

James Samuel Clifford, PhD MS
Curriculum Vitae
April 2023

PERSONAL INFORMATION

Name: James Samuel Clifford
Title: Assistant Professor (Tenure-Track)
Affiliation: East Carolina University
Brody School of Medicine
Department of Public Health

Affiliation Address: 115 Heart Drive, Office 2235,
Mail Stop 660
Greenville, NC 27834

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EDUCATION

GRADUATE:
2017 – 2022

Ph.D., Epidemiology
Department of Family Medicine and Public Health
Division of Epidemiology
Virginia Commonwealth University, Richmond, VA.
Mentor: Elizabeth C. Prom-Wormley, Ph.D. MPH
Dissertation Title: Detailing Genetic and Environmental Influences
Shared between Conventional and Electronic Cigarette Initiation to
Advance Understanding of Electronic Cigarette Use
Mentor: Elizabeth C. Prom-Wormley, PhD MPH

Defense Date: April 27, 2022

2011-2015

Ph.D. Candidate, Psychiatric, Behavioral and Statistical Genetics
Clinical and Translational Sciences Ph.D. Program
Virginia Institute for Psychiatric and Behavioral Genetics
Virginia Commonwealth University, Richmond, VA.
Working Dissertation Title: *GAS7*: Characterization of a Novel Gene for a
Quantitative Alcohol Use Phenotype
Mentors: Nathan A. Gillespie, PhD, Danielle Dick, PhD
Withdrew after completing all coursework and qualifying examinations

2005-2007

M.S., Experimental Psychology,
Department of Psychology
Radford University, Radford, VA.

Thesis Title: Self-Esteem Boosts, Mortality Salience, and Disgust
Sensitivity: A Three-Way Interaction
Mentor: Jeff E. Aspelmeier, PhD

UNDERGRADUATE:
2001-2005

B.S., Psychology
Virginia Polytechnic University and State University, Blacksburg, VA

GRANT WRITING

East Carolina University Teaching Grant, December 2022, Using Nationally Representative Datasets to Practice Public Health Analysis for MPH 7201. Funds requested: \$7,740. Result: Partial Funding: \$1,440.

R36 DA051858-01, PA-16-443, October 2019, Genetic and environmental factors associated with electronic and conventional cigarette initiation: Implications for public health. Funds requested: \$44,054. Result: Scored (36), not funded.

F31 DA049499-01, PA-18-671, December 2018, Genetic and environmental factors associated with electronic and conventional cigarette initiation: Implications for public health prevention programs. Funds requested: \$88,000 Result: Not Discussed.

CERTIFICATIONS

2016	Getting and Cleaning Data Johns Hopkins University via Coursera License: X6FR6JXZBY
2016	R Programming Johns Hopkins University via Coursera License: X6FR6JXZBY
2015	The Data Scientist's Toolbox Johns Hopkins University via Coursera License: X6FR6JXZBY

ACADEMIC APPOINTMENT HISTORY

2022 – Present	Assistant Professor (Tenure-Track) Department of Public Health Brody School of Medicine East Carolina University, Greenville, NC
2021 – 2022	Adjunct Instructor School of Social Work

Virginia Commonwealth University, Richmond, VA

2017 – 2021 Graduate Research Assistant
 Division of Epidemiology
 Department of Family Medicine and Population Health
 Virginia Commonwealth University, Richmond, VA

2018-2021 Teaching Assistant
 Division of Epidemiology
 Department of Family Medicine and Population Health
 Virginia Commonwealth University, Richmond, VA

2015 – 2017 Psychology/Mathematics Faculty
 Department of Arts and Sciences
 ECPI University, Richmond, VA

2015 – 2017 Research Assistant
 Division of Epidemiology
 Department of Family Medicine and Population Health
 Virginia Commonwealth University, Richmond, VA

2011 – 2015 Graduate Research Assistant
 Virginia Institute for Psychiatric and Behavioral Genetics
 Virginia Commonwealth University, Richmond, VA

2010 – 2011 Research Assistant
 Center for Alcohol and Addiction Studies
 Division of Biology and Medicine
 Brown University, Providence, RI

2007-2008 Research Assistant
 Center for Drug and Alcohol Research
 Department of Behavioral Sciences
 University of Kentucky, Lexington, KY

2006-2007 Graduate Teaching Fellow
 Department of Psychology
 Radford University, Radford, VA

2006 Teaching Assistant
 Department of Psychology
 Radford University, Radford, VA

2005-2007 Research Assistant
 Department of Psychology
 Radford University, Radford, VA

