*, Powers A, Habib A, Ressler KJ, **Gillespie CF** Trauma exposure, psychopathology, and chronic medical illness in urban primary care patients. Presented at the Anxiety Disorders Association of America, Miami, FL, 2015 (poster presentation).
16. Wilson JG*, Powers A, Cross D, Bradley B, Ressler KJ, **Gillespie CF** Developmental timing of child abuse exposure and prevalence of adult depression and post-traumatic stress disorder. Presented at the Anxiety Disorders Association of America, Miami, FL, 2015 (poster presentation).
17. Tang Y*, Bradley B, Zebrowski J, Graham AW, **Gillespie CF**, Ressler KJ Alcohol Use, Childhood Trauma, and Post-traumatic Stress Disorder in a Large, Urban, Civilian Sample. Presented at the 70th Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2015 (poster presentation).
18. **Gillespie C***, Powers A, Gluck R, Wilson J, Dixon H, Munoz A, Michopoulos V, Umpierrez G, Ressler K, Jovanovic T, Pace T Associations between Increased C-Reactive Protein, Emotional Dysregulation, and Depression in a Sample of Trauma-Exposed African-American Women with Type 2 Diabetes Mellitus. Presented at 54th Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL, 2015 (poster presentation).
19. Dixon H*, V, Gluck R, Munoz A, Mendoza H, Meffert L, Wilson J, Powers A, Jovanovic T, Pace T, Umpierrez G, Bradley B, Ressler K, **Gillespie C** Trauma Exposure and Stress-Related Disorders in an Inner City Diabetes Clinic. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).
20. Meffert L*, Michopoulos V, Ressler K, Pace T, **Gillespie C** Emotional Dysregulation Predicts Psychoneuroimmunological Responses to Social Stress in Traumatized Women with Type 2 Diabetes. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).
21. Mendoza H*, Michopoulos V, Munoz A, Dixon H, Gluck R, Wilson J, Powers A, Ressler K, Bradley B, Pace T, **Gillespie C** increased Baseline and Stress-Induced NF-κB in Traumatized Women with PTSD and T2DM. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).

22. Meredith S*, Michopoulos V, **Gillespie C**, Ressler K, Bradley B Childhood Sexual Assault in a Sample of African American Men. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).

23. Mokrynska M*, Powers A, Michopoulos V, Dixon H, Gluck R, Ressler K, Bradley B, Umpierrez G, **Gillespie C** Associations between General Dissociative Symptoms and Inflammation in African American Women with Type 2 Diabetes Mellitus. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).

24. Neigh GN*, Jovanovic T, Smith A, Almli L, **Gillespie C**, Kilaru V, Harrell, Ressler K SLC2A1 Polymorphism Decreases Incidence of Depression and PTSD after Trauma. Presented at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA, 2016 (poster presentation).

20. Research Focus:

Individuals exposed to trauma experience high rates of stress-related psychiatric and medical disorders. My current research focuses on genetic mechanisms, environmental exposures, and pathophysiology that contribute to risk and clinical progression of these disorders.

21. Grant Support:

a. Active Support:

i. Federally Funded:

1. Principal Investigator, NIH/NIMH, "Stress-Related Psychobiology and Inflammation in Diabetic African-American Women", RO1 MH099211, \$1,250,000, 04/01/13-03/31/18

2. Co-Investigator, NIH/NIMH, "Biological Mechanisms of Stress Disorders Co-Morbid with HIV in African-American Women", R01 MH110364, \$1,250,000, 04/22/16-06/30/21

b. Previous Support:

1. Postdoctoral Trainee, NIDA, "Neurobiology of Drug Abuse", T32, 1/01/06-6/30/06

2. Principal Investigator, APIRE, "PTSD and the Genetics of the CCK-B Receptor", 07/01/06-06/30/07

3. Principal Investigator, NARSAD, "Trauma and the Genetics of the Brain-Derived Neurotrophic Factor System", 07/01/07-06/30/09

4. Principal Investigator, NIH/NIMH, "Trauma and the Genetics of the Endocannabinoid System, K23 MH0882256, 07/01/08-6/30/12

5. Co-Investigator, NIH/NCCAM, "Efficacy of Massage Therapy in the Treatment of Generalized Anxiety Disorder", R21 AT004208, (Rapaport, PI), 09/30/10-08/31/13

6. Co-investigator, NIH/NIMH, "The Emory-MSSM-GSK-NIMH Collaborative Mood and Anxiety Disorders Initiative", U19 MH069056, (Ressler, PI), 07/01/03-05/31/14

7. Co-Investigator, NIH/NIMH, "Genetic and Trauma-Related Risk Factors for PTSD", R01 MH071537 (Ressler, PI), 09/01/05-02/28/2015

22. Bibliography:

H-Index (Web of Science)-21

a. Published and Accepted Research Articles (clinical, basic science, other) in Refereed Journals:

1. Abel GG, Lawry SS, Karlstrom EK, Osborne CA, **Gillespie CF** (1994) Screening tests for pedophilia. *Criminal Justice and Behavior*, 21, 115-131.

