

Wendy Donlin Washington, Ph.D.
Associate Dean of the Graduate School
Professor of Psychology
<http://people.uncw.edu/donlinw/>

Contact Information

University of North Carolina Wilmington
601 S College Rd
Wilmington, NC 28403-5955

donlinw@uncw.edu

Office: (910) 962-3866

Note: Previously published as Wendy Donlin, Wendy Donlin Washington

Web of Science ResearcherID: H-1997-2012

ORCID: <https://orcid.org/0000-0003-3041-0273>

Education

West Virginia University, Morgantown, B.A. 1997 Psychology

Auburn University, Auburn, M.S., 2002, Psychology

Auburn University, Auburn, Ph.D., 2005, Psychology

Johns Hopkins University, Baltimore, Postdoctoral Fellowship, School of Medicine (2005-2007)

Current Research Interests

Contingency management interventions and behavioral economic analysis of health. Topical interests include drug misuse, physical activity, medication compliance, general health and safety

Professional Experience

2023	Professor with Tenure University of North Carolina Wilmington, Psychology Department
2013	Associate Professor with Tenure University of North Carolina Wilmington, Psychology Department
2007-2012	Assistant Professor University of North Carolina Wilmington, Psychology Department
2005-2007	Postdoctoral NIH Research Fellow (NIDA) Johns Hopkins University School of Medicine.
2002-2005	Research Associate II Auburn University, Psychology Department

Van Camp, C. M., Helvey, C.I., & Washington, W.D. (2023) Evaluating physical activity levels. In Matson, J.L (Ed.) *Applied Behavior analysis: A Comprehensive Handbook*. (pp. 411-428) Springer International.

<https://link.springer.com/book/10.1007/978-3-031-19964-6>

Washington, W.D. & Helvey C.I. (2023) Leisure. In Rehfeldt, R. A., Cihon, T. M., & Rasmussen, E. B. (Eds.). (2023). *Women in Behavior Science: Observations on Life Inside and Outside the Academy*. (pp. 249-266). Taylor & Francis. ISBN 9781032107301

Batchelder, S.R., Van Heukelom, J.T., Proctor, K., and Washington, W.D. (2022). Escalating schedules of incentives increase physical activity with no differences between deposit and no-deposit group: A systematic replication. *Journal of Applied Behavior Analysis*, 56 (1), 201-215. <https://doi.org/10.1002/jaba.964>

Brown, J., Washington, W. D., Stein, J. S., & Kaplan, B. A. (2021). The Gym Membership Purchase Task: Early Evidence Towards Establishment of a Novel Hypothetical Purchase Task. *The Psychological Record*, 1-11. <https://doi.org/10.1007/s40732-021-00475-w>

Batchelder, S.R., & Donlin Washington (2021) Effects of Incentives and Prompts on Sedentary and Walking Behaviors in University Employees. *Behavior Analysis: Research and Practice*, 21(2), 1-20.

<https://doi.org/10.1037/bar0000214>

- Donlin Washington, W. & Galizio, M. (2019) From lab bench to park bench: How behavioral science affects the field of substance abuse. *Perspectives on Behavior Science*, <https://doi.org/10.1007/s40614-019-00223-0>
- Donlin Washington, W., McMullen, D., & Devoto, A. (2016). A matched deposit contract intervention to increase physical activity in underactive and sedentary adults. *Translational Issues in Psychological Science*, 2 (2), 101. <https://psycnet.apa.org/doi/10.1037/tps0000069>
- Holtyn, A. F., Donlin Washington, W., Knealing, T. W., Wong, C. J., Kolodner, K., & Silverman, K. (2016). Behavioral factors predicting response to employment-based reinforcement of cocaine abstinence in methadone patients. *Translational Issues in Psychological Science*, 2 (2), 192. <https://psycnet.apa.org/doi/10.1037/tps0000056>
- Donlin Washington, W., Banna, K. M., & Gibson, A. L. (2014). Preliminary efficacy of prize-based contingency management to increase activity levels in healthy adults. *Journal for Applied Behavior Analysis*, 47(2), 231-245. <https://doi.org/10.1002/jaba.119>
- Dunn, K., DeFulio, A., Everly, J. J., Donlin, W. D., Aklin, W. M., Nuzzo, P. A., . . . Silverman, K. (2014). Employment-Based Reinforcement of Adherence to Oral Naltrexone in Unemployed Injection Drug Users: 12-Month Outcomes. *Psychology of Addictive Behaviors*, 29(2), 270-276. <http://dx.doi.org.liblink.uncw.edu/10.1037/adb0000010>
- Newland, M. C., Hoffman, D., Heath, J., & Donlin, W. (2013). Response Inhibition is Impaired by Developmental Methylmercury Exposure: Acquisition of Low-Rate Lever-Pressing. *Behavioural Brain Research*, 253, 196-205.
- Dunn, K., Defulio, A., Everly, J., Donlin, W., Aklin, W. M., Leoutsakos, J. M., . . . Silverman, K. (2013). Employment-Based Reinforcement of Adherence to Oral Naltrexone Treatment in Unemployed Injection Drug Users. *Experimental and Clinical Psychopharmacology*, 21(1), 74-83.
- Everly, J., Defulio, A., Koffarnus, M. N., Leoutsakos, J. M., Donlin, W., Aklin, W. M., et al. (2011). Employment-Based Reinforcement of Adherence to Depot Naltrexone in Unemployed Opioid-Dependent Adults: A Randomized Controlled Trial. *Addiction*, 106(7), 1309-18.
- Bredthauer, J. L., & Donlin, W. D. (2010). Behavior Analysis Designs. In N. J. Salkind (Ed.), *Encyclopedia of Research Design*. Thousand Oaks, CA: Sage.
- Defulio, A., Donlin, W. D., Wong, C. J., & Silverman, K. (2009). Employment-based contingency management as a maintenance intervention for the treatment of cocaine addiction: a randomized controlled trial. *Addiction*, 104(9), 1530-1538.
- Donlin, W., Knealing, T., Needham, M., Wong, C. J., & Silverman, K. (2008). Attendance Rates in a Workplace Predict Subsequent Outcome of Employment-Based Reinforcement of Cocaine Abstinence in Methadone Patients. *Journal of Applied Behavior Analysis*, 41, 499-516.
- Donlin, W. D., Knealing, T., & Silverman, K. (2008). Employment based reinforcement in the treatment of drug addiction. In S. T. Higgins, K. Silverman & S. Heil (Eds.), *Contingency Management in Substance Abuse Treatment*. Washington D.C.: American Psychological Association.
- Donlin, W., & Rasmussen, E. (2008). Behavioral Pharmacology. In S. F. Davis & W. Buskist (Eds.), *21st century psychology*. Thousand Oaks, CA: Sage.
- Reed, M., Banna, K. M., Donlin, W., & Newland, M. C. (2008). Effects of Gestational Exposure to Methylmercury and Dietary Selenium on Reinforcement Efficacy in Adulthood. *Neurotoxicology and Teratology*, 30, 29-37.
- Newland, M. C., Donlin, W. D., Paletz, E. M., & Banna, K. M. (2006). Developmental behavioral toxicity of methylmercury: consequences, conditioning and cortex. In E. D. Levin & J. J. Buccafusco (Eds.), *Animal Models of Cognitive Impairment* (pp. 101-146). Boca Raton, FL: CRC Press.
- Newland, M. C., Reed, M. N., Leblanc, A., & Donlin, W. D. (2006). Brain and blood mercury and selenium after chronic and developmental exposure to methylmercury. *Neurotoxicology*, 27(5), 710-720.