2004-2005 Driving Simulator Research Coordinator
Center for Applied Behavior Systems
Department of Psychology
Virginia Tech, Blacksburg, VA

2002-2005 Research Assistant
Center for Applied Behavior Systems
Department of Psychology
Virginia Tech, Blacksburg, VA

PUBLICATIONS

Peer Reviewed Articles

Liu, A., Cox, C., Sankoh, M., **Clifford, J.S.**, Blondino, C.T., Richarson-Lauve, J., Bae, C., Turner, C., Miles, C., Young, K., Gillison-Chew, S., Prom-Wormley, E. (2022). The Association Between Loneliness and Increased Mental Health Problems and Substance Use during the COVID-19 Pandemic in Richmond, Virginia. *Virginia Journal of Public Health*, 6(1), 66-97.

Clifford, J.S., Lu, J., Do, E.K., Burkhardt, B. Prom-Wormley, E.C. (2022). The association of health literacy and tobacco use: Results from a nationally representative survey. *Journal of Community Health*, 47(1), 63-70. PMID: 34357496.

Cooke, M.E., **Clifford, J.S.**, Do, E.K., Gilman, J., Maes, H.H., Peterson, R.E., Prom-Wormley, E.C., Spit for Science Working Group, Evins, A.E., & Schuster, R.M. (2022). Conventional cigarette polygenic score is associated with E-cigarette use in youth. *Addiction*, 117(4), 1071-1078. PMID: 34636095.

Usidame, B., Gibson, E.M., Diallo, A., Blondino, C., **Clifford, J.**, Richmond Health and Wellness Community Advisory Board, Zanjani, F., Sargeant, L., Price, E., Slattum, P., Parson, P., & Prom-Wormley, E. (2021). Understanding the preference for receiving mental health and substance use support in African Americans 50 and older. *Journal of Prevention and Intervention in the Community*. Online ahead of print. PMID: 34053408.

Blondino, C.T., Lu, J., **Clifford, J.S.**, Prom-Wormley, E.C. (2021). The Association between Internalizing and Externalizing Severity with Current Use of Cigarettes, E-cigarettes, and Alcohol in Adults: Wave 1 of the Population Assessment of Tobacco and Health (PATH) Study. *Addictive Behaviors*, 119. PMID 33901812.

Verhulst, B., Pritikin, J., **Clifford, J.**, & Prom-Wormley, E. (2021). Using genetic marginal effects to study gene-environment interactions with GWAS data. *Behavior Genetics*, 51, 358-373. PMID: 33899139

Prom-Wormley, E.C.*, **Clifford, J.S.***, Cooke, M.E., Cecilione, J., Maes, H.H., Do, E.K., & Roberson-Nay, R. (2021). The genetic and environmental contributions to electronic cigarette initiation in a genetically informative sample of young adults. *Nicotine and Tobacco Research*, 23(5), 856-860. PMID: 33017842.

