

**CURRICULUM VITA**  
*[Updated October 5, 2011]*

**JOHN CHARLES BORRERO, Ph.D.**

**EDUCATION**

Ph.D.	2004	University of Florida, Behavior Analysis
M.S.	2001	University of Florida, Behavior Analysis
B.S.	1997	Louisiana State University, Psychology

**Experience in Higher Education**

2010-present	University of Maryland, Baltimore County, Associate Professor (tenured), Psychology
2007 – 2010	University of Maryland, Baltimore County, Assistant Professor (tenure track), Psychology
2004 – 2007	University of the Pacific, Assistant Professor (tenure track), Psychology

**Experience in Other than Higher Education**

2001-2004	Coordinator, Florida Department of Children and Families-Family Safety-Applied Behavior Analysis Initiative
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**Honors Received**

2008	B. F. Skinner New Researcher Award (Applied), Awarded by Division 25 of the American Psychological Association for important, innovative work conducted by individuals who are within 7 years of receiving their doctorate
2007-2009	Henry C. Welcome Fellowship, Awarded by the Maryland Higher Education Commission
2004	University of Florida, President's Recognition of Outstanding Students, Recognized by President J. Bernard Machen
2003	Pioneer Psychology Faculty Fund Award, Awarded by the Department of Psychology faculty at the University of Florida on the basis of excellent academic performance and promise in the conduct of research in the science of psychology
2003	E. F. Malagodi, Jr. Memorial Scholarship, Awarded by the Behavior Analysis faculty at the University of Florida for the student who best exemplifies Dr. Malagodi's dedication to the conceptual, theoretical, and empirical foundations of a science of behavior
2002	Sidney W. and Janet R. Bijou Fellowship, Awarded by the Society for the Advancement of Behavior Analysis to enable doctoral students to study child development from a behavior-analytic perspective

**Research Support and/or Fellowships**

- 2010 Title: Behavioral Economics in MRDD and Behavior Disorders (Competitive Renewal)  
Sponsor: National Institute of Child Health and Human Development  
ID#: 2R01HD049753-04  
Total Direct Costs Requested: \$700,000.00  
Principal Investigator: Iser DeLeon, Ph.D.  
Role (and Effort): Co-Investigator (16%)  
Dates: December 2009 – November 2013  
Funded.
- 2008 Summer Faculty Funding Fellowship (UMBC). Principal Investigator: Translational evaluations of spending and consumption: Manipulations of cost and payoff. \$6,000.00.
- 2006 National Science Foundation, Collaborative research: A virtual reality laboratory and curriculum for undergraduates. Principal Investigator: D. Cilburn, Co- Principal Investigators: J. Borrero, M. Doherty. \$103,490.00.  
*Funded, however my participation was withdrawn after changing institutions.*
- 2005 Eberhardt Research Fellowship (University of the Pacific). Principal Investigator: An evaluation of earned and free rewards on academic responding. \$3,500.00.

**Master's Students:**Chair: Completed capstone projects and theses

- Megan Pangnorn 2011 (Committee Co-Chair, UMBC)  
Emily Rubio 2011 (Committee Co-Chair, UMBC)  
Aaron Lesser 2010 (Committee Chair, UMBC)  
Linda-Mai Nguyen 2010 (Committee Chair, UMBC)  
Carolina Reyes 2010 (Committee Chair, UMBC)  
Kristin Kiel 2010 (Committee Chair, UMBC)  
Mariana Castillo 2010 (Committee Chair, UMBC)  
G. Joesph Schlereth 2010 (Committee Chair, UMBC)  
Daniah Amir 2010 (Committee Chair, UMBC)  
Christopher Kitchen 2009 (Committee Chair, UMBC)  
Yanerys Leon 2009 (Committee Chair, UMBC)  
Amber Mendres 2009 (Committee Chair, UMBC)  
Julia Woods 2009 (Committee Chair, UMBC)  
Jolene R. Sy 2008 (Committee Chair, University of the Pacific)  
Monica T. Francisco 2007 (Committee Chair, University of the Pacific)  
Sandeep K. Sran 2007 (Committee Chair, University of the Pacific)