2. Albers HE, **Gillespie CF**, Babagbemi TO, Huhman KL (1995) Analysis of the phase-shifting effects of gastrin-releasing peptide when microinjected into the suprachiasmatic region. *Neuroscience Letters*, 191, 63-66.

3. **Gillespie CF**, Huhman KL, Babagbemi TO, Albers HE (1996) Bicuculline enhances and muscimol

reduces the phase-delaying effects of light when microinjected into the suprachiasmatic region. *Journal of Biological Rhythms*, 11, 138-145.

4. Huhman KL, **Gillespie CF**, Marvel CL, Albers HE (1996) Neuropeptide Y phase shifts circadian rhythms *in vivo* via a Y-2 receptor. *Neuroreport*, 7, 1249-1252.

5. **Gillespie CF**, Mintz EM, Marvel CL, Huhman KL, Albers HE (1997) GABA_A and GABA_B agonists and antagonists alter the phase-shifting effects of light when microinjected into the suprachiasmatic region. *Brain Research*, 759, 181-189.

6. Mintz EM, **Gillespie CF**, Marvel CL, Huhman KL, Albers HE (1997) Serotonergic regulation of circadian rhythms in the Syrian hamster. *Neuroscience*, 79, 563-569.

7. Huhman KL, Marvel CL, **Gillespie CF**, Mintz EM, Albers HE (1997) Tetrodotoxin blocks NPY-induced but not muscimol-induced phase advances of wheel-running activity in Syrian hamsters. *Brain Research*, 772, 176-180.

8. **Gillespie CF**, Van Der Beek EM, Mickley NC, Mintz EM, Huhman KL, Albers HE (1999) GABAergic regulation of light-induced Fos expression within the suprachiasmatic nucleus. *Journal of Comparative Neurology*, 411, 683-692.

9. Mintz EM, Marvel CM, **Gillespie CF**, Price KM, Albers HE (1999) Activation of NMDA receptors in the suprachiasmatic nucleus produces light-like phase shifts of the circadian clock *in vivo*. *Journal of Neuroscience*, 19, 5138-5148.

10. Mintz EM, Jasnow AM, **Gillespie CF**, Huhman KL, Albers HE (2002) GABA interacts with the photic signalling pathway in the suprachiasmatic nucleus to regulate circadian phase shifts. *Neuroscience*, 109, 773-778.

11. Rausch JR, **Gillespie CF**, Jackson B, Fei Y, Stoming T, Leibach FH (2002) Antidepressant effects on kinase gene expression patterns in rat brain. *Neuroscience Letters*, 334, 91-94.

12. Mao P, Tang Y, Wang Z, Jiang F, **Gillespie CF**, Cai Z (2007) Antipsychotic drug use in 503 Chinese inpatients with schizophrenia. *International Journal of Psychiatry in Clinical Practice*, 11, 29-35.

13. Tang Y, **Gillespie CF**, Epstein M, Mao P, Jiang F, Chen Q, Cai Z (2007) Gender differences in 542 Chinese inpatients with schizophrenia. *Schizophrenia Research*, 97, 88-96.

14. Bradley RG, Binder EB, Epstein MP, Tang Y, Nair HP, Liu W, **Gillespie CF**, Berg T, Evces M, Heim CM, Nemeroff CB, Schwartz A, Cubells JF, Ressler KJ (2008) Influence of child abuse and trauma on adult depression is mediated by the corticotrophin-releasing hormone receptor gene. *Archives of General Psychiatry*, 65, 190-200. PMID: PMC2443704

15. Binder EB, Ressler KJ, Liu W, Epstein MP, Tang Y, **Gillespie CF**, Nemeroff CB, Schwartz A, Cubells JF, Bradley RG (2008) Risk for adult posttraumatic stress disorder is predicted by child abuse and *FKBP5*, a gene regulating stress-responsiveness. *Journal of the American Medical Association*, 299, 1291-1305. PMID: PMC2441757

16. **Gillespie CF**, Bradley B, Mercer K, Smith AK, Conneely K, Gapen M, Weiss T, Schwartz AC, Cubells JF, Ressler KJ (2009) Trauma exposure and stress-related disorders in inner-city primary care patients. *General Hospital Psychiatry*, 31, 505-514. PMID: PMC2785858

17. Ressler KJ, Bradley B, Mercer KB, Deveau TC, Smith AK, **Gillespie CF**, Nemeroff CB, Cubells JF, Binder EB (2010) Polymorphisms in CRHR1 and the serotonin transporter loci: Gene x Gene x Environment Interactions on depressive symptoms. *American Journal of Medical Genetics B: Neuropsychiatric Genetics*, 153B, 812-824. PMID: PMC2924813

18. Tang Y, Li W, Mercer KB, Bradley B, **Gillespie CF**, Bonsall R, Ressler KJ, Cubells JF (2010) Genotype-controlled analysis of plasma dopamine β -hydroxylase activity in civilian post-traumatic stress disorder. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 34, 1396-1401. PMID: PMC2974949

19. Tang Y, Khoury L, Bradley B, **Gillespie CF**, Ressler KJ, Cubells JF (2011) Substance use disorders assessed using the Kreek-McHugh-Schluger-Kellogg (KMSK) scale in an urban low-income and predominantly african-american sample of primary care patients. *American Journal on Addictions*, 20, 292-299. PMID: PMC3076102
20. Weiss TE, Skelton K, Phifer J, Jovanovic T, **Gillespie CF**, Smith A, Umpierrez G, Bradley B, Ressler KJ (2011) Post-traumatic stress disorder is a risk factor for metabolic syndrome in an impoverished urban population. *General Hospital Psychiatry*, 33, 135-142. PMID: PMC3099039
21. Phifer JE, Skelton K, Weiss T, Wingo A, **Gillespie CF**, Sands L, Sayyar S, Bradley B, Jovanovic T, Ressler K (2011) Pain symptomatology and pain medication use in civilian PTSD. *Pain*, 152, 2233-2240. PMID: PMC3201986
22. Smith AK, Conneely KN, Kilaru V, Mercer KB, Weiss TE, Bradley-Davino B, Tang Y, **Gillespie CF**, Cubells JF, Ressler KJ (2011) Differential immune system DNA methylation and cytokine regulation in post-traumatic stress disorder. *American Journal of Medical Genetics B: Neuropsychiatric Genetics*, 156, 700-708. PMID: PMC3292872
23. Mercer KB, Orcutt HK, Quinn JF, Fitzgerald CA, Conneely KN, Barfield RT, **Gillespie CF**, Ressler KJ (2012) Post-traumatic stress symptoms in a prospective gene x environment study of a campus shooting. *Archives of General Psychiatry*, 69, 89-97. PMID: PMC3738299
24. Khoury N, Marvar P, **Gillespie C**, Wingo A, Schwartz A, Bradley B, Kramer MR, Ressler KJ (2012) The Renin-Angiotensin Pathway in PTSD: ACE inhibitor and ARB medications are associated with fewer traumatic stress symptoms. *Journal of Clinical Psychiatry*, 73, 849-855. PMID: PMC4087173
25. **Gillespie CF**, Almli LM, Smith AK, Bradley B, Kerley K, Crain DF, Mercer KB, Weiss T, Phifer J, Tang Y, Cubells JF, Binder EB, Conneely KN, Ressler KJ (2013) Sex-dependent influence of a functional polymorphism in steroid 5- α -reductase type 2 (*SRD5A2*) on post-traumatic stress symptoms. *American Journal of Medical Genetics B: Neuropsychiatric Genetics*, 162B, 283-292. PMID: PMC3770127
26. Norrholm SD, Jovanovic T, Smith A, Binder EB, Klengel T, Conneely K, Mercer KB, Davis JS, Kerley K, Winkler JA, **Gillespie CF**, Bradley B, Ressler KJ (2013) Differential Genetic and Epigenetic Regulation of Catechol-O-Methyl-Transferase (*COMT*) is Associated with Impaired Fear Inhibition in Post-traumatic Stress Disorder. *Frontiers in Behavioral Neuroscience*, 7, 30. PMID: PMC3622057
27. Spann SJ, **Gillespie CF**, Davis JS, Brown A, Schwartz A, Wingo A, Habib L, Ressler KJ (2014) The association between childhood trauma and lipid levels in an adult low income, minority population. *General Hospital Psychiatry*, 36, 150-155. PMID: PMC3951665
28. Michopoulos V, Rothbaum AO, Jovanovic T, Almli LM, Bradley B, Rothbaum BO, **Gillespie CF**, Ressler KJ (2015) *CRP* genetic variation and CRP levels are associated with increased PTSD symptoms and physiological responses in a highly traumatized civilian population. *American Journal of Psychiatry*, 172, 353-362.
29. Nylocks KM, Michopoulos V, Rothbaum AO, Almli L, **Gillespie CF**, Wingo A, Schwartz AC, Habib L, Gamwell KL, Marvar, PJ, Bradley B, Ressler KJ (2015) An angiotensin-converting enzyme (*ACE*) polymorphism may mitigate the effects of angiotensin-pathway medications on post-traumatic stress symptoms. *American Journal of Medical Genetics B: Neuropsychiatric Genetics*, 168, 307-15.
30. Powers A, Michopoulos V, Gluck R, Dixon H, Jovanovic T, Pace TWW, Umpierrez GE, Ressler KJ, Bradley B, **Gillespie CF** (2016) Emotion dysregulation and inflammation in African-American women with type 2 diabetes mellitus. *Neural Plasticity*, In Press.