Manuscripts under Review

Batchelder, S.R. & Donlin Washington, W. (accepted pending revision) Demographic Predictors of Nicotine Consumption as Measured by the Experimental Tobacco Marketplace. (Submitted to *Substance Use and Misuse*).

Manuscripts in Preparation

- Donlin Washington, W., Devoto, A., & Batchelder, S.R. (in preparations) Prizebowl draws for money increases physical activity in sedentary adults.
- Donlin Washington, W. & Batchelder, S. (in preparation) Behavioral data suggests 10,000 steps is not sufficient to avoid the sedentary classification. (to be submitted to *Preventative Medicine*).
- Gibson, A. L. & Donlin Washington, W. (in preparation) Bouts of exercise: A log-survivor analysis of walking in healthy adults. (to be submitted to *Journal of Applied Behavior Analysis* or *The Psychological Record*).

Professional Memberships

- Association for Behavior Analysis International (since 1997)
- Conference of Southern Graduate Schools (since 2022)
- North Carolina Association for Behavior Analysis (since 2008)
- North Carolina Council of Graduate Schools (since 2021)
- Southeastern Association for Behavior Analysis (since 1996)

Previous memberships

- American Psychological Association (Div 25, 28)
- Behavioral Toxicology Society
- Maryland Association for Behavior Analysis
- Society for the Quantitative Analysis of Behavior
- Virginia Association for Behavior Analysis

Honors, Leadership, Editorial Positions

- 2022-Present Associate Dean of the Graduate School
- 2021-2022 Special Assistant to the Dean of the Graduate School, UNCW
- 2022 Guest Associate Editor for *Behavior Analysis in Practice*
- 2019 Guest editor for special issue on substance abuse for *Perspectives in Behavioral Science*
- 2019-2021 Program Director for graduate ABA programs, Dept of Psychology, UNCW
- 2016-Present Membership Coordinator, Association for Behavior Analysis International (ABAI)
- 2015 Selection committee for APA Div 25 Dissertation Award
- 2014-2018 Undergraduate Coordinator of Psychology, UNCW
- 2013 President of the Southeastern Association for Behavior Analysis (SEABA)
- 2012-2014 Honors Council at University of North Carolina Wilmington
- 2012-2015 Board of Editors for Journal of the Experimental Analysis of Behavior (JEAB)
- 2012 Discere Aude Award for outstanding mentoring at UNCW
- 2012 Program Chair for American Psychological Association Division 25 (Behavior Analysis) (APA)
- 2010 Program Chair of Southeastern Association for Behavior Analysis (SEABA)
- 2007-2010 Board of Directors, Southeastern Association for Behavior Analysis (SEABA)
- 2006 NIDA Director's Travel Award College on Problems of Drug Dependence (NIH)
- 2006-2007 Organizer of the Behavioral Pharmacology Research Unit's Seminar Series at Johns Hopkins University
- 2003, 05, 06 SABA presenter award Association for Behavior Analysis Convention
- 2003, 2004 Travel Award Behavioral Toxicology Society Convention

Grants

- 2023 NIH/NIDA SBIR SF 424 (R&R) DA050399 (\$2,549,736)
Development of the Strength Band Platform, a Technology Assisted Platform to Aid with Opioid Abuse Treatment
Co-PI with David MacQueen and David Reeser.
- 2020 NIH/NIDA SBIR R43 DA050399-01A1. (\$276,000 awarded)
Development of the Strength Band Platform, a Technology Assisted Platform to Aid with Opioid Abuse Treatment

Co-PI with David MacQueen and David Reeser.

2010 Contingency Management for Exercise (\$3000) UNCW

2011 The Behavior Analysis Concentration in the Psychology Department: A Model for Directing Students Through Sub-Specialties within the Major (\$8000): Center for Teaching Excellence, UNCW.