Member: Completed capstone projects and theses

- Brandon Ring 2011 (Committee Member, UMBC)  
Allison Schultz 2010 (Committee Member, UMBC)  
Seth Clark 2010 (Committee Member, UMBC)  
Barbara Tomlian 2009 (Committee Member, UMBC)

Cynthia Escobar	2008 (Committee Member, UMBC)
Janie Webb	2008 (Committee Member, UMBC)
Xeres Delmendo	2007 (Committee Member, University of the Pacific)
Lauren Wasano	2007 (Committee Member, University of the Pacific)

Chair: Current service

Kellianne Montgomery	2009 (Committee Chair, UMBC)
Jamie Bartels	2007 (Committee Chair, University of the Pacific)

Member: Current service

Laura Melton	2010 (Committee Member, UMBC)
Jessica Becraft	2010 (Committee Member, UMBC)
Nicole Marchetto	2009 (Committee Member, UMBC)
Alexa Garcia	2009 (Committee Member, UMBC)
Meghan Pangborn	2009 (Committee Member, UMBC)
Ashley Hogan	2009 (Committee Member, UMBC)
Zora Pace	2008 (Committee Member, UMBC)

**Ph.D. Students:**Current Service

Nicole Whyms-Brocato	2010 (Dissertation Committee Member)
Mary Shuttlesworth	2010 (Qualifying Exam Committee Member)
Soumitri Sil	2009 (Dissertation Committee Member, and Reader)
Miranda Garay	2009 (Dissertation Committee Member)
Christy Leung	2009 (Qualifying Exam Committee Member)
Amber Mendres	2009-present (Mentor)
Abbey Carreau	2008-present (Mentor)
Anna Burns	2008 (Dissertation Committee Member)
Lisa Toole	2008-present (Mentor, Comprehensive Exam Committee Chair, 2009)
Michelle Frank	2007-present (Mentor)
Nicole Hausman	2007-present (Mentor, Comprehensive Exam Committee Chair, 2009)

**Undergraduate Students:**

Emily Bartlett	2011, UMBC ( <i>PSYC 397, Research Experience</i> )
Amy Lacosse	2011, UMBC ( <i>PSYC 397, Research Experience</i> )
Minjote Mekonen	2011, UMBC ( <i>PSYC 397, Research Experience</i> )
Christian Liban	2010-2011, UMBC ( <i>PSYC 397, Research Experience</i> )
Nathan Murphy	2010-2011, UMBC ( <i>PSYC 397, Research Experience</i> )
Julie Young	2009-2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Florian Muellerklein	2009-2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Soo Lee	Spring 2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Katherine Travers	2009-2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Joanne Croos	Spring 2010, UMBC ( <i>PSYC 397, Research Experience</i> )
William Castillo	2009-2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Umar Khan	2009, UMBC ( <i>HONRS 410, Research Experience</i> )
Penina Backer	2009, UMBC ( <i>PSYC 398, Internship</i> )
Jean Kim	2009, UMBC ( <i>PSYC 397, Research Experience</i> )
Katherine Travers	2009, UMBC ( <i>PSYC 398, Internship</i> )
Michael Cooper	2008, UMBC ( <i>PSYC 397, Research Experience</i> )
Annie Bui	2008, UMBC ( <i>PSYC 397, Research Experience</i> )
Nicholas Caminiti	2008, UMBC ( <i>PSYC 397, Research Experience</i> )