* Denotes co-first author

- Daly, N., Parsons, M. Johnson, A., Blondino, C., **Clifford, J.S.**, Prom-Wormley, E.C. (2020). Association between caregiver depression and child after-school program enrollment. *Journal of Family Social Work*. DOI: <https://doi.org/10.1080/10522158.2020.1824954>
- Blondino, C.T., Gormley, M.A., Taylor, D.S.D.H., Lowery, E., **Clifford, J.**, Burkart, B., Graves, W.C., Lu, J., & Prom-Wormley, E.C. (2020). The association of co-occurring substance use and the effectiveness of opiate treatment programs by intervention type: A systematic review. *Epidemiologic Reviews*. PMID: 32944731.
- Gormley, M., Blondino C., Taylor, D., Lowery, E., Graves, W., **Clifford, J.S.**, Prom-Wormley, E.C., & Lu, J. (2020). Assessment of polysubstance use during opioid use disorder treatment in the United States: A systematic review. *Epidemiologic Reviews*. PMID: 33063108.
- Do, E.K., Nicksic, N.E., **Clifford, J.S.**, Hayes, A., Fuemmeler, B.F. (2020). Perceived harms of and exposure to tobacco product use, and cigarette, e-cigarette, and dual use among reproductive-aged women from PATH (Waves 1 & 2). *Women & Health*, 60(9), PMID: 32654622.
- Prom-Wormley, E.C., **Clifford, J.S.**, Bourdon, J., Barr, P., Blondino, C., Ball, K. M., Montgomery, J., Davis, J. K., Real, J.E., Edwards, A., Thiselton, D., Wilson, D., Creighton, G.C., & Newbille, C. (2019). Developing community-based strategies with family health history education: Assessing the association between community resident family history and interest in health education. *Social Science and Medicine*. doi: 10.1016/j.socscimed.2019.02.011. PMID: 30862375.
- Kenna, G. A., Zywiak, W. H., Swift, R. M., McGeary, J. E., **Clifford, J. S.**, Shoaff, J. R., . . . Leggio, L. (2014). Ondansetron and sertraline may interact with 5-HTTLPR and DRD4 polymorphisms to reduce drinking in non-treatment seeking alcohol-dependent women: Exploratory findings. *Alcohol*, 48(6), 515-522. doi: 10.1016/j.alcohol.2014.04.005. PMID: 25212749.
- Kenna, G.A., Zywiak, W.H., Swift, R.M., McGeary, J.E., **Clifford, J.S.**, Shoaff, J.R., Vuittonet, C., Fricchione, S., Brickley, M., Beaucage, K., Haass-Koffler, C.L., & Leggio, L. (2014). Ondansetron reduces naturalistic drinking in non-treatment seeking alcohol dependent individuals with LL 5'-HTTLPR alleles: A laboratory study. *Alcoholism: Clinical and Experimental Research*, 38(6), 1567-1574. PMID: 24773166.
- Dick, D.M., Nasim, A., Edwards, A., Salvatore, J., Adkins, A., Meyers, J., Yan, J., Cooke, M., **Clifford, J.**, Goyal, N. Halberstadt, L., Ailstock, K., Neale, Z., Opalesky, J., Hancock, L., Donovan, K., Kendler, K.S. (2014). Spit for science: Launching a longitudinal study of genetic and environmental influences on substance use and emotional health at a large US university. *Frontiers in Behavioral and Psychiatric Genetics*, 5, 1-12. PMID: 24639683.
- Kenna, G.A., Roder-Hanna, N., Leggio, L., Zywiak, W.H., **Clifford, J.**, Edwards, S., Kenna, J.A., Shoaff, J., Swift, R.M. (2012). The association of the 5-HTT gene linked promoter region (5-HTTLPR) polymorphism to psychiatric disorder: A review of psychopathology and pharmacotherapy. *Pharmacogenetics and Personalized Medicine*, 2012(5), 19-35. PMID: 23226060.

Book Chapters

Prom-Wormley, E., Langi, G., **Clifford, J.**, & Real, J. (2016). Understanding the roles of genetic and environmental influences on the neurobiology of nicotine use. In R.R. Watson, *Addictive Substance and Neurological Disease*. Elsevier: San Diego, CA.

Accepted Papers

Submitted Papers

Prom-Wormley, E., Wells, J., Sankoh, M., Edmondson, A., Landes, L., **Clifford, J.** A scoping review of smoking cessation pharmacogenomics in underrepresented racial/ethnic populations. Submitted to *Frontiers in Genetics*.

Clifford, J.S., Prom-Wormley, E.C. Misclassification in the modeling of tobacco use during the era of electronic cigarettes: The impact of outcome group assignment. Submitted to *Epidemiology*.

Papers in Preparation

Clifford, J.S., Banks, A., Sankoh, M., Blondino, C.T., Wells, J., Edmondson, A., Mulroy, N., Wormley, B., Chen, J., Branche, B., Liu, A., Wilson, T., Lee, A., Peterson, R., Do, E.K., Cooke, M.E., Maes, H.H., Prom-Wormley, E.C. Scoping review of tobacco use measures in genome-wide association studies: Recommendations for future tobacco research. To be submitted to *Genetic Epidemiology*.

Clifford, J.S., Blondino, C.T., Edwards, A.E., Breland, A., Prom-Wormley, E.C. The effect of coupon receipt on the relationship between income and past 12-month electronic and conventional cigarette use in adults. To be submitted to *Journal of Studies on Alcohol and Drugs*.

AWARDS

RSA Student Merit Award, Research Society on Alcoholism, Austin, TX, 2013

Graduate Student Travel Award, Virginia Commonwealth University, Richmond, VA, 2013

PRESENTATIONS

Clifford, J.S. & Prom-Wormley, E.C. (2023). The impact of outcome group assignment when modeling tobacco use. Paper to be presented at the 29th Annual Meeting of the Society for Research on Nicotine and Tobacco, San Antonio, TX.