b. Manuscripts Submitted:

1. Lin C, Michopoulos V, Powers A, Wingo A, Schwartz A, Bradley B, Ressler K, **Gillespie CF** Affect, inflammation, and health in urban at-risk civilians, Submitted to *Journal of Psychiatric Research*.

c. Review Articles:

1. Huhman KL, **Gillespie CF**, Marvel CL, Albers HE (1997) Peptidergic mechanisms of action in the suprachiasmatic nucleus. *Annals of the New York Academy of Sciences*, 814, 300-304.

2. **Gillespie CF**, Nemeroff CB (2005) Hypercortisolemia and depression. *Psychosomatic Medicine*, 67, Supp. 1, 26-28.
 3. **Gillespie CF**, Ressler KJ (2005) Glutamate and emotional learning: translational perspectives. *CNS Spectrums*, 10, 831-839.
 4. **Gillespie CF**, Nemeroff CB (2005) Early life stress and depression. *Current Psychiatry*, 4(10), 15-30.
 5. **Gillespie CF**, Nemeroff CB (2007) Corticotropin-releasing factor and the psychobiology of early life stress. *Current Directions in Psychological Science*, 16, 85-89.
 6. Neigh GN, **Gillespie CF**, Nemeroff, CB (2009) The neurobiological toll of early life abuse. *Trauma, Violence, and Abuse*, 10, 389-410.
 7. **Gillespie CF**, Phifer J, Bradley B, Ressler KJ (2009) Risk and resilience: Genetic and environmental influences on development of the stress response. *Depression and Anxiety*, 26, 984-992. PMID: PMC2852579
 8. Harrell CS, **Gillespie CF**, Neigh GN (2015) Energetic Stress: The reciprocal relationship between energy availability and the stress response. *Physiology and Behavior*, In press.
 9. Michopoulos V, Powers A, **Gillespie CF**, Ressler KJ, Jovanovic T (2016) Inflammation in fear-and anxiety-based disorders: PTSD, GAD, and beyond. *Neuropsychopharmacology Reviews*, In press.
- d. Book Chapters:
1. **Gillespie CF**, Nemeroff CB (2007) "Biology of Depression" in McIntyre RS, Konarski JZ (Eds.) Psychiatric and Metabolic Disorders: Research Synthesis and Clinical Translation.
 2. Craighead WE, Ritschel L, Arnarson EO, **Gillespie CF** (2007) "Major Depressive Disorder" in Craighead WE, Miklowitz DJ, Craighead LW (Eds.) Psychopathology: History, Theory and Diagnosis for Clinicians.
 3. **Gillespie CF**, Garlow SJ, Binder EB, Schatzberg A, Nemeroff CB (2009) "Biology of Mood Disorders" in Schatzberg, AF, Nemeroff, CB (Eds.) Textbook of Psychopharmacology.
 4. Neigh G, **Gillespie CF**, Nemeroff CB (2009) "War Exposure Early in Life: Implications for the Hypothalamic-Pituitary-Adrenal Axis and Mental Health" in Muntasser S (Ed.) War and Children.
 5. **Gillespie CF** (2010) "Anticonvulsants" in Weiner I, Craighead WE (Eds.) Corsini Encyclopedia of Psychology, Psychiatry, and Neuroscience.
 6. **Gillespie CF**, Hung OY, Burgess KA (2010) "Antidepressants" in Weiner I, Craighead WE (Eds.) Corsini Encyclopedia of Psychology, Psychiatry, and Neuroscience.
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