Samantha Haines	2008-2010, UMBC ( <i>PSYC 397, Research Experience</i> )
Sadaf Siddiqi	2008, UMBC ( <i>PSYC 398, Internship</i> )
Lauren Palmer	2007, UMBC ( <i>PSYC 397, Research Experience</i> )
Henry Hollowell	2007, UMBC ( <i>PSYC 397, Research Experience</i> )
Tom Flis	2007, UMBC ( <i>PSYC 397, Research Experience</i> )
Kathryn Kestner	2006-2007, University of the Pacific
Joshua Jessel	2006-2007, University of the Pacific
David Wells	2006-2007, University of the Pacific
Stephany Crisolo	2005-2007, University of the Pacific
Rebecca Jackson	2005-2007, University of the Pacific
Quichen Tu	2005-2007, University of the Pacific
Kenny Yamamoto	2005-2007, University of the Pacific

## PUBLICATIONS, PRESENTATIONS, AND CREATIVE ACHIEVEMENTS

### Publications

- **Peer-Reviewed Works**

Frank-Crawford, M. A., **Borrero, J. C.**, Nguyen, L., Leon-Enriquez, Y., Carreau-Webster, A. B., & Deleon, I. G. (in press). Disruptive effects of contingent food on high-probability behavior. *Journal of Applied Behavior Analysis*.

**Borrero, J. C.**, Bartels-Meints, J. A., Sy, J. R., & Francisco, M. T. (2011). Fixed-time schedule effects: Alone and in combination with concurrent response-dependent schedules. *Journal of Applied Behavior Analysis, 44*, 163-167.

Mendres, A. E., & **Borrero, J. C.** (2010). Development and modification of a response class via positive and negative reinforcement: A translational approach. *Journal of Applied Behavior Analysis, 43*, 653-672.

Sy, J. R., **Borrero, J. C.**, & Borrero, C. S. W. (2010). Characterizing response-reinforcer relations in the natural environment: Exploratory matching analyses. *The Psychological Record, 60*, 609-626.

Sran, S. K., & **Borrero, J. C.** (2010). Assessing the value of choice in a token system. *Journal of Applied Behavior Analysis 43*, 553-557.

Borrero, C. S. W., Vollmer, T. R., **Borrero, J. C.**, Bourret, J. C., Sloman, K. N., Samaha, A. L., & Dallery, J. (2010). Concurrent reinforcement schedules for problem behavior and appropriate behavior: Experimental applications of the matching law. *Journal of the Experimental Analysis of Behavior, 93*, 453-467.

Borrero, C. S. W., Woods, J. N., **Borrero, J. C.**, Masler, E. A., & Lesser, A. D. (2010). Descriptive analyses of pediatric food refusal and acceptance. *Journal of Applied Behavior Analysis, 43*, 71-88.

Woods, J. N., **Borrero, J. C.**, Laud, R. B., & Borrero, C. S. W. (2010). Descriptive analyses of pediatric food refusal: The structure of parental attention. *Behavior Modification, 34*, 35-56.

Sy, J. R., & **Borrero, J. C.** (2009). Parametric analyses of pre-session exposure to edible and nonedible

