

James Samuel Clifford, PhD MS

Curriculum Vitae

March 2025

PERSONAL INFORMATION

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

Affiliation Address: 600 Moye Boulevard, Room 172A
Mail Stop 660
Greenville, NC 27834

Office Phone: (252) 744-4079
Cell Phone: (703) 969-5854
E-mail: cliffordj22@ecu.edu

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

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

Submitted

R34 HL183000-01 (PI), February 2025, Novel Technologies to Promote Smoking Cessation in Older Cardiac Patients. Funds requested: \$677,601. Submitted to NHLBI

Glaxo-Smith-Kline Summer Internship Program (Subaward - PI), March 2025, Transitions in Tobacco Use in Adults of the Population Assessment of Tobacco and Health Project. Funds requested: \$11,500. Submitted to GSK.

In Preparation

R01, RFA-DA-22-037 (co-I; PI: Prom-Wormley), August 2025, Estimating Trends in Comorbidity and Identifying the Genetic Factors Shared with Electronic Cigarettes and Co-Occurring Substance Use. Funds requested: \$237,667. In preparation.

R21, RFA-HG-23-018 (co-I; PI: Chen), July 2025, Gene by Environment Interaction in Mental Health Disparities. In preparation.

Completed

Glaxo-Smith-Kline Summer Internship Program (Subaward - PI), March 2024, Latent Class Analysis of Substance Use Stratified by Generational Status in PATH. Funds requested: \$11,500. Result: Fully Funded, ran May 30, 2024 – July 30, 2024.

East Carolina University Teaching Grant (PI), December 2022, Using Nationally Representative Datasets to Practice Public Health Analysis for MPH 7201. Funds requested: \$7,740. Result: Partial Funding: \$1,440. Completed May 1, 2023.

R36 DA051858-01, PA-16-443 (PI), 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 (PI), 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.

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	Graduate 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	Undergraduate Research Assistant Center for Applied Behavior Systems Department of Psychology Virginia Tech, Blacksburg, VA

PUBLICATIONS

Peer Reviewed Articles

- Sankoh, M. **Clifford, J.S.**, Peterson, R.E., & Prom-Wormley, E.C. (2024). Racial and ethnic differences in comorbid psychosis: A population-based study. *Frontiers in Psychiatry, 15*, 1-10. PMID: 39140109.
- Prom-Wormley, E., Wells, J., Sankoh, M., Edmondson, A., Landes, L., & **Clifford, J.** (2023). A scoping review of smoking cessation pharmacogenomics in racial/ethnic populations. *Frontiers in Genetics, 14*. PMID: 37359362.
- Liu, A., Cox, C., Sankoh, M., **Clifford, J.S.**, Blondino, C.T., Richardson-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, 51*(3), 268-286. 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. (2021). Association between caregiver depression and child after-school program enrollment. *Journal of Family Social Work*, 24(3), 245-260. PMID: 34239279

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

Clifford, J.S. & Blondino, C.T. Understanding the role of nicotine dependence in the transition of cigarette-exclusive use to other tobacco use patterns in adults: Longitudinal analyses from PATH waves 1-3. Paper submitted to *Tobacco Prevention and Cessation*.

Clifford, J.S., Williams, R.T., Hall, C., Moya Quezada, F., & Blondino, C.T. Latent structure of past 12-month tobacco use in wave 6 of the Population Assessment of Tobacco and Health: Examining for differential subpopulations by generational status. Paper submitted to *Substance Use and Misuse*.

Blondino, C.T., Moya Quezada, F., Hall, C., Williams, R.T., & **Clifford, J.S.** Generational difference in tobacco use patterns: Results from Wave 6 (2021) of the Population Assessment of Tobacco and Health. Paper submitted to *Nicotine and Tobacco Research*.

Wilding, J., **Clifford, J.S.**, Heron, D.E., Jahraus, C., McKittrick, J., Benitez, C., & Thomas, T. There is consensus on an episode based payment model: The American College of Radiation Oncology (ACRO) Payment Reform Survey. Submitted to *Cureus*. Doi:10.7759/cerus

Papers in Preparation

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*.

Clifford, J.S., Wu, Q., & Prom-Wormley, E.C. Misclassification in the modeling of tobacco use during the era of electronic cigarettes: The impact of outcome group assignment. To be submitted to

Nicotine and Tobacco Research.

Clifford, J.S., Banks, A., Sankoh, M., Blondino, C.T., Wells, J., Edmondsdon, 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 *Frontiers in Public Health*.

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. (2025, March). Identifying epigenetic profiles associated with tobacco and nicotine use [Discussant], 31st Annual Meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.

Williams, R., Hall, C., Moya Quezada, F., Blondino, C.T., & **Clifford, J.S.** (2025, March). Latent class analysis of tobacco use in wave 6 of PATH: Exploring generational differences. Poster to be presented at the 31st Annual Meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.

Williams, R., Hall, C., Moya Quezada, F., Blondino, C.T., & **Clifford, J.S.** (2024, September). Latent structure of tobacco users in wave 6 of the Population Assessment of Tobacco and Health Study. Poster presented at the annual meeting of the North Carolina Public Health Association, Cherokee, NC.

Blondino, C.T., Moya Quezada, F., Hall, C., Williams, R., & **Clifford, J.S.** (2024, September). Generational difference in tobacco use patterns: Results from Wave 6 (2021) of the Population Assessment of Tobacco and Health (PATH) Study. Poster presented at the annual meeting of the Virginia Public Health Association, Richmond, VA.

Clifford, J.S. & Blondino, C.T. (2024, March). Demographic factors associated with tobacco transition patterns of cigarette-exclusive users: Longitudinal analyses from PATH waves 1-3. Poster presented at the 30th Annual Meeting of the Society for Research on Nicotine and Tobacco, Edinburgh, Scotland.

Wilding, J., Jahraus, C., Heron, D.E., McKittrick, J., **Clifford, J.**, Benitez, C., & Thomas, T. (2024, March). Consensus on payment model reform amongst radiation oncologists: The Radiation Oncology Payment Reform Survey, preliminary results. Paper presented at the Annual Meeting of the American College of Radiation Oncologists, Orlando, FL.

White, H., Duncan, R., Doub, A., **Clifford, J.S.**, & Imai, S. (2023, September). Examining the relationships between cigarette and e-cigarette usage and individual level factors among North Carolinians in 2021. Poster presented at the annual meeting of the North Carolina Public Health Association, Charlotte, NC.

Clifford, J.S. & Prom-Wormley, E.C. (2023, March). The impact of outcome group assignment when modeling tobacco use. Poster 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, March). 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.
- Mulroy, N.M., **Clifford, J. S.**, & Prom-Wormley, E.C. (2021, February). *Association between Marital Status and Smoking Abstinence*. Poster presented at the 27th annual meeting of the Society for Research on Nicotine and Tobacco, Virtual Meeting.
- 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>
- 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 serotonergic 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.**, Wolesslagle, 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.

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 |

MEMBERSHIP IN SCIENTIFIC OR PROFESSIONAL SOCIETIES

- | | |
|--|----------------|
| John Snow Society – <i>Member</i> | (2023-Present) |
| Society for Research on Nicotine and Tobacco – <i>Student (2017-2022); Full Member</i> | (2022-Present) |
| International Genetic Epidemiology Society – <i>Full Member</i> | (2023-Present) |
| North Carolina Public Health Association – <i>Member</i> | (2023-Present) |

TEACHING, ADVISING, AND MENTORING

MASTER OF PUBLIC HEALTH (MPH) STUDENTS MENTORED

- | | |
|--|---------------------------|
| Margaret Clark, ECU, Title TBD, | August 2025 (Anticipated) |
| Amaris Avalos, ECU, The association between peer group use of tobacco products and individual e-cigarette usage: A mediation analysis of adult users in PATH Wave 6
(Anticipated) | May 2025 |
| Jodi Quemelen, MPH, ECU, The association between binge drinking and gender identity in males | December 2024 |

HONOR'S COLLEGE STUDENTS MENTORED

EXTERNAL STUDENTS MENTORED

Ronaldo T. Williams, Chowan University, *Latent structure of tobacco users in wave 6 of the Population Assessment of Tobacco and Health: Generational differences* Summer 2024

FORMAL CLASSROOM TEACHING

2025-2026

Course Director, MPH 6045, Strategies for Public Health Communication, East Carolina University, Greenville, NC

Instructor, MPH 6991, Professional Paper I, East Carolina University, Greenville, NC

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

Instructor, MPH 6992, Professional Paper II, East Carolina University, Greenville, NC

Co-Instructor, PUBH 8025, Quantitative Research Methods, East Carolina University, Greenville, NC

2024-2025

Instructor, MPH 6991, Professional Paper I, East Carolina University, Greenville, NC

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

Instructor, MPH 6992, Professional Paper II, East Carolina University, Greenville, NC

Co-Instructor, PUBH 8025, Quantitative Research Methods, East Carolina University, Greenville, NC

2023-2024

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

Instructor, MPH 6991, Professional Paper I, East Carolina University, Greenville, NC

2021-2022

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

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

Adjunct Instructor, SLWK 611 Research Methods for Advanced Standing Students, School of Social Work, 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

Associate Editor, *Frontiers in Public Health* 2024 – Present

Ad-Hoc Reviewer:

BMC Public Health, Substance Use and Misuse, Frontiers in Genetics, Virginia Journal of Public Health, Addictive Behaviors, Frontiers in Psychology, Frontiers in Psychiatry

Extramural Committees:

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

Abstract Reviewer, Society for Research on Nicotine and Tobacco 2021 – Present

SERVICE TO THE COMMUNITY

Volunteer Proctor, Ridgewood Elementary School, Greenville, NC 2024

Volunteer, Virginia Medical Reserve Corps, Chesterfield, VA 2019 - 2021

Builder, Richmond Habitat for Humanity, Richmond, VA 2013 – 2015

Judge, 11th Annual Science Symposium of Chesapeake Bay Governor's School for Marine & Environmental Science, Richmond, VA 2014

Judge, 10th Annual Science Symposium of Chesapeake Bay Governor's School for Marine & Environmental Science, Richmond, VA 2013

Judge, 9th 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

Lunch and Learn Coordinator, Department of Public Health, East Carolina University, Greenville, NC
2024-Present

Committee Member, Teaching Grants Committee, East Carolina University, Greenville NC. 2024-Present

Co-Faculty Advisor, Public Health Student Organization, ECU Department of Public Health, Greenville, NC
2023-Present

Committee Member, ECU Department of Public Health, Personnel Committee, Greenville, NC 2023-
Present

Committee Member, ECU Department of Public Health, Curriculum Committee, Greenville, NC 2023-
Present

Committee Member, ECU Department of Public Health, Curriculum Revision, Greenville, NC
2023-Present

Judge, ECU Research and Creative Achievement Week, Greenville, NC 2023-Present

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