Journal Reviewer

Editorial Board for *Perspectives in Behavioral Science* (2018-2021)

Editorial Board for *Journal of the Experimental Analysis of Behavior* (2013-2016; 2020-2023)

Guest reviewer for *Addiction*

Guest reviewer for *The Behavior Analyst*

Guest reviewer for *European Journal for Behavior Analysis*

Guest reviewer for *Journal of Applied Behavior Analysis*

Guest reviewer for *Journal of the Experimental Analysis of Behavior*

Guest reviewer for *Neurotoxicology and Teratology*

Guest reviewer for *Preventative Medicine*

Guest reviewer for *The Psychological Record*

Guest reviewer for *Translational Issues in Psychological Science*

Thesis & Dissertation Direction

Ph.D. Thesis and Dissertation Chair

Batchelder, S. (M.A., 2019). Contingency management interventions for sedentary behavior.

(Ph.D., 2021) Assessing demand for cigarettes and substitutes in African American/Black and White smokers.

Master's Thesis Chair

- Kilbourne, D. (M.S. expected 2025) - TBD
- Farmer, P. (M.S. expected 2025) - TBD
- Redmile, M. (M.S. expected 2024) - Gains and losses framing in contingency management interventions.
- Bigelow, D. (M.S. expected 2023) – Impacts of point loss penalty for texting in the classroom
- Haberman, Ashley (M.S. 2022) – Assessment of Food Reinforcement and Food Choice Among Individuals.
- Newburg, J. (M.A. 2021) Reducing Face Touching using Habit Reversal
- Krumov, Y. (M.A. 2021). Using hypothetical purchase tasks (HPTs) to evaluate medical care choice.
- Brown, J. (2018) A Behavioral Economic Analysis of Gym Membership using a Hypothetical Purchase Task
- Winbourne, H. (2018) Comparing impulsivity and risk-taking behavior in non-smokers, smokers and electronic cigarette users
- Fleuriet, H. (2017) The abuse liability of E-cigarettes: Examining choices between money and e-cig puffs using a multiple-choice procedure
- Proctor, K. (2017) Increasing physical activity using an escalating schedule of monetary reinforcement.
- Devoto, A. (2015) Intermittent monetary reinforcers to increase walking behavior: Can delay discounting predict treatment outcome?
- Hatcher, L.A. (2015) Increasing physical activity using monetary reinforcers: Effects on smoking topography.
- Coleman, B. S. (2014). Oscillating Ratio Schedule of Reinforcement: Increasing Breakpoints by Altering Reinforcement History.
- Gibson, A. L. (2013). Bouts of exercise: A log-survivor analysis of walking in healthy adults.

- Messina, B. G. (2012). The effects of caffeine on subjective levels of intoxication in a blood alcohol discrimination paradigm
- Key, S. I. (2011). Prize based reinforcement to encourage smoking cessation among students.
- Capik, N. A. (2010). The effect of shock on food demand in rats.

Undergraduate Thesis Chair

- Taylor, M. (2015) Goalsetting with and without monetary reinforcement to increase physical activity.
- Mathews, M. (2014). The effect of methoxetamine on operant behavior.
- McMullen, D. (2013). Deposit Contract Intervention to Increase Physical Activity.

Presentations

- Bigelow, D., Redmile, M., Van Heukelom, J. & Donlin Washington, W. (2022, December) Preliminary Evaluation of a Hypothetical Texting Demand Task in the Classroom. Graduate Student Research and Creativity Showcase at UNCW. Wilmington, NC
- Van Heukelom, J., Gonzalez, M., Hawkins, N. & Donlin Washington, W. (2022, December) A preliminary comparison of escalating schedules of incentives: Reset vs. non-reset contingencies. Graduate Student Research and Creativity Showcase at UNCW. Wilmington, NC
- Donlin Washington, W. (2021) Using Contingency Management and Behavioral Economics to Study Health-Related Behavior. Invited Paper presented at the Association for Behavior Analysis International, Virtual Conference.
- Batchelder, S., Krumov, K., Newburg, J., Haberman, A. Bigelow, D and Donlin Washington W. (2021) Assessing Demand for Cigarettes and Substitutes in African American/Black and White Smokers. Poster presented at the Association for Behavior Analysis International, Virtual Conference.
- Krumov, Y., Batchelder, S., Newburg, J., Haberman, A., Reynolds, H., Bigelow, D., & Donlin Washington, W. (2021) Hypothetical Purchase Tasks of Behavioral Treatments for Children. Poster presented at the Association for Behavior Analysis International, Virtual Conference.
- Newburg, J., Batchelder, S., Krumov, Y., Bigelow, D., Reynolds, H. Haberman, A. & Donlin Washington, W. (2021) Characterizing and Reducing Rate and Duration of Face Touching in Adults Through Simplified Habit Reversal. Poster presented at the Association for Behavior Analysis International, Virtual Conference.
- Batchelder, S., Krumov, Y., Newburg, J., Garcia, A., Smithley, M., Rowland, C, Knisley, M., and Donlin Washington, W (2019) Effects of Hourly Monetary Incentives and Prompts on Physical Activity in University Employees. Poster presented at Southeastern Association for Behavior Analysis, Richmond, VA.
- Donlin Washington, W. (2020) Exploring Novel Strategies Increasing and Assessing Physical Activity in Diverse Populations. Paper presented at the Association for Behavior Analysis International, Virtual Conference.
- Batchelder, S., & Donlin Washington, W. (2019) Effects of Reinforcement and Prompts to Reduce Sedentary Behavior in University Employees. Paper presented at Association for Behavior Analysis International, Chicago, IL.
- Batchelder, S., Donlin Washington, W., Krumov, Y. Washington, C., Rowland, C., Smithley, M., Hoyt, K. & Garcia, A. (2019). Prompts and reinforcement effects on university employee's sedentary behavior. Poster presented at the North Carolina Association for Behavior Analysis, Winston-Salem, NC.
- Brown, J., Davis, K., & Donlin Washington, W. (2018) A Behavioral Economic Analysis of Demand for Gym Membership. Poster presented at the Society for the Quantitative Analysis of Behavior, San Diego, CA.
- Donlin Washington, W., & Batchelder, S. (2018) Are the CDC's recommendations for the physical activity adequate? The relationship between reinforcing daily step counts and sedentary behavior. Talk presented at the Association for Behavior Analysis International, San Diego, CA.
- Donlin Washington, W. (2018) Show me the money: Incentivizing Health Promotion. Invited paper presented at the North Carolina Association for Behavior Analysis (NCABA), Winston-Salem, NC.
- Ray, K., Davis, K, Proctor, K, Reynolds, C., Brown, J., Newburg, J., Batchelder, S., and Donlin Washington, W. (2018) Increasing physical activity in adults with deposit contracts. Poster presented at the North Carolina Association for Behavior Analysis (NCABA), Winston-Salem, NC

- Winbourne, H., Batchelder, S. & Donlin Washington, W. (2018) Examining ADHD symptoms and puff preference in nonusers, smokers, electronic cigarette users, and dual users. Poster presented at the ABAI Substance Use and Addiction Conference, Washington, DC.
- Winbourne, H., Newburg, J., & Donlin Washington, W. (2018) Attention and nicotine: Examining ADHD Symptoms and Puff Preference in nonusers, smokers, e-cigarette users, and dual users. Poster presented at the North Carolina Association for Behavior Analysis (NCABA), Winston-Salem, NC
- Brown, J., Proctor, K. E., Rippy, S., Fleuriet, H. J., Winbourne, H., & Donlin Washington, W. (2017). Responsiveness to Contingency Management Interventions for Physical Activity: Baselines, Reinforcers and Participant Characteristics. Poster presented at the Association for Behavior Analysis International, Denver, CO.
- Donlin Washington, W. (2017). Behavioral Contingency Management Interventions to Improve Health. Invited paper presented at the Texas Association for Behavior Analysis (TXABA), Austin, TX.
- Fleuriet, H. J., Winbourne, H., Rippy, S., Adler, M., Dwyer, A., Murdoch, C., Shipman, J., Brown, J., Proctor, K.E., and Donlin Washington, W. (2017). The Abuse Liability of Electronic cigarettes: Examining Choices between Money and Puffs Using a Multiple-Choice Procedure. Poster presented at the North Carolina Association for Behavior Analysis (NCABA), Wrightsville Beach, NC.
- Proctor, K. E., & Donlin Washington, W. (2017). Using a Deposit Contract and Escalating Schedule of Reinforcement to Increase Physical Activity in Adults. Paper presented at the Association for Behavior Analysis International, Denver, CO.
- Proctor, K. E., Rippy, S., Murdoch, C., Dwyer, A., Adler, M., Winbourne, H., Fleuriet, H., Brown, J., Shipman, J. and Donlin Washington, W. (2017). Increasing Physical Activity in Adults Using Escalating Schedules of Monetary Reinforcement. Poster presented at the North Carolina Association for Behavior Analysis (NCABA), Wrightsville Beach, NC.
- Devoto, A., Proctor, K., Taylor, M., Fleuriet, H., and Donlin Washington, W. (2016) Use of Intermittent Reinforcement of Money to Increase Walking in Adults: What Predicts Outcomes? Paper presented at the Association for Behavior Analysis International, Chicago, IL.
- Franchino, A., Devoto, A., Lanoza, A., Winbourne, H., Berry, G., Fleuriet, H. J., Proctor, K., Ball, S., & Donlin Washington, W. (2016). Using Monetary Prize Bowl Draws to Increase Physical Activity in Adults. Paper presented at the UNCW Honors Spring Showcase, Wilmington, NC.
- Proctor, K., Hatcher, L.A., Fleuriet, H., and Donlin Washington, W. (2016) How is cigarette smoking related to physical activity? Poster presented at the Association for Behavior Analysis International, Chicago, IL.
- Alligood, C., Donlin Washington, W., & Anderson, K. (2015). *Southeastern Association for Behavior Analysis*. Poster presented at the Association for Behavior Analysis International, San Antonio, TX.
- Donlin Washington, W. (2015). *Contingency Management Interventions for Health*. Invited paper presented at the North Carolina Association for Behavior Analysis, Asheville, NC.
- Donlin Washington, W., McMullen, D., Devoto, A., Hatcher, L. A., & Acton, B. (2015). *Increasing Physical Activity Deficiencies with Deposit Contracts in Healthy Adults*. Paper presented at the Association for Behavior Analysis International, San Antonio, Tx.
- Fleuriet, H. J., Hatcher, L. A., Proctor, K. E., & Donlin Washington, W. (2015). *Increasing Physical Activity Using Monetary Reinforcement: Effects on Smoking Topography*. Paper presented at the Southeastern Association for Behavior Analysis, Roanoke, VA.
- Hatcher, L. A., Devoto, A., Fleuriet, H. J., & Donlin Washington, W. (2015). *Increasing Physical Activity Using Monetary Reinforcement: Effects on Smoking Topography*. Paper presented at the North Carolina Association for Behavior Analysis, Asheville, NC.
- Hatcher, L. A., Fleuriet, H. J., & Donlin Washington, W. (2015). *Increasing Physical Activity Using Monetary Reinforcement: Effects on Smoking Topography*. . Paper presented at the Poster presented at the 3rd Annual Conference of Behavior Change, Health and Health Disparities, Burlington, VT.
- Lanoza, A., Winbourne, H., Franchino, A., Berry, G., Proctor, K. E., Fleuriet, H. J., & Donlin Washington, W. (2015). *Using Monetary Prize Bowl Draws to Increase Physical Activity in Adults*. Paper presented at the UNCW Honors Fall Showcase, UNCW.
- Mathews, M., & Donlin Washington, W. (2015). *Methoxetamine's Behavioral Effects on a Multiple FR 30 FI 240s Schedule*. Poster presented at the Association for Behavior Analysis International, San Antonio, TX.

- Proctor, K. E., Devoto, A., Taylor, M., Fleuriel, H. J., Berry, G., Franchino, A., . . . Donlin Washington, W. (2015). *Using Monetary Prize Bowl Draws to Increase Physical Activity in Adults*. Paper presented at the Southeastern Association for Behavior Analysis, Roanoke, VA.
- Taylor, M., Devoto, A., Hatcher, L. A., Kennedy, C., Proctor, K. E., Fleuriel, H. J., & Donlin Washington, W. (2015). *Increasing physical activity using goal setting and contingency management*. Paper presented at the UNCW Student Research Showcase, Wilmington, NC.
- Devoto, A., McMullen, D., Acton, B., Martin, A., Lee, Y., Taylor, M., . . . Donlin Washington, W. (2014). *Deposit Contract Intervention to Increase Physical Activity*. Paper presented at the Virginia Association of Behavior Analysis, Leesburg, VA.
- Devoto, A., Hatcher, L. A., Taylor, M., Fleuriel, H. J., Proctor, K. E., Camp, D., & Donlin Washington, W. (2014). *Intermittent Monetary Reinforcement to Increase Walking*. Paper presented at the Southeastern Association for Behavior Analysis, Wilmington, NC.
- Mathews, M., Taylor, M., Linden, M., Lee, Y., Masten, D., Daughtry, S., & Donlin Washington, W. (2014). *Effects of Methoxetamine on a Multiple FR30 FI 240s Schedule*. Paper presented at the UNCW Student Research Showcase, Wilmington, NC.
- Taylor, M., McMullen, D., Devoto, A., Hatcher, L. A., Acton, B., & Washington, W. D. (2014). *Deposit Contracts to Increase Walking in Healthy Adults*. Paper presented at the Southeastern Association for Behavior Analysis, Wilmington, NC.
- Anderson, K., St. Peter, C., Kyonka, E., & Donlin, W. (2013). *Southeastern Association for Behavior Analysis*. Paper presented at the Association for Behavior Analysis International, Minneapolis, MN.
- Coleman, B., Mathews, M., Daughtry, S., Masten, D., & Washington, W. D. (2013). *The persistence of reinforcement history on progressive ratio performance*. Poster presented at the Southeastern Association for Behavior Analysis, Myrtle Beach, SC.
- Daughtry, S., Mathews, M., Masten, D., Lee, Y., Freeman, K., Coleman, B., & Washington, W. D. (2013). *Progressive Ratio Breakpoints are Sensitive to Free Food*. Poster presented at the Southeastern Association for Behavior Analysis, Myrtle Beach, SC.
- Donlin Washington, W. (2013). *Reinforcing Physical Activity: How do we choose populations, measure activity, and program reinforcement?* Poster presented at the Invited North Carolina Association for Behavior Analysis, Wilmington NC.
- Gibson, A. L., & Donlin, W. (2013). *Prize Bowl Reinforcement for Increasing Stepping in Healthy Adults*. Paper presented at the Association for Behavior Analysis International, Minneapolis, MN.
- Hajda, R., Mathews, M., Masten, D., Coleman, B., & Donlin Washington, W. (2013). *Free Food Increases Behavior on Progressive Ratio Schedules* Paper presented at the Poster Presented at North Carolina Association for Behavior Analysis, Wilmington, NC.
- Masten, D., McMullen, D., Martin, A., Devoto, A., Daughtry, S., Gibson, A. L., & Washington, W. D. (2013). *Contingency Management for Physical Activity: Will People Work for Their Own Money?* Paper presented at the Southeastern Association for Behavior Analysis, Myrtle Beach, SC.
- McMullen, D., Smith, B., Martin-Fernandez, J., Wormley, K., Masten, D., Gibson, A. L., & Donlin, W. (2013). *Deposit Contract Intervention to Increase Physical Activity*. Poster presented at the Virginia Association for Behavior Analysis, Harrisonburg, VA.
- Coleman, B., Salonen, L., Rhodes, R., Masten, D., Mathews, M., & Donlin Washington, W. (2012). *Parametric investigation of step size and free food delivery on progressive ratio schedules*. Paper presented at the Poster at the Southeastern Association for Behavior Analysis, Greenville, SC.
- Donlin Washington, W. (2012). *Behavioral Health Issues: Substance Abuse, Sleep and Tobacco Use*. Panelist at the Longitudinal Study of Medical Requirements for Wounded, Ill or Injured Service Members, Washington, DC.
- Donlin Washington, W., & Gibson, A. L. (2012). *Translating Contingency Management Interventions to Target Fitness and Obesity*. Paper presented at the American Psychological Association, Div 25 & Div 28, Orlando, FL.
- Donlin Washington, W., Wall, K. A., Gibson, A. L., King, D., & Coleman, B. (2012). *Using Percentile Schedules to Increase Steps Taken in Adults*. Paper presented at the Association for Behavior Analysis International, Seattle, WA.

- Gibson, A. L., Wall, K. A., Godfrey, W., Smith, B., McMullen, D., & Donlin Washington, W. (2012). *A multiple baseline percentile reinforcement schedule to increase stepping in healthy adults*. Paper presented at the Poster at the Southeastern Association for Behavior Analysis, Greenville, SC.
- Gibson, A. L., Wall, K. A., Banna, K. M., & Donlin Washington, W. (2012). *Bouts of Exercise: Stepping up to a Log-Survivor Analysis*. Paper presented at the Association for Behavior Analysis International, Seattle, WA.
- Donlin Washington, W. (2011). *Using Contingency Management to Incentivize Healthy Behavior*. Invited paper presented at the Southeastern Association for Behavior Analysis, Charlotte, NC.
- Donlin Washington, W., King, D. P., & Wall, K. A. (2011). *Moving Forward: Contingency Management Applications for Physical Fitness*. Invited paper presented at the College for Problems of Drug Dependence, Contingency Management Working Group, Hollywood, FL.
- Wall, K. A., King, D., Gibson, A. L., Salonen, L., Brown, L. S., & Donlin, W. (2011). *A Percentile Schedule to Increase Walking in Healthy Adults*. Poster presented at the Southeastern Association for Behavior Analysis, Charlotte, NC.
- Coleman, B., Nance, J., Lloyd, S., Shemery, A., Salonen, L., & Donlin, W. (2011). *Parametric Investigation of Progressive Ratio Increments and Session Ending Criteria on Response Rates and Break Points in Rats*. Poster presented at the Southeastern Association for Behavior Analysis, Charlotte, NC.
- Anderson, Karen, Saunders, Kathryn, Zinn, Tracy E., & Donlin, Wendy. (2011). *Southeastern Association for Behavior Analysis*. Poster presented at the Association for Behavior Analysis International.
- Dunn, Kelly, Defulio, Anthony, Everly, Jeffrey, Donlin, Wendy, Umbricht, Annie, Fingerhood, Michael, et al. (2011). *Employment-based reinforcement of adherence to oral naltrexone treatment within unemployed injection drug users*. Paper presented at the American Psychological Association, Washington DC.
- Dunn, Kelly, Defulio, Anthony, Everly, Jeffrey, Donlin, Wendy, Umbricht, Annie, Fingerhood, Michael, et al. (2011). *Employment-based reinforcement of adherence to oral naltrexone treatment within unemployed injection drug users: 12-month follow-up*. Paper presented at the College for Problems of Drug Dependence, Hollywood, FL.
- Capik, N. A., Revri, A., Coleman, B., & Donlin, W. (2010). *The effects of variable ratio shock on food consumption in a behavioral economics paradigm*. Poster presented at the Association for Behavior Analysis International San Antonio, TX.
- Donlin, W., Stallings, M. E., & Newland, M. C. (2010). *A Parametric Evaluation of Percentile IRT schedules using Log Survivor Plots*. Paper presented at the Association for Behavior Analysis International, San Antonio, TX.
- Dunn, K., Defulio, A., Donlin, W., Umbricht, A., Fingerhood, M., Bigelow, G., et al. (2010). *Employment-based reinforcement of oral naltrexone compliance within unemployed injection drug users*. Paper presented at the College for Problems of Drug Dependence, Scottsdale AZ.
- Dunn, K., Defulio, A., Everly, J., Donlin, W. D., Umbricht, A., Fingerhood, M., et al. (2010). *Employment-based Reinforcement of Naltrexone Compliance in Unemployed Heroin-dependent Adults*. Paper presented at the Association for Behavior Analysis International, San Antonio, TX.
- Key, S. I., Witt, L., King, D., Schilly, N., Throckmorton, M., & Donlin, W. (2010). *Intermittent Reinforcement for Smoking Abstinence Among College Students*. Paper presented at the Virginia Association for Behavior Analysis, Harrisonburg, VA.
- King, D., Coleman, B., Van Camp, C., & Donlin, W. (2010). *Accuracy and Reliability Testing of the Fitbit® Computerized Pedometer for Contingency Management Interventions*. David King, Brian S. Coleman, Carole Van Camp and Wendy Donlin. Poster presented at the Southeastern Association for Behavior Analysis, Asheville, NC.
- Revri, A., Coleman, B., Messina, B., Richmond, J., & Donlin, W. (2010). *Establishing Baseline Demand Curves: How Many FRs are Needed?* Poster presented at the Southeastern Association for Behavior Analysis, Asheville.
- Capik, N. A., Key, S. I., McIntyre, K. L., Rosato, J. M., Wellborn, C. A., & Donlin, W. D. (2009). *The validity of various smoking abstinence measures used in contingency management*. Paper presented at the Virginia Association for Behavior Analysis, Harrisonburg, VA.
- Capik, N. A., Revri, A., & Donlin, W. (2009). *Examining punishment in a behavioral economics paradigm*. Poster presented at the Southeastern Association for Behavior Analysis, Wilmington, NC.
- Defulio, A. L., Donlin, W., Wong, C. J., & Silverman, K. (2009). *Employment-based abstinence reinforcement as a maintenance intervention for the treatment of persistent cocaine use in methadone patients with 24-month follow-up*. Paper presented at the College for Problems on Drug Dependence, Reno, NV.

- Defulio, A. L., Donlin, W., Wong, C. J., & Silverman, K. (2009). *Extending the principle of response dependency to the problem of cocaine addiction: A randomized controlled trial*. Paper presented at the Association for Behavior Analysis, Phoenix, AZ.
- Donlin, W., Needham, M., & Silverman, K. (2009). *Keyboard Typing Acquisition With an Automated Training Program Across Multiple Baselines*. Paper presented at the Association for Behavior Analysis, Phoenix, AZ.
- Key, S. I., Rosato, J. M., Capik, N. A., Wellborn, C. A., & Donlin, W. D. (2009). *Predictors of smoking abstinence in a randomized contingency management study*. Paper presented at the Virginia Association for Behavior Analysis, Harrisonburg, VA.
- Defulio, A., Needham, M., Donlin, W., Wong, C. J., & Silverman, K. (2008). *Employment-based abstinence reinforcement as a maintenance intervention for the treatment of persistent cocaine use in methadone patients: A molecular analysis*. Paper presented at the College on Problems of Drug Dependence (CPDD), San Juan, Puerto Rico.
- Donlin, W., & Silverman, K. (2008). *Employment-Based Abstinence Reinforcement in the Treatment of Cocaine Addiction*. Paper presented at the North Carolina Association for Behavior Analysis, Wrightsville Beach, NC.
- Donlin, W., Stitzer, M., & Houtsmuller, E. (2008). *Efficacy of Lapse-Responsive Abstinence Reinforcement for Smoking Cessation*. Paper presented at the Association for Behavior Analysis International, Chicago, IL.
- Hurst, R., Hughes, C., & Donlin, W. (2008). *The Tenure Track at University of North Carolina, Wilmington: Life in the Fast Lanes (Teaching, Research, and Service)*. Paper presented at the Association for Behavior Analysis International, Chicago, IL.
- Defulio, A., Needham, M., Donlin, W., Wong, C. J., & Silverman, K. (2007). *Employment-Based Abstinence Reinforcement as a Maintenance Intervention for the Treatment of Persistent Cocaine Use in Methadone Patients*. Paper presented at the Johns Hopkins Bayview Research Symposium, Baltimore MD.
- Donlin, W. (2007). *Predictors of cocaine abstinence in employment based abstinence reinforcement*. Paper presented at the Virginia Association for Behavior Analysis, Harrisonburg, VA.
- Donlin, W., Knealing, T., Needham, M., Wong, C. J., & Silverman, K. (2007). *Sequential cocaine and opiate abstinence contingencies in methadone patients working in the "Therapeutic Workplace"*. Paper presented at the Association for Behavior Analysis, San Diego, CA.
- Donlin, W., Wong, C. J., Knealing, T., & Silverman, K. (2007). *Workplace attendance as a predictor of cocaine abstinence in methadone patients exposed to employment-based abstinence reinforcement*. Paper presented at the College on Problems of Drug Dependence, Quebec City.
- Hammonds, F., Donlin, W., & Hooten, M. A. (2007). *Effectively Communicating Risk Information*. Paper presented at the Presentation made at the Troy University Psychology Conference, Troy, AL.
- Hammonds, J. F., & Donlin, W. (2007). *Comprehension and Retention of Risk Information*. Paper presented at the Association for Behavior Analysis, San Diego, CA.
- Silverman, K., Donlin, W., Knealing, T., & Wong, C. J. (2007). *Employment-based abstinence reinforcement as a maintenance intervention for the treatment of persistent cocaine use in methadone patients*. Paper presented at the College on Problems of Drug Dependence, Quebec City, CAN.
- Donlin, W., Knealing, T., Needham, M., Kolodner, K., Wong, C. J., & Silverman, K. (2006). *Employment-based reinforcement of sequential cocaine then opiate abstinence in unemployed community methadone patients*. Paper presented at the Maryland Association for Behavior Analysis, Baltimore, MD.
- Donlin, W., Knealing, T., Wong, C. J., & Silverman, K. (2006). *Employment-Based Reinforcement in the Maintenance of Cocaine Abstinence*. Paper presented at the College on Problems of Drug Dependence, Scottsdale, AZ.
- Donlin, W., Newland, M. C., Reed, M., & Heath, J. (2006). *Chronic Methylmercury and Selenium Interactions in an Animal Model*. Paper presented at the Conference on Mercury as a Global Pollutant, Madison, WI.
- Donlin, W., Newland, M. C., Reed, M., & Heath, J. (2006). *Chronic Methylmercury and Selenium Interactions in an Animal Model*. Invited Paper presented at the Mercury 2006: Conference on Mercury as a Global Pollutant, Madison WI.
- Donlin, W. D., Knealing, T. W., Needham, M., Kolodner, K., Fingerhood, M., Wong, C. J., et al. (2006). *A quasi-experimental evaluation of employment-based reinforcement of cocaine and opiate abstinence in unemployed community methadone patients*. Paper presented at the The College on Problems of Drug Dependence, Scottsdale, AZ.
- Knealing, T. W., Donlin, W. D., Kolodner, K., Wong, C. J., & Silverman, K. (2006). *Predictors of cocaine abstinence in injection-drug-using methadone patients exposed to employment-based abstinence reinforcement*. Paper presented at the College on Problems of Drug Dependence, Scottsdale, AZ.

- Newland, M. C., & Donlin, W. D. (2006). *Applied Modeling and the Identification of Behavioral Mechanisms of Action*. Paper presented at the Association for Behavior Analysis and Society for the Quantitative Analysis of Behavior Conference, Atlanta, GA.
- Newland, M. C., Heath, J., Reed, M., & Donlin, W. (2006). *Developmental Neurotoxicity of Mercury in Rats on Selenium-Rich Diets*. Paper presented at the Conference on Mercury as a Global Pollutant, Madison, WI.
- Newland, M. C., Heath, J., Reed, M., & Donlin, W. (2006). *Mercury and selenium interactions in an animal model*. Invited Paper presented at the Mercury 2006: International Conference on Mercury as a Global Pollutant, Madison WI.
- Silverman, K., Wong, C. J., Knealing, T. W., Donlin, W. D., & Grabinski, M. J. (2006). *Web-Based Therapeutic Workplace in the Treatment of Drug Addiction and Chronic Unemployment*. Paper presented at the American Psychological Association Conference, New Orleans, LA.
- Donlin, W., & Newland, M. C. (2005). *Increased Sensitivity to Pentobarbital on the Behavior of Rats Exposed to Methylmercury and Selenium*. Paper presented at the 22nd International Neurotoxicology Conference, Research Triangle, NC.
- Donlin, W. D., & Newland, M. C. (2005). *Comparing response rate components of two multiple schedule arrangements using a log survivor plot analysis of interresponse times*. Paper presented at the Association for Behavior Analysis Conference, Chicago, Ill.
- Donlin, W., & Newland, M. (2004). *Analysis of bouts of lever pressing maintained under a percentile IRT 10:0.5 schedule of reinforcement*. Poster presented at the Southeastern Association for Behavior Analysis, Charlotte, NC.
- Donlin, W. D., & Newland, M. C. (2004). *Analysis of response bursts in rats chronically exposed to methylmercury and n-3 fatty acids postnally*. Paper presented at the Behavioral Toxicology Society Conference, Research Triangle, NC.
- Hammonds, J. F., Donlin, W. D., & Newland, M. C. (2004). *Communicating risk: The effects of method of presentation on understanding and memory for risk information*. Paper presented at the Association for Behavior Analysis Conference, Boston, MA.
- Heath, J., Donlin, W. D., Reile, P., & Newland, M. C. (2004). *Rates of acquisition under a percentile schedule in rats exposed to methylmercury on a high or low DHA diet*. Paper presented at the Association for Behavior Analysis Conference, Boston, MA.
- Pesek, E., Donlin, W., Rahn, E., & Newland, M. (2004). *Effects of methylmercury and selenium on acquisition of fixed ratio performance under a progressive ratio schedule*. Poster presented at the Southeastern Association for Behavior Analysis, Charlotte, NC.
- Reile, P., Paletz, E., Donlin, W. D., & Newland, M. C. (2004). *Behavior in transition under concurrent schedules of reinforcement following drug and toxicant exposure*. Paper presented at the Association for Behavior Analysis Conference, Boston, MA.
- Donlin, W. D., Heath, J., Reile, P., & Newland, M. C. (2003). *Acquisition of different interresponse time classes under a percentile IRT schedule*. Poster presented at the Southeastern Association for Behavior Analysis Conference, Greenville, SC.
- Donlin, W. D., Reed, M. N., Stallings, M. E., Reile, P., Paletz, E. M., & Newland, M. C. (2003). *The Role of Drug Challenges in Unmasking Behavioral Toxicity*. Paper presented at the Association for Behavior Analysis Conference, San Francisco, CA.
- Donlin, W. D., Reile, P., Paletz, E. M., Newland, M. C., & Craig-Schmidt, M. C. (2003). *Developmental exposure to methylmercury: Increased sensitivity to norepinephrine and serotonin neurotransmission*. Paper presented at the Behavioral Toxicology Society Conference, Philadelphia, PA.
- Newland, M. C., Donlin, W. D., Paletz, E. M., Reile, P., & Craig-Schmidt, M. C. (2003). *Interactions between exposure to polyunsaturated fatty acids and methylmercury on high rate behavior maintained under a percentile schedule of reinforcement*. Paper presented at the Behavioral Toxicology Society Conference, Philadelphia, PA.
- Paletz, E. M., Reile, P., Donlin, W. D., Stallings, M. E., & Newland, M. C. (2003). *Acquisition and Maintenance of Behavior Under a Percentile Schedule in Rats: Effects Methylmercury Exposure and n-3 Fatty Acids*. Paper presented at the Association for Behavior Analysis Conference, San Francisco, CA.
- Reed, M., Donlin, W., Paletz, E., & Newland, M. C. (2003). *Effects of Desipramine on behavior under a fixed interval schedule in rats exposed to methylmercury and n-3 fatty acids during gestation*. Poster presented at the Southeastern Association for Behavior Analysis, Greenville, SC.

- Donlin, W. D., Paletz, E., Reile, P., Stallings, M. E., & Newland, M. C. (2002). *Effects of cocaine on high-rate behavior in rats exposed to methylmercury and n-3 fatty acids*. Poster session presented at the Southeastern Association for Behavior Analysis Conference, Charleston, SC.
- Reed, M., Donlin, W., Paletz, E., Reile, P., Stallings, M. E., & Newland, M. C. (2002). *Behavior Under a Fixed Interval Schedule in Rats Exposed to Methylmercury and n-3 Fatty Acid During Gestation*. Poster presented at the Southeastern Association for Behavior Analysis, Charleston, SC.
- Donlin, W. D., Rasmussen, E. B., & Newland, M. C. (2000). *Chronic and acute toxicity of manganese on operant licking in the rat*. Poster presented at the Southeastern Association for Behavior Analysis Conference, Chattanooga, TN.
- Rasmussen, E., Donlin, W. D., & Newland, M. C. (2000). *Acute Effects of Manganese Exposure on Operant Licking in the Rat*. Paper presented at the Association for Behavior Analysis Conference, Washington, D.C.
- Donlin, W. D., Rasmussen, E. B., & Newland, M. C. (1999). *An Analysis of the Conditionability of Rats' Licking Behavior*. Poster presented at the Southeastern Association for Behavior Analysis Conference, Columbia, SC.
- Rasmussen, E., Donlin, W., & Newland, M. C. (1999). *Acute Effects of Manganese Exposure on Operant Licking in the Rat*. Poster presented at the Southeastern Association for Behavior Analysis, Columbia, SC.
- Perone, M., Carlin, L., & Donlin, W. D. (1998). *Human observing of discriminative stimuli providing useless information: Will the reinforcing value of S+ differ from S-?* Paper presented at the Association for Behavior Analysis Conference, Orlando, FL.