- stimuli. *Journal of Applied Behavior Analysis*, 42, 833-837.
- Delmendo, X., **Borrero, J. C.**, Beauchamp, K. L., & Francisco, M. T. (2009). Consumption and response output as a function of unit price: The effect of cost and benefit components. *Journal of Applied Behavior Analysis*, 42, 609-625.
- Francisco, M. T., Madden, G. J., & **Borrero, J. C.** (2009). Behavioral economics: Principles, procedures, and utility for Applied Behavior Analysis. *The Behavior Analyst Today*, 10, 277-294.
- Wasano, L. C., **Borrero, J. C.**, & Kohn, C. S. (2009). Brief report: A comparison of indirect versus experimental strategies for the assessment of pica. *Journal of Autism and Developmental Disorders*, 39, 1582-1586.
- Borrero, J. C.** (2008). Commentary: Gambling and risky choice. *Analysis of Gambling Behavior*, 2, 107-109.
- Van Camp, C. M., Vollmer, T. R., Goh, H., Whitehouse, C. M., Reyes, J., Montgomery, J., & **Borrero, J. C.** (2008). Behavioral parent training in child welfare: Evaluations of skills acquisition. *Research on Social Work Practice*, 18, 377-391.
- Witherup, L. R., Vollmer, T. R., Van Camp, C. M., Goh, H. L., **Borrero, J. C.**, & Mayfield, K. (2008). Baseline measurement of running away among youth in foster care. *Journal of Applied Behavior Analysis*, 41, 305-318.
- Francisco, M. T., **Borrero, J. C.**, & Sy, J. R. (2008). Evaluation of relative and absolute reinforcer value using progressive ratio schedules. *Journal of Applied Behavior Analysis*, 41, 189-202.
- Borrero, C. S. W., & **Borrero, J. C.** (2008). Descriptive and experimental analyses of potential precursors to problem behavior. *Journal of Applied Behavior Analysis*, 41, 83-96.
- Borrero, J. C.**, Francisco, M. T., Haberlin, A. H., Ross, N. A., & Sran, S. K. (2007). A unit price evaluation of severe problem behavior. *Journal of Applied Behavior Analysis*, 40, 463-474.
- Dozier, C. L., Vollmer, T. R., **Borrero, J. C.**, Borrero, C. S., Rapp, J. T., Bourret, J., & Gutierrez, A. (2007). Assessment of preference for behavioral treatment versus baseline conditions. *Behavioral Interventions*, 22, 245-261.
- Borrero, J. C.**, Vollmer, T. R., Samaha, A. L., Sloman, K. N., & Francisco, M. T. (2007). Evaluating features of behavioral treatments in the nonhuman animal laboratory. *The Behavior Analyst Today*, 8, 136-144.
- Borrero, J. C.**, Crisolo, S. S., Tu, Q., Rieland, W. A., Ross, N. A., Francisco, M. T., & Yamamoto, K. Y. (2007). An application of the matching law to social dynamics. *Journal of Applied Behavior Analysis*, 40, 589-601.
- Gutierrez, A., Jr., Vollmer, T. R., Dozier, C. L., **Borrero, J. C.**, Rapp, J. T., Bourret, J., & Gadaire, D. (2007). Manipulating establishing operations to verify and establish stimulus control during mand training. *Journal of Applied Behavior Analysis*, 40, 645-658.
- Borrero, C. S. W., Vollmer, T. R., **Borrero, J. C.**, & Bourret, J. (2005). A method of evaluating

- parameters of reinforcement during parent-child interactions. *Research in Developmental Disabilities*, 26, 577-592.
- Sloman, K. N., Vollmer, T. R., Cotnoir, N., Borrero, C. S. W., **Borrero, J. C.**, Samaha, A., L., & St. Peter, C. (2005). Descriptive analyses of caregiver reprimands. *Journal of Applied Behavior Analysis*, 38, 373-383.
- Borrero, C. S. W., Vollmer, T. R., & **Borrero, J. C.** (2004). Combining descriptive and functional analysis logic to evaluate idiosyncratic variables maintaining aggression. *Behavioral Interventions*, 19, 247-262.
- Van Camp, C. M., **Borrero, J. C.**, & Vollmer, T. R. (2002). The role of behavior analysis in the assessment and treatment of abused and neglected children. *The Behavior Analyst Today*, 3, 389-404.
- Borrero, J. C.**, Vollmer, T. R., & Wright, C. S. (2002). An evaluation of contingency strength and response suppression. *Journal of Applied Behavior Analysis*, 35, 337-347.
- Asmus, J. M., Vollmer, T. R., & **Borrero, J. C.** (2002). Functional behavioral assessment: A school-based model. *Education and Treatment of Children*, 25, 67-90.
- Borrero, J. C.**, Vollmer, T. R., Wright, C. S., Lerman, D. C., & Kelley, M. E. (2002). Further evaluation of the role of protective equipment in the functional analysis of self-injurious behavior. *Journal of Applied Behavior Analysis*, 35, 69-72.
- Borrero, J. C.**, & Vollmer, T. R. (2002). An application of the matching law to severe problem behavior. *Journal of Applied Behavior Analysis*, 35, 13-27.
- Vollmer, T. R., **Borrero, J. C.**, Wright, C. S., Van Camp, C., & Lalli, J. S. (2001). Identifying possible contingencies during descriptive analyses of severe behavior disorders. *Journal of Applied Behavior Analysis*, 34, 269-287.
- Ringdahl, J. E., Vollmer, T. R., **Borrero, J. C.**, & Connell, J. E. (2001). Fixed-time schedule effects as a function of baseline reinforcement rate. *Journal of Applied Behavior Analysis*, 34, 1-15.
- Vollmer, T. R., **Borrero, J. C.**, Lalli, J. S., & Daniel, D. (1999). Evaluating self-control and impulsivity in children with severe behavior disorders. *Journal of Applied Behavior Analysis*, 32, 451-466.
- Lalli, J. S., Vollmer, T. R., Progar, P. R., Wright, C., **Borrero, J.**, Tocco, K., Daniel, D., Barthold, C., & May, W. (1999). Competition between positive and negative reinforcement schedules in the treatment of escape-maintained problem behaviors. *Journal of Applied Behavior Analysis*, 32, 285-296.
- Northup, J., Fusilier, I., Swanson, V., Roane, H., & **Borrero, J.** (1997). An evaluation of methylphenidate as a potential establishing operation for some common classroom reinforcers. *Journal of Applied Behavior Analysis*, 30, 615-625.

- **Chapters in Books**

- Jacobs, E. A., **Borrero, J. C.**, & Vollmer, T. R. (in press). Translational applications of quantitative

models of choice. In G. J. Madden, W. V. Dube, G. P. Hanley, T. D. Hackenberg, & K. A. Lattal (Eds.) *APA handbook of behavior analysis*. American Psychological Association.

Thompson, R. H., & **Borrero, J. C.** (2011). Direct observation. In W. W. Fisher, C. C. Piazza, & H. S. Roane (Eds.), *Handbook of applied behavior analysis*. Guilford Publications, Inc. New York.

**Borrero, J. C.**, Frank, M. A., & Hausman, N. L. (2009). Applications of the matching law. In W. O'Donohue & J. E. Fisher (Eds.), *General principles and empirically supported techniques of cognitive behavior therapy* (pp. 415-424). Hoboken, NJ: Wiley.

Reprinted in:

**Borrero, J. C.**, Frank, M. A., & Hausman, N. L. (2008). Applications of the matching law. In W. O'Donohue & J. E. Fisher (Eds.), *Cognitive behavior therapy: Applying empirically supported techniques in your practice* (2<sup>nd</sup> ed.) (pp. 317-326). Hoboken, NJ: Wiley.

- **Book Review**

Mace, F. C., **Borrero, J. C.**, Connell, J. E., Connelly, M., Delaney, B. A., McLaughlin-Cheng, E., Nocera, R. L., Progar, P. R., Ringdahl, J. E., Sierp, B., & Yoon, J. H. (1998). Progress in *Learning*: A review of Catania's 4<sup>th</sup> Edition. *Journal of Applied Behavior Analysis*, 31, 713-716.

- **Non-Peer-Reviewed Works and Editorials**

Francisco, M. T., & **Borrero, J. C.** (2006). Article review. *California Association for Behavior Analysis Focal Point*, Spring, 6-7.

Wacker, D. P., McComas, J., & **Borrero, J. C.** (2009). Introduction to the *BAT* special issue on bridge studies. *The Behavior Analyst Today*, 10, 234-237.