Cooke, M. E., **Clifford, J. S.**, Do, E., Gilman, J., Maes, H. H., Peterson, R. E., Prom-Wormley, E. C., Spit for Science Working Group, Evins, A. E., & Schuster, R. M. (2022). Conventional cigarette polygenic score is associated with e-cigarette use in youth. Poster presented at the 28th Annual Meeting of the Society for Research on Nicotine and Tobacco, Baltimore, Maryland

Wilson, T.L., **Clifford, J.S.**, Blondino, C.T., & Prom-Wormley, E.C. (2020, May). *Examining the Association between Race and Mental Health on Lifetime Frequency of E-nicotine use in U.S. adults*. 2020 Virginia Public Health Association Virtual Poster Presentation, Virtual Presentation. <https://vapha.org/Virtual-Poster-Presentation-2020/116047050#photo>

Mulroy, N.M., **Clifford, J. S.**, & Prom-Wormley, E.C. (2020, February). *Association between Marital Status*

- and Smoking Abstinence*. Poster presented at the 27th annual meeting of the Society for Research on Nicotine and Tobacco.
- Brown C.K., **Clifford J.S.**, Blondino C.T., & Prom-Wormley E.C. (2020, April). *Utilization of care coordination and routine location of healthcare services in the East End community of Richmond, VA*. 2020 International/Inner City/Rural Preceptorship Program Capstone Reception, Richmond, VA.
- Clifford, J.S.**, Wilson, T., Blondino, C.T., & Prom-Wormley, E.C. (2020, March). *The effect of electronic and conventional cigarette coupon receipt on the relationship between income level and past 12-month use in adults in PATH*. Poster presented at the 26th annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Usidame, B., **Clifford, J.**, Blondino, C., Ball, K., & Prom-Wormley, E. (2020, March). *The association between e-cigarette use and mental health symptoms in American adults*. Poster presented at the 26th annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Taylor, D., Gormley, M., Blondino, C., Lowery, E., **Clifford, J.**, Burkart, B., Devanaboyina, M., Graves, W., Chapman, D., Lu, J., & Prom-Wormley, E. (2019, November). *An examination of polysubstance use in pregnant women during opioid use disorder treatment: A systematic review of studies conducted in the United States*. Poster presented at the annual meeting of the American Public Health Association, Philadelphia, PA.
- Gormley, M., Blondino C., Taylor, D., Lowery, E., Graves, W., **Clifford, J.S.**, Prom-Wormley, E.C., & Lu, J. (2019, June). *Assessment of polysubstance use during opioid use disorder treatment in the United States: A systematic review*. Poster presented at the annual meeting of the Society for Epidemiologic Research, Minneapolis, MN.
- Blondino, C.T., Gormley, M., Taylor, D.H., Lowery, E., **Clifford, J.**, Burkart, B., Graves, W., Lu, J., & Prom-Wormley, E.C. (2019, June). *The impact of polysubstance use on the effectiveness of opioid use disorder therapy by treatment type: A systematic review*. Poster presented at the annual meeting of the Society for Epidemiologic Research, Minneapolis, MN.
- Do, E.K., Nicksic, N.E., **Clifford, J.S.**, Fuemmeler, B.F. (2019, June). *Perceived harms of and exposure to tobacco product use and current cigarette, e-cigarette, and dual use among reproductive-aged women from the PATH study (Waves 1 &2)*. Paper presented at the Massey Cancer Center Cancer Research Retreat, Richmond, VA.
- Clifford, J.S.**, Lu, J, Prom-Wormley, E.C. (2019, February). *The association of health information literacy and the use of conventional and electronic cigarettes*. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, San Francisco, CA.
- Clifford, J.S.**, Ball, K.M., Blondino, C., Prom-Wormley, E.C. (2018, April). *The associations between conventional and electronic cigarette use with tobacco messaging*. Poster presented at the annual conference of the Virginia Public Health Association, Lynchburg, VA.
- Ball, K.M., **Clifford, J.**, Blondino, C. Do, E., Maes, H., Prom-Wormley, E.C. (2018, March). *Understanding the associations between opinions towards tobacco and youth current poly-tobacco use*. Poster presented at the 6th triennial conference of Virginia Conference on Youth Tobacco Use, Richmond, VA.
- Clifford, J.S.**, Cecilione, J., Cooke, M. E., Roberson-Nay, R., Prom-Wormley, E.C. (2018, February). *The genetic and environmental contributions to electronic and conventional cigarette use in young adults*. Paper presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- Prom-Wormley, E.C., **Clifford, J.S.**, Cecilione, J., Cooke, M.E., Roberson-Nay, R. (2018, January). *The genetic and environmental contributions to electronic and conventional cigarette use in young adults: A bivariate analysis*. Poster presented at the annual NIDA Genetics Consortium Meeting, Rockville, MD.

- Kenna, G.A., Swift, R.M., Zywiak, W., McGeary, J., **Clifford, J.S.**, Shoaff, J., Fricchione, S., Brickley, S., Beaucage, M., Haas-Koffler, C., Leggio, L. (2014, October). *5-HTTLPR, DRD4 alleles, sertraline and ondansetron interact to reduce drinking non-treatment seeking alcohol dependent women*. Paper to be presented at the International Society of Psychiatric Genetics, Copenhagen, Denmark.
- Clifford, J.S.**, Adkins, A.E., Dick, D.M., Kendler, K.S., Gillespie, N.A. (2014, June). *Multivariate GWAS of alcohol phenotypes in a college-aged sample*. Poster at the 44th annual meeting of the Behavioral Genetics Association Meeting, Charlottesville, VA.
- Kenna, G.A., Swift, R.M., Zywiak, W., McGeary, J., **Clifford, J.S.**, Shoaff, J., Fricchione, S., Brickley, M., Beaucage, K., Vuittonet, C., Haas-Koffler, C., Leggio, L. (2013, December). *A trial matching and mismatching Ondansetron and Sertraline to 5-HTTLPR alleles in non-treatment seeking alcohol dependent individuals*. Paper presented at the American College of Neuropsychopharmacology, Hollywood FL.
- Fricchione, S., Brickley, M., Zywiak, W., McGeary, J., Beaucage, K., **Clifford, J.**, Shoaff, J., Haas-Koffler, C., Swift, R.M., Leggio, L. Kenna, G.A. (2013, October). *A study matching serotonergic drugs to LL vs SS/SL 5'-HTTLPR alleles in non-treatment seeking alcohol dependent individuals*. Poster presented at the 52nd Annual New England Psychological Association, Bridgeport CT.
- Brickley, M., Fricchione, S., Leggio, L., Zywiak, W., McGeary, J., Swift, R.M., **Clifford, J.S.**, Shoaff, J., Beaucage, K., Haas-Koffler, C. Kenna, G.A. (2013, October). *Interaction of Ondansetron and Sertraline based on 5-HTTLPR and D4 alleles on drinking in non-treatment seeking alcohol dependent women*. Poster presented at the 52nd Annual New England Psychological Association, Bridgeport CT.
- Kenna, G.A., Zywiak, W.H., McGeary, J.E., Swift, R.M., **Clifford, J.S.**, Shoaff, J., Brickley, M., Vuittonet, C., Edwards, S., Tavares, T., Fricchione, S., McGeary, C., Beaucage, K., Haas-Koffler, C., & Leggio, L. (2013, September). *Personalized treatment matching of serotonergics based on 5'-HTTLPR and DRD4 in non-treatment seeking alcoholics*. Paper presented at the 14th Congress of the European Society for Biomedical Research in Alcoholism, Warsaw, Poland.
- Clifford, J.S.**, Dick, D.M., Aggen, S.H., Gardner, C.O., Kendler, K.S., & Gillespie, N.A. (2013). *Peer group deviance and alcohol use: Causal models*. Poster presented at the 36th annual meeting of the Research Society on Alcoholism, Orlando, Florida.
- Clifford, J.S.**, Dick, D.M., Aggen, S.H., Gardner, C.O., Kendler, K.S., & Gillespie, N.A. (2013). *Peer group deviance and cannabis use: Causal models*. Poster presented at the 61st Annual Symposium on Motivation, Lincoln, Nebraska.
- Kenna, G.A., Leggio, L., Zywiak, W.H., McGeary, J.E., Swift, R.M., **Clifford, J.S.**, Shoaff, J., Edwards, S., Tavares, T., Fricchione, S., McGeary, C., Beaucage, K. (2012, September). *Serotonigenetic matching and mis-matching ondansetron and sertraline based on 5'-HTTLPR alleles in non-treatment seeking alcoholics*. Presented at the 2012 International Society for Biomedical Research on Alcoholism Congress in Sapporo, Japan.
- Kenna, G.A., Leggio, L., Zywiak, W., McGeary, J., Swift, R.M., **Clifford, J.S.**, Shoaff, J., Edwards, S., Tavares, T., Fricchione, S., McGeary, C. (2012, June). *Interaction of serotonigenetic pharmacotherapies based on 5-HTTLPR and D4 alleles on drinking in non-treatment seeking alcohol dependent women*. Poster presented at the 35th annual meeting of the Research Society on Alcoholism, San Francisco, California.
- Shoaff, J.R., Leggio, L., Zywiak, W., McGeary, J., Swift, R.M., **Clifford, J.S.**, Edwards, S., Tavares, T., Fricchione, S., McGeary, C., Kenna, G.A. (2012, June). *Effect of sertraline on alcohol craving and consumption in the late luteal phase of non-treatment seeking alcohol dependent women*. Poster presented at the 35th annual meeting of the Research Society on Alcoholism, San Francisco, California.

- Clifford, J.S.**, Tavares, T., Shoaff, J., Fricchione, S., Edwards, S., Leggio, L., McGeary, J.E., Swift, R.M., Zywiak, W.H., Kenna, G.A. (2011, October). *Sertraline and ondansetron as treatment for alcohol dependence in 5-HTTLPR genotyped nontreatment seeking subjects*. Poster presented at the 51st annual meeting of the New England Psychological Association, Fairfield, Connecticut.
- Tavares, T., **Clifford, J.S.**, Edwards, S., Fricchione, S.R., Leggio, L., Kenna, G.A., Zywiak, W., McGeary J., Swift, R.M. (2011, Oct.). *The relationship between stress-related growth hormone, alcohol craving, and alcohol consumption in response to GABA-B receptor agonist Baclofen in a human laboratory pilot study*. Poster presented at the 51st annual meeting of the New England Psychological Association, Fairfield, Connecticut.
- Edwards S.M., **Clifford J.**, Fricchione S.R., Tavares T., Tidey J., Kenna G.A., Zywiak W.H., Swift R.M., Leggio L. (2011, October). *Are smokers and drinkers happy? A relationship between subjective happiness and drinking and smoking levels*. Poster presented at the 51st annual meeting of the New England Psychological association, Fairfield, Connecticut.
- Fricchione, S., Edwards, S., Tavares, T., **Clifford, J.**, Ferrulli, A., Miceli, A., Addolorato, G., Kenna, G., Swift, R., Leggio, L. (2011, October). *Plasma ghrelin levels correlate with alcohol drinking and craving in alcohol-dependent subjects*. Poster presented at the 51st annual meeting of the New England Psychological Association, Fairfield, Connecticut.
- Shoaff, J., Tavares, T., **Clifford, J.S.**, Swift, R.M., Leggio, L., Kenna, G., McGeary, J., Zywiak, W., Grenga, A., Kim, J. (2011, October). *Stimulant effects of alcohol and alcohol craving: Is there a relationship?* Poster presented at the 51st annual meeting of the New England Psychological Association, Fairfield, Connecticut.
- Clifford, J.S.**, Edwards, S., Leggio, L., Swift, R.M., Kenna, G.A. (2011, June). *Shortening the Alcohol Use Disorder Identification Test (AUDIT) based on self-report alcohol use*. Poster presented at the 34th annual Research Society on Alcoholism conference, Atlanta, Georgia.
- Edwards, S., **Clifford, J.**, Kenna, G.A., Zywiak, W.H., Swift, R., Leggio, L. (2011, June). *Biobehavioral and psychoneuroendocrine mechanisms of Baclofen and alcohol drinking – preliminary findings*. Poster presented at the 34th annual Research Society on Alcoholism conference, Atlanta, Georgia.
- Clifford, J.S.**, Tavares, T., Leggio, L., Swift, R., McGeary, J.E., Zywiak, W.H., Kenna, G.A. (2011, June). *A within-groups design of nontreatment seeking 5-HTTLPR genotyped alcohol-dependent subjects receiving ondansetron and sertraline: Future directions*. Poster presented at the 41st annual meeting of the Behavioral Genetics Association, Newport, Rhode Island.
- Tavares, T., Swift, R.M., Kenna, G.A., Leggio, L., McGeary, J., Zywiak, W., **Clifford, J.S.**, Grenga, A., Kim J. (2011, June). *Genetic Modulators of Alcohol Stimulation and Craving in Humans*. Poster presented at the 41st annual meeting of the Behavioral Genetics Association, Newport, Rhode Island.
- Kenna, G.A., Leggio, L., Zywiak, W., Edwards, S., **Clifford, J.**, Swift, R. (2011, May). *Relationship between stress-related hormones, alcohol craving and drinking in a human laboratory paradigm: A pilot study*. poster presented at the Alcoholism and Stress Conference, Volterra Italy.
- Clifford, J.S.**, Tavares, T., Edwards, S., Leggio, L., Swift, R., Kenna, G.A. (2011, April). *Consumption scores on the AUDIT and self-report alcohol use: A quicker method*. Poster presented at the Public Health Research Day at Brown University, Providence, Rhode Island.
- Tavares, T., Swift, R.M., Kenna, G., Leggio, L., McGeary, J., Zywiak, W., **Clifford, J.S.**, Grenga, A., Kim, J. (2011, April). *Stimulant Effects of Alcohol, Alcohol Craving, and Genetic Variants: Is there a Relationship?* Poster presented at the Public Health Research Day at Brown University, Providence, Rhode Island.
- Edwards, S., **Clifford, J.**, Tavares, T., Kenna, G.A., Zywiak W.H., Swift, R.M., Leggio, L. (2011, April). *Baclofen and Alcohol Drinking: A Pilot Study on the Biobehavioral Mechanisms*. Poster presented at the Public Health Research Day Conference at Brown University, Providence, Rhode Island.

- Clifford, J.S.**, Edwards, S., Leggio, L., Swift, R., Kenna, G.A. (2011, March). *Validation of the Alcohol Use Disorders Identification Test and self-report alcohol use*. Poster presented at the 2011 meeting of the Eastern Psychological Association, Cambridge, Massachusetts.
- Edwards, S., **Clifford, J.**, Kenna, G.A., Zywiak W.H., Swift, R.M., Leggio, L. (2011, March). *A Pilot Study on the Biobehavioral Mechanisms of Baclofen and Alcohol Drinking*. Poster presented at the 2011 meeting of the Eastern Psychological Association, Cambridge, Massachusetts.
- Clifford, J.S.**, Edwards, S., Tavares, T., Leggio, L., Swift, R., Kenna, G.A. (2011, March). *Self-report alcohol use and consumption scores of the AUDIT: A good predictor?* Poster presented at the 14th annual research symposium on Mental Health Sciences, The Alpert Medical School of Brown University, Providence, RI.
- Tavares, T., Swift, R.M., Kenna, G., Leggio, L., McGeary, J., Zywiak, W., **Clifford, J.S.**, Genga, A., Kim, J., Ciminelli, N. (2011, March). *Relationship between the stimulant effects of alcohol and alcohol craving*. Poster presented at the 14th annual research symposium on Mental Health Sciences, The Alpert Medical School of Brown University, Providence, Rhode Island.
- Leggio, L., Ferrulli, A., Cardone, S., Edwards, S., **Clifford, J.**, Kenna, G.A., Swift, R.M., Addolorato, G. (2010, October). *New Developments in the Pharmacotherapy of Alcohol Dependence*. Poster presented at the 36th International Medical Advisory Group Conference (IMAG), Frascati, Italy.
- Clifford, J.S.** & Aspelmeier, J.E. (2007, April). *Terror management theory and self-esteem boosts*. Paper presented at the annual Graduate/Undergraduate Research Forum at Radford University, Radford, Virginia.
- Caincross, D., **Clifford, J.S.**, Aspelmeier, J.E. (2007, April). *Attachment and disgust sensitivity*. Poster presented at the annual Graduate/Undergraduate Research Forum at Radford University, Radford, Virginia.
- Clifford, J.S.**, Woieslagle, A., Graninger, L.L., Caron, J., Hylton, K.R., Kerr, J.L., Barnhardt, J., Harris, M., Mackey, E.M. (2005, April). *Sensation seeking and risky driving on a simulated driving task*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Williamsburg, Virginia.
- Hickman, J.S., **Clifford, J.S.**, Hintz, L.M., Pavlak, S.L., Caron, J., Policay, A., Kerr, J.L., Nash, T., Barnhardt, J., Camden, M. (2005, April). *Self-management for safety on a simulated driving task; objective feedback versus self-monitoring*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Williamsburg, Virginia.
- Williamson, K.A., Padgett, M.M., Progen, M., **Clifford, J.S.**, & Valentino, S.E. (2004, December). *Assessing the effect of designated drivers on passengers' levels of intoxication*. Poster presented at the 7th annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Ehrhart, I.J., **Clifford, J.S.**, Geller, E.S., Rayne, S.R., Dula, C.S. (2004, May). *The effect of using a courtesy communication code on driving behaviors*. Paper presented at the 30th annual convention of the Association of Behavior Analysis, Boston, Massachusetts.
- Clifford, J.S.**, Kimbel, H.L., Robichaux, C.B., Smith, R. (2004, April). *What's in your CD case? Exploratory research on lyrical content of music and driving behaviors*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Roanoke Virginia.
- Kimbel, H.L., Robichaux, C.B., **Clifford, J.S.**, Mascio, C., Andrews, R. (2004, April). *Conversational aspects of driving: Measuring the use of cell phones and upper level processing on driver performance*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Roanoke Virginia.

Clifford, J.S., Dula, C.S., Geller, E.S. (2003, October). *Have You Been Flashed Lately? The effect of a courtesy communication code on driving behaviors*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Charlottesville, Virginia.

Wiegand, D.M., Clarke, S.W., Burtner, M.L., Turner, P.J., **Clifford, J.S.** (2003, April). *Factors related to intoxication levels of pre-game tailgaters at an NCAA Division 1 football game*. Paper presented at the semi-annual meeting of the Virginia Psychological Association, Tyson's Corner, Virginia.

MEMBERSHIP IN SCIENTIFIC OR PROFESSIONAL SOCIETIES

Society for Research on Nicotine and Tobacco – *student* (2017-2022); *full member* (2022-Present)

International Genetic Epidemiology Society – *full member* (2023-present)

American Public Health Association – *student member* (2017-2021)

TEACHING, ADVISING, AND MENTORING

FORMAL CLASSROOM TEACHING

2023-2024

Course Director, MPH 7201, Survey Methodology, East Carolina University, Greenville, NC

Course Director, MPH 6991, Professional Paper I, East Carolina University, Greenville, NC

2021-2022

Adjunct Instructor, SLWK 706 Research in Clinical Social Work I, Virginia Commonwealth University, Richmond, VA

Adjunct Instructor, SLWK 707 Research in Clinical Social Work II, Virginia Commonwealth University, Richmond, VA

Adjunct Instructor, SLWK 611 Research Methods for Advanced Standing Students, Virginia Commonwealth University, Richmond, VA

2018-2020

Teaching Assistant, EPID 547, Applied Data Analysis Lab I, Virginia Commonwealth University, Richmond, VA

Teaching Assistant, EPID 548, Applied Data Analysis Lab II, Virginia Commonwealth University, Richmond, VA

Teaching Assistant, EPID 648, Public Health Genomics, Virginia Commonwealth University, Richmond, VA

2015 - 2017

Instructor, PSYC 105, Introduction to Psychology, ECPI University, Richmond, VA

Instructor, PSYC 220, Positive Psychology, ECPI University, Richmond, VA

Instructor, MTH 140, Introduction to Statistics, ECPI University, Richmond, VA

Instructor, CAP 480, Arts & Sciences Capstone, ECPI University, Richmond, VA

Instructor, FOR 110, Essentials for Success, ECPI University, Richmond, VA

2011 – 2013

Teaching Assistant, PSYC 494, Psychology Honor's Course, Virginia Commonwealth University, Richmond, VA

2006-2007

Graduate Teaching Fellow, PSY 201, Introduction to Psychology, Radford University, Radford, VA

2006

Teaching Assistant, PSY 390 Evolutionary Psychology, Radford University, Radford, VA

SERVICE ACTIVITIES

SERVICE TO THE PROFESSION

Abstract Reviewer, Society for Research on Nicotine and Tobacco	2022 – Present
Peer Reviewer, <i>Substance Use and Misuse</i>	2022 – Present
Peer Reviewer, <i>Frontiers in Genetics</i>	2022 – Present
Peer Reviewer, <i>Virginia Journal of Public Health</i>	2022 – Present
Peer Reviewer, <i>Addictive Behaviors</i>	2021 – Present
Committee Member, American Public Health Association, Genomics Section, Working Group on Genomics Education	2020 – 2022
Abstract Reviewer, American Public Health Association, Genomics Section	2018 – Present

SERVICE TO THE COMMUNITY

Volunteer, Virginia Medical Reserve Corps, Chesterfield, VA	2019 - 2021
Builder, Richmond Habitat for Humanity, Richmond, VA	2013 – 2015
Judge, 11 th Annual Science Symposium of Chesapeake Bay Governor's School for Marine & Environmental Science, Richmond, VA	2014
Judge, 10 th Annual Science Symposium of Chesapeake Bay Governor's School for Marine & Environmental Science, Richmond, VA	2013
Judge, 9 th Annual Science Symposium of Chesapeake Bay Governor's School for Marine & Environmental Science, Richmond, VA	2012
Judge, Manchester Middle School Science Fair, Chesterfield, VA	2012
Richmond SPCA, Richmond, VA	2011 – 2015
Basketball Coach, Boys and Girls Club of Rhode Island, Pawtucket, RI	2010 – 2011
Youth Basketball Coach, Jewish Community Center of Rhode Island, Providence, RI	2010 – 2011

Service to the University

Judge, ECU Research and Creative Achievement Week, Greenville, NC	2023
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Interviewer, VCU Division of Epidemiology, Staff Candidate Search Committee, Richmond, VA 2020

Committee Member, VCU Division of Epidemiology, MPH Assessment Committee, Richmond, VA 2018-2019