

**CURRICULUM VITAE**

ANSLEY GRIMES STANFILL  
 ASSISTANT PROFESSOR  
 UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER  
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**EDUCATION**

| <b><u>Institution</u></b>                                       | <b><u>Degree/Other</u></b> | <b><u>Major</u></b> | <b><u>Year</u></b> |
|---|----------------------------|---------------------|--------------------|
| University of Pittsburgh<br>Pittsburgh, PA                      | Postdoctoral<br>Scholar    | Genomics            | 2016               |
| University of Tennessee<br>Health Science Center<br>Memphis, TN | PhD                        | Nursing             | 2014               |

*Dissertation title: Dopaminergic genetic contributions to obesity in kidney transplant recipients*

|   |     |              |      |
|---|-----|--------------|------|
| Saint Louis University<br>St. Louis, MO | BSN | Nursing      | 2007 |
| Vanderbilt University<br>Nashville, TN  | BS  | Neuroscience | 2003 |

**EXPERIENCE**

| <b><u>Institution</u></b>                                       | <b><u>Position</u></b>          | <b><u>Years in Position</u></b> |
|---|---------------------------------|---------------------------------|
| University of Tennessee<br>Health Science Center<br>Memphis, TN | Assistant Professor             | 2016-present                    |
| National Institutes of Health<br>Bethesda, MD                   | Special Projects Volunteer-NINR | 2014-present                    |
| University of Pittsburgh<br>Pittsburgh, PA                      | Postdoctoral Scholar            | 2014-2016                       |
| University of Tennessee<br>Health Science Center<br>Memphis, TN | Volunteer Faculty               | 2011-2015                       |
| University of Tennessee<br>Health Science Center<br>Memphis, TN | Graduate Research Assistant     | 2010-2013                       |

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|--|-------------------------------|-----------|
| Methodist North Hospital<br>Memphis, TN                      | CVICU Staff Nurse-PRN         | 2010-2011 |
| Methodist North Hospital<br>Memphis, TN                      | CVICU Staff Nurse             | 2009-2010 |
| Johnson City Medical Center<br>Johnson City, TN              | Endoscopy Staff Nurse         | 2008-2009 |
| St. Luke's Hospital<br>Chesterfield, MO                      | Neurosurgery Staff Nurse      | 2007-2008 |
| Washington University<br>School of Medicine<br>St. Louis, MO | Neurology Research Technician | 2004-2006 |
| Coosa Medical Group<br>Rome, GA                              | Neurology Assistant           | 2003-2004 |

### **NURSING LICENSURE**

Tennessee Active Licensure #RN0000166661

### **HONORS/AWARDS**

BSN awarded with highest honors, 2007

NIH Fellow/Traineeship, NINR Summer Genetics Institute, 2011

SNRS-Salimetrics Distinguished Student Scholar Award in Biobehavioral Science, 2012

Recognized in the "People on the Move" section of the Memphis Business Journal, 2012

Featured in the article "Spit Camp polishes nurse researcher's DNA extraction skills" in the Noteworthy section of Reflections on Nursing Leadership, 6/12/12, vol. 38, no. 2.

CGHS Travel Award, 2014

Participant, Council for the Advancement of Nursing Science Duck-Hee Kang Memorial Mentored Workshop for Early Career Nurse Scientists September 2018

### **PROFESSIONAL MEMBERSHIPS**

Sigma Theta Tau 2007-present

Southern Nursing Research Society 2010-present

International Society of Nurses in Genetics 2011-present

The Council for the Advancement of Nursing Science 2012-present

The American Society of Human Genetics 2014-present

American Neurological Association 2017-present

American Heart Association 2017-present

### **SCHOLARLY ACTIVITIES**

#### **Publications**

1. Dosenbach, N., Visscher, K., Palmer, E., Miezin, F., Wenger, K., Kang, H., Burgund E., **Grimes, A.**, Schlaggar, B., and Petersen, S. (2006). A core system for the implementation of task sets. *Neuron*, 50, 799-812.
2. **Stanfill, A.**, Bloodworth, R., and Cashion, A. (2012). Lessons learned: Experiences of gaining weight in kidney transplant recipients. *Progress in Transplantation*, 22(1), 71-78.
3. Cashion, A., **Stanfill, A.**, Thomas, F., Xu, L., Sutter, T., Eason, J., Ensell, M., and Homayouni, R. (2013). Expression levels of obesity-related genes are associated with weight change in kidney transplant recipients. *PLoS one*, 8(3).
4. Taylor, J.Y., Kraja, A., de las Fuentes, L., **Stanfill, A. G.**, Clark, A., and Cashion, A. (2013). An overview of the genetics of metabolic syndrome. *Journal of Nursing Scholarship*, 45(1), 52-59.
5. Cashion, A.K., Hathaway, D.K., **Stanfill, A.**, Thomas, F., Ziebarth, J.D., Cui, Y., Cowan, P.A., and Eason, J. (2014). Pre-transplant predictors of one year weight gain after kidney transplantation. *Clinical Transplantation*, 28(11):1271-8.
6. **Stanfill, A.**, Conley, Y., Cashion, A., Thompson, C., Homayouni, R., Cowan, P., and Hathaway, D. (2015). Neurogenetic and neuroimaging evidence for a conceptual model of dopaminergic contributions to obesity. *Biological Research for Nursing*, 17(4):413-21.
7. **Stanfill, A.**, Hathaway, D., Cashion, A., Homayouni, R., Cowan, P., Thompson, C., Madahian, B., and Conley, Y. (2015). A pilot study of demographic and dopaminergic genetic contributions to weight change in kidney transplant recipients. *PLoS one*, 10(9).
8. **Stanfill, A.**, Hathaway, D., Bloodworth, R., & Cashion, A. (2016). A prospective study of depression and weight change after kidney transplant. *Progress in Transplantation*, 26(1):70-4.
9. Cho, Y., Hyung-Suk, K., Lai, C., **Stanfill, A.**, & Cashion, A. (2016). Oxidative stress is associated with weight gain in recipients at 12-months following kidney transplantation. *Clinical Biochemistry*, 49(3):237-42.
10. **Stanfill, A.**, Elijovich, L., Baughman, B., & Conley, Y. (2016). A review and conceptual model of dopaminergic contributions to post stroke depression. *Journal of Neuroscience Nursing*, 48(5):242-6.
11. Chang, J., **Stanfill, A.**, Pourmotabbed, T. (2016). The role of matrix metalloproteinase polymorphisms in ischemic stroke. *International Journal of Molecular Science*, 17(8):1323.
12. Turi, E., Conley, Y., & **Stanfill, A.** (2017). A review of psychosocial comorbidities related to working capacity following aneurysmal subarachnoid hemorrhage. *Journal of Neuroscience Nursing*, 49(3): 179-184.
13. **Stanfill, A.**, Simpson, C., Sherwood, P., Poloyac, S., Crago, E., Kim, H., & Conley, Y. (2017). The impact of dopamine, serotonin, and BDNF genotype on long term outcomes after subarachnoid hemorrhage. *Sage Open Medicine*, 5:2050312117726725.

14. Heinsberg, L., Turi, E., Ren, D., Crago, E., Alexander, S., **Stanfill, A.**, & Conley, Y. (2018). Association of APOE genotype with activities of daily living following aneurysmal subarachnoid hemorrhage. *Biological Research for Nursing*, 20(2):177-182.
15. McCall, M., **Stanfill, A.**, Skrovanek, E., Pforr, J., Wesmiller, S., & Conley, Y. (2018). Symptom science: Omics supports common biological underpinnings across symptoms. *Biological Research for Nursing*, 20(2):183-191.
16. Kim, H., Tsao, J., & **Stanfill, A.** (2018). The current state of biomarkers of mild traumatic brain injury. *JCI Insight*, 3(1). pii: 97105.
17. **Stanfill, A.**, & Starlard-Davenport, A. (2017). Primer in Genetics and Genomics, Article 7: Multifactorial Concepts: Gene-Gene Interactions. *Biological Research for Nursing*, 20(3):359-364.
18. Turi, E., Conley, Y., Crago, E., Sherwood, P., Poloyac, S., Ren, D., & **Stanfill, A.** (2018). Psychosocial comorbidities related to return to work rates following aneurysmal subarachnoid hemorrhage. *Journal of Occupational Rehabilitation*, (in press).
19. Lai, C., **Stanfill, A.G.**, Joseph, P., & Cashion, A.K. (2018). The impact of plasma brain-derived neurotrophic factor concentration and weight gain after kidney transplantation. *Research in Nursing and Health*, (in review).
20. Clark, R., & **Stanfill, A.G.** (2018). A systematic review of barriers and facilitators for concussion reporting behavior among high school and collegiate student athletes. *Athletic Training and Sports Health Care*, (in review).
21. Oddo, A., O'Connor, E., Shore, S., Piraino, M., Gibney, K., Tsao, J., & **Stanfill, A.G.** (2018). Making Headway for Discussions About Concussions: Experiences of Former High School and Collegiate Student-Athletes. *Clinical Journal of Sports Medicine*, (in review).

### Abstract presentations

1. Coalson, R., Lugar, H., Kirchner, L., **Grimes, A.**, and Schlaggar, B. (2005). Ipsilateral descending motor control in Joubert Syndrome? fMRI results correlate with symptom severity. Abstract for poster presentation, Child Neurology Society conference, Los Angeles, CA.
2. Buckner, R., Head, D., Lustig, S., Janes, W., **Grimes, A.**, Wang, T., Laciny, E., Coalson, R., Schlaggar, B., and Petersen, S. (2006). Functional-Anatomic study of the human lifespan aged 9-92. Abstract for poster presentation, Society for Neuroscience conference, Atlanta, GA.
3. **Stanfill, A.**, Cashion, A., and Bloodworth, R. (2011). Kidney transplant recipients' perceptions of strategies to prevent weight gain. Abstract for poster presentation, Southern Nursing Research Society Convention, Jacksonville, FL.

4. **Stanfill, A.**, Cashion, A., and Bloodworth, R. (2011). Kidney transplant recipients' perceptions of strategies to prevent weight gain. Abstract for poster presentation, Graduate Research Day, University of Tennessee Health Science Center, Memphis, TN.
5. **Stanfill, A.**, Cashion, A., Bloodworth, R., and Gibson, D. (2011). Lessons learned: Experiences of gaining weight in kidney transplant recipients. Abstract for poster presentation, Alumni Research Day, University of Tennessee Health Science Center, Memphis, TN.
6. **Stanfill, A.**, and Cashion, A. (2011). Decoding obesity: Single nucleotide polymorphisms in FTO associated with obesity in diverse racial and ethnic populations. Abstract for poster presentation, International Society of Nurses in Genetics conference, Montreal, Canada.
7. **Stanfill, A.**, Xu, L., Hathaway, D., Homayouni, R., and Cashion, A. (2012). Real time polymerase chain reaction confirmation of gene expression profiles associated with weight gain in kidney transplant recipients. Abstract for poster discussion presentation, Southern Nursing Research Society conference, New Orleans, LA.
8. **Stanfill, A.**, Xu, L., Hathaway, D., Homayouni, R., and Cashion, A. (2012). Real time polymerase chain reaction confirmation of gene expression profiles associated with weight gain in kidney transplant recipients. Abstract for poster presentation, Alumni Research Day, University of Tennessee Health Science Center, Memphis, TN.
9. **Stanfill, A.**, Hathaway, D., and Cashion, A. (2012). Relationship between depression and weight gain six months post-kidney transplant. Abstract for poster presentation, The Obesity Society conference, San Antonio, TX.
10. **Stanfill, A.**, Xu, L., Hathaway, D., Homayouni, R., and Cashion, A. (2012). RT-PCR confirmation of weight gain associated gene expression profiles in blood of kidney transplant recipients. Abstract for podium presentation, International Society of Nurses in Genetics conference, Philadelphia, PA.
11. **Stanfill, A.**, Xu, L., Hathaway, D., Homayouni, R., and Cashion, A. (2013). Real time polymerase chain reaction confirmation of gene expression profiles associated with weight gain in kidney transplant recipients. Abstract for poster, Governor Haslam's Proclamation of Graduate Education Week, Nashville, TN.
12. **Stanfill, A.**, Hathaway, D., Thompson, C., and Cashion, A. (2013). Dopaminergic genetic contributions to obesity in kidney transplant recipients. Abstract for poster presentation, International Society of Nurses in Genetics conference, Bethesda, MD.
13. **Stanfill, A.**, Hathaway, D., Cashion, A., and Conley, Y. (2014). An Evaluation of the Relationship of Dopaminergic Genotype to Weight Gain Following Kidney Transplant. Abstract for poster presentation, Southern Nursing Research Society conference, San Antonio, TX.
14. Cashion, A., **Stanfill, A.**, Thomas, F., Xu, L., Sutter, T., Eason, J., Ensell, M., and Homayouni, R. (2014). Expression levels of obesity-related genes are associated with weight change in kidney transplant recipients. Abstract for poster presentation, Council for the Advancement of Nursing Science conference, Washington, DC.

15. **Stanfill, A.**, Conley, Y., Hathaway, D., and Cashion, A. (2014). The influence of DRD2, DRD4, and SLC6A3 variants on weight gain, using kidney transplant recipients as a model population. Abstract for podium presentation, International Society of Nurses in Genetics conference, Scottsdale, AZ.
16. **Stanfill, A.**, Cashion, A., Hathaway, D., and Conley, Y. (2014). Carboxypeptidase E and dopamine transporter SNPs are associated with percent weight change in kidney transplant recipients. Abstract for poster presentation, American Society of Human Genetics conference, San Diego, CA.
17. **Stanfill, A.**, Crago, E., Deslouches, S., & Conley, Y. (2015). Characterization of methylation status for dopaminergic and serotonergic genes in cerebrospinal fluid of subarachnoid hemorrhage patients. Abstract for podium presentation, International Society of Nurses in Genetics conference, Pittsburgh, PA.
18. **Stanfill, A.**, Sherwood, P., Crago, E., Poloyac, S., & Conley, Y. (2015). Association between serotonin transporter VNTR and depression at 12 months post aneurysmal subarachnoid hemorrhage. Abstract for poster presentation, American Society of Human Genetics conference, Baltimore, MD.
19. **Stanfill, A.**, Sherwood, P., Poloyac, S., Crago, E., & Conley, Y. (2016). The impact of dopamine, serotonin, and BDNF genotype on long term outcomes after aneurysmal subarachnoid hemorrhage. Abstract for podium presentation, International Society of Nurses in Genetics conference, Dublin, Ireland.
20. Turi, E., **Stanfill, A.**, Sherwood, P., Wright, L., Conley, Y. (2016). Association of apolipoprotein E genotype with activities of daily living after subarachnoid hemorrhage. Sigma Theta Tau International Nursing Research Conference, Cape Town, South Africa.
21. **Stanfill, A.**, Baughman, B, Arthur, A, Foley, R, Speaks, T, Piraino, M, & Eljovich, L. (2017). Retrospective analysis of 1 and 3 month mortality outcomes post subarachnoid hemorrhage. Abstract for poster presentation at American Neurological Association conference, San Diego, CA.
22. Smith, A., Vidal, G., Cordero, J., Cordero, R., Blue, R., Lyn-Cook, B., Simpson, C., **Stanfill, A.**, & Starlard-Davenport, A. (2017). Prevalence of the UGT1A1\*28 polymorphism in a population-based African American breast cancer cohort: A pilot study. Abstract for poster presentation at American Society of Human Genetics conference, Orlando, FL.
23. **Stanfill, A.**, Eljovich, L., Arthur, A., Foley, R., Speaks, T., Piraino, M., & Baughman, B. (2018). Nationwide and midsouth regional disparities in mortality for African American and Caucasian aneurysmal subarachnoid hemorrhage patients. Abstract for poster presentation at the American Heart Association International Stroke Conference, Los Angeles, CA.
24. **Stanfill, A.**, Piraino, M., Goyal, N., Alsherbini, K., Malkoff, M., Arthur, A., & Eljovich, L. (2018). DRD2 promoter region methylation patterns post aneurysmal subarachnoid hemorrhage. Abstract for podium presentation at the International Society of Nurses in Genetics conference, Orlando, FL.

**Invited presentations:**

1. Workshop panelist, "Grant writing as a doctoral student" sponsored by the Southern Nursing Research Society post-conference, February 25, 2012.

Date prepared: April 2018

2. Induction ceremony speaker, "From Bench to Bedside and Back Again" sponsored by the Beta Theta at large chapter of Sigma Theta Tau, November 29, 2012.
3. Webinar panelist, "An Overview of the Genomics of Metabolic Syndrome" sponsored by the Journal of Nursing Scholarship, March 5, 2013.
4. College of Graduate Health Sciences Quarterly Scientific Session, "Dopaminergic Genetic Contributions to Obesity in Kidney Transplant Recipients", May 22, 2013.
5. College of Graduate Health Sciences Summer Science Institute, "Genomic Nursing", June 19, 2013 and July 11, 2013.
6. Summer Genetics Institute, NIH/NINR, "Genetics in nursing research series", June 17, 2015.
7. Genetics, Genomics, and Informatics seminar, "Genetic and Epigenetic Contributions to Long Term Outcomes After Subarachnoid Hemorrhage", April 5, 2016.
8. American Society of Nephrology invited presentation, "From Jeans to Genes: Obesity after kidney transplantation", November 18, 2016.
9. Sigma Theta Tau Beta-Theta at Large Induction Keynote "Achieving Leadership, Scholarship, and Service Through Diversity of Nursing Practice", April 6, 2017.
10. UTHSC Cornet awards ceremony, "Determinants of Health Related Quality of Life Post Aneurysmal Subarachnoid Hemorrhage", August 25, 2017.
11. UTHSC College of Nursing Research Roundtable, "So... You Want to Write a Grant", August 29, 2017.

#### **Book chapters:**

1. **Stanfill, A.** (2018). Genetic control of cell function and inheritance. In T. Norris (Ed.), *Porth's Pathophysiology* (118-137). Philadelphia, PA: Lippincott Williams & Wilkins.
2. **Stanfill, A.** (2018). Genetic and congenital disorders. In T. Norris (Ed.), *Porth's Pathophysiology* (138-159). Philadelphia, PA: Lippincott Williams & Wilkins.
3. Han, K., & **Stanfill, A.** (2018). Visual disturbances after mild traumatic brain injury. In J. Tsao (Ed.), *TBN Neurology*. St. Louis: Elsevier.

#### **Other scholarly activities:**

Manuscript Reviewer: Journal Clinical Nephrology and Research, Clinical Transplantation, Rehabilitation Nursing, BMC Medical Genetics, AACN Advanced Critical Care, PLoS one  
Abstract Reviewer: International Society of Nurses in Genetics 2016, 2017, 2018  
Research Grant Reviewer: International Society of Nurses in Genetics 2016, 2017, 2018  
UTHSC Institutional Review Board member July 2016-present  
LeBonheur Children's Hospital Biorepository and Integrative Genomics Initiative Research Oversight Committee August 2017-present

#### **RESEARCH/GRANTS/CONTRACTS**

1. Sigma Theta Tau International, Beta Theta at large chapter, Research Proposal Grant Funding, 2011. "Real Time PCR Confirmation of Gene Expression Profiles in Adipose Tissue of Kidney Transplant Recipients". (PI \$1,500).
2. International Society for Nurses in Genetics Research Grant Award 2011-2012. "Real Time PCR Confirmation of Gene Expression Profiles in Blood of Kidney Transplant Recipients". (PI, \$3,000).
3. NIH-NINR-F31/NRSA training grant. "Dopaminergic Genetic Contributions to Obesity in Kidney Transplant Recipients". (PI, co-sponsors Dr. Donna Hathaway and Dr. Yvette Conley, \$38,773).
4. Southern Nursing Research Society Dissertation Grant Award 2013. "Dopaminergic Genetic Contributions to Obesity in Kidney Transplant Recipients". (PI, sponsor Dr. Donna Hathaway, \$5,000).
5. International Society for Nurses in Genetics Research Grant Award 2014-2015. "Genetic Contributions to Depression and Anxiety after Aneurysmal Subarachnoid Hemorrhage". (PI, \$2,500).

Date prepared: April 2018

6. UTHSC Cornet grant. “Clinical, Demographic, Genetic, and Epigenetic Determinants of Health Related Quality of Life Post Aneurysmal Subarachnoid Hemorrhage”. (PI, \$50,000).
7. Dean’s Research Fellowship. “A Mixed-Methods Analysis of the Effects and Recovery Trajectory for Concussion/mTBI”. (PI, \$3,000).
8. NIH-NINR-R01 application “A multivariate predictive model for long-term disability post subarachnoid hemorrhage in Caucasian and African American populations”. (PI, \$1,170,294, review pending).
9. University of Memphis-Interdisciplinary Innovations Grant. “Eczema Prevention in Children (EPIC)”. Co-investigator, \$350,000).
10. UTHSC New Grant Support for “A multivariate predictive model for long-term disability post subarachnoid hemorrhage in Caucasian and African American populations”. (PI, \$30,000).
11. UTHSC Cornet grant. “Developing a more accurate means of detecting acute concussion”. (co-PI, \$50,000; not funded)
12. UTHSC Cornet grant. “The Midsouth Stroke Registry”. (co-I, \$28,000; not funded)
13. NIH-NINDS-R21 application “Using handheld technology as a more accurate means of detecting cognitive symptoms in acute concussion and early recovery”. (co-PI, \$418,000, review pending).