- **Works Invited (Peer reviewed)**

- **Works Submitted**

- **Works in Preparation or in Progress**

**Borrero, J. C.**, Bullock, C. E., Frank, M. A., & Hausman, N. L. Preliminary analyses of price manipulations: Commodity type and cost-benefit components.

**Borrero, J. C.**, DeLeon, I. G., Frank, M. A., Carreau, A., & Triggs, M. Response output and consumption under fixed vs. variable-ratio reinforcement schedules: An applied extension.

**Borrero, J. C.**, Hausman, N. L., & Woods, J. N. Percentage of correct responses as a dependent measure: The impact of one.

Hausman, N. L., & **Borrero, J. C.** Lesch Nyhan: A working guide to behavioral phenotypes for practitioners.

Leon, Y., **Borrero, J. C.**, & DeLeon, I. G. A parametric analysis of delayed reinforcement with primary and conditioned reinforcers.

Sheppard, K., Frank-Crawford, M. A., Hausman, N. L., & **Borrero, J. C.** Angelman syndrome: A working guide to behavioral phenotypes for practitioners.

- **Works Under Revision**

**Borrero, J. C.**, & Vollmer, T. R. On the utility of descriptive analysis as a behavioral method.

**Borrero, J. C.**, Vollmer, T. R., van Haaren, F., Samaha, A. S., & Haworth, S. C. A laboratory model for evaluating contextual fixed-time schedule effects with implications for application.

Castillo- Irazábal, M. I., **Borrero, J. C.**, & Mendres, A. E. Extinction as a control procedure: A translational evaluation of the presence versus absence of the reinforcing stimulus.

### **Invited Presentations**

**Borrero, J. C.** (2010). Demonstrations and implications of translational behavior analysis. Presented at the 6<sup>th</sup> annual meeting of the Virginia Association for Behavior Analysis, Harrisonburg, Virginia. March.

**Borrero, J. C.** (2009). Traversing the basic-applied continuum. Presented at the Southeastern Association for Behavior Analysis, Wilmington, North Carolina. October.

**Borrero, J. C.** (2009). Laboratory explorations of response classes. Presented at the Mid-American Association for Behavior Analysis, Davenport, Iowa. October.

**Borrero, J. C.** (2008). Translational evaluations of reinforcer efficacy. Presented at the American Psychological Association Convention, Boston, Massachusetts, B. F. Skinner New Researcher Awards for Basic and Applied Behavior Analysis session. August.

**Borrero, J. C.** (2007). Translational evaluations of reinforcer efficacy. Presented at the Maryland Association for Behavior Analysis, Baltimore, Maryland. November.

**Borrero, J. C.** (2007). (Applied) Behavioral economic evaluations of stimulus value. Presented at the Mid-American Association for Behavior Analysis, Milwaukee, Wisconsin. October.

**Borrero, J. C.** (2006). On the utility of descriptive analysis as a behavioral method. Presented at the University of Kansas, Applied Behavioral Science Professional Seminar, Lawrence, Kansas. December.

**Borrero, J. C.** (2006). Single-subject research methods. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California. August.

**Borrero, J. C.** (2005). Contemporary behavior analytic methods for the assessment and treatment of impetuosity for children diagnosed with ADHD. Presented at the University of the Pacific, Stockton, California. September.

**Borrero, J. C.** (2005). Behavior analysis in child welfare. Presented at the California State University, Stanislaus, Turlock, California. May.

### **Symposia Chaired**



- Borrero, J. C.** (2010). Some effects of reinforcer delay and reinforcement rate in the acquisition or maintenance of behavior, Chair, John C. Borrero. Chaired at the 36<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Antonio, Texas.
- Borrero, J. C.** (2007). Applied and translational evaluations of the matching law. Chaired at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.** (2007). Applied and translational evaluations of time-based schedules (NCR). Chaired at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.** (2007). Behavior analytic efforts to help our schools: A few exemplars. Chaired at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.** (2006). Contingencies of reinforcement: The assessment and treatment of problem behavior. Chaired at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.** (2002). Applications of the matching law to severe problem behavior. Chaired at the 22<sup>nd</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida.

#### **Discussant in Symposia**

- Borrero, J. C.** (2010). (In A. Gutierrez, Jr., Chair). Issues in preference and reinforcement in children with autism. Presented at the 36<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Antonio, Texas.
- Borrero, J. C.** (2008). (In J. J. McComas, Chair). Factors related to treatment adherence by careproviders and teachers. Presented at the 34<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, J. C.** (2007). (In W. Berg, Chair). Manipulations of social reinforcers in the treatment of problem behavior maintained by automatic reinforcement. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Borrero, J. C.** (2006). (In M. Wallace, Chair). Current research on treatment implementation: From feeding interventions to FCT to compliance training. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.** (2005). (In M. Wallace, Chair). Current research in functional behavioral assessment. Presented at the 23<sup>rd</sup> annual meeting of the California Association for Behavior Analysis, Dana Point, California.

#### **Presentations**

- **Conference Presentations (Refereed)**

- Lesser, A. D., Borrero, J. C., & Mendres, A. E. (2011). Resurgence of caregiver responses during simulated mealtimes. Presented at the 37<sup>th</sup> annual meeting of the Association for Behavior Analysis International, Denver, Colorado.

- Pangborn, M. M., Borrero, C. S. W., & **Borrero, J. C.** (2011). Sequential application of caregiver training procedures to implement pediatric feeding protocols. In, Current practices in caregiver training, Chair, Henry S. Roane. Presented at the 37<sup>th</sup> annual meeting of the Association for Behavior Analysis International, Denver, Colorado.
- Frank-Crawford, M. A., Borrero, J. C., Nguyen, L., Leon, Y., Carreau-Webster, A., DeLeon, I. G. (2011). Disruption of high-probability behavior via the discriminative property of reinforcers. Presented at the 37<sup>th</sup> annual meeting of the Association for Behavior Analysis International, Denver, Colorado.
- Frank-Crawford, M. A., Borrero, J. C., Mendres, A. E., & Toole, L. M. (2011). The matching law and social dynamics: A preliminary replication and extension to instant-messaging. In, Translational research: Evaluating the generality of behavioral principles in laboratory and clinical contexts, Chair, Megan Rae Heinicke. Presented at the 37<sup>th</sup> annual meeting of the Association for Behavior Analysis, Denver, CO.
- Bullock, C. E., **Borrero, J. C.**, Frank-Crawford, M. A., Hausman, N. L., & Mendres, A. E. (2011). Analysis of price manipulations: Commodity type and cost-benefit constituents. Presented at the 1<sup>st</sup> meeting of the Association for Behavior Analysis International Science Conference, Chicago, Illinois.
- Rubio, E. K., Borrero, C. S. W., & **Borrero, J. C.** (2010). Assessment of preference for treatment with and without instruction and subsequent treatment outcomes. Presented at the 13<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Also presented at:
- Rubio, E. K., Borrero, C. S. W., & **Borrero, J. C.** (2010). Assessment of preference for treatment with and without instruction and subsequent treatment outcomes. Presented at the 37<sup>th</sup> annual meeting of the Association for Behavior Analysis International, Denver, Colorado.
- Schlereth, G. J., **Borrero, J. C.**, Laud, R. B., & Borrero, C. S. W. (2010). Distinguishing between escape and avoidance as a function of timeout from reinforcement: Exploratory data analyses. Presented at the 13<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Frank-Crawford, M. A., **Borrero, J. C.**, Mendres, A. E., & Toole, L. M. (2010). The matching law and social dynamics: A preliminary replication and extension to instant messaging conversations. Presented at the 6<sup>th</sup> annual meeting of the Virginia Association for Behavior Analysis, Harrisonburg, Virginia.
- Castillo Irazabal, M. I., **Borrero, J. C.**, Mendres, A. E. (2010). Extinction as a control procedure: A translational evaluation of the differential effects of the presence versus absence of the reinforcing stimulus. Presented at the 6<sup>th</sup> annual meeting of the Virginia Association for Behavior Analysis, Harrisonburg, Virginia.
- Mendres, A. E., & **Borrero, J. C.** (2010). Development and modification of a response class via positive and negative reinforcement: A translational approach. In, Translational research: Evaluating the generality of behavioral principles in laboratory and clinical contexts, Chair, Henry S. Roane. Presented at the 36<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Antonio, Texas.

Also presented in:

Mendres, A. E.<sup>1</sup>, & **Borrero, J. C.** (2009). Development and modification of a response class via positive and negative reinforcement: A translational approach. In, MABA Student Paper Symposium. Presented at the 12<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.

Also presented at:

The 6<sup>th</sup> annual meeting of the Virginia Association for Behavior Analysis, Harrisonburg, Virginia.

Leon, Y., **Borrero, J. C.**, & DeLeon, I. G. (2009). Delayed food supports more responding than delayed tokens. In, Reinforcer delay and reinforcement rate in the acquisition or maintenance of behavior, Chair, John C. Borrero. Presented at the 12<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.

Also presented at:

The 6<sup>th</sup> annual meeting of the Virginia Association for Behavior Analysis, Harrisonburg, Virginia.

Also presented (with additional data) in:

Translational research: Evaluating the generality of behavioral principles in laboratory and clinical contexts, Chair, Henry S. Roane. Presented at the 36<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Antonio, Texas.

Schlereth, G. J., **Borrero, J. C.**, Laud, R. B., & Borrero, C. S. W. (2010). Increasing independent eating using avoidance conditioning. Presented at the 36<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Antonio, Texas.

Castillo Irazabal, M. I., **Borrero, J. C.**, Mendres, A. E. (2009). Extinction as a control procedure: A translational evaluation of the presence versus absence of the reinforcing stimulus. Presented at the 12<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.

**Borrero, J. C.** (2009). Token economies in applied settings: Suggestions for bidirectional interaction along the basic-applied continuum. In, Science board translational series: Laboratory and applied perspectives on token reinforcement, Chair, Timothy D. Hackenberg. Presented at the 35<sup>th</sup> annual meeting of the Association for Behavior Analysis, Phoenix, Arizona.

**Borrero, J. C.**, Bullock, C. E., Frank, M. A., & Hausman, N. L. (2009). Preliminary analyses of price manipulations: Commodity type and cost-benefit constituents. In, Science board translational series: History and current status of translational behavioral economics, Chair, Gregory P. Hanley. Presented at the 35<sup>th</sup> annual meeting of the Association for Behavior Analysis, Phoenix, Arizona.

**Borrero, J. C.**, Bullock, C. E., Frank, M. A., & Hausman, N. L. (2009). Preliminary analyses of price

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<sup>1</sup> Student paper award winner.

- manipulations: Commodity type and cost-benefit constituents. Presented at the 11<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Woods, J. N., **Borrero, J. C.**, & Borrero, C. S. W. (2008). Descriptive analysis of parental attention preceding and following appropriate and inappropriate mealtime behavior. Presented at the 11<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Masler, E. A., Borrero, C. S. W., **Borrero, J. C.**, Woods, J. N., & Lesser, A. D. (2008). Descriptive analysis of parent-child interactions: An evaluation of inappropriate mealtime behavior. Presented at the 11<sup>th</sup> annual meeting of the Maryland Association for Behavior Analysis, Baltimore, Maryland.
- Sy, J. R., & **Borrero, J. C.** (2008). Caregiver use of time-based schedules of event delivery. Presented at the 34<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Sy, J. R., & **Borrero, J. C.** (2008). Parametric analyses of pre-session exposure to edible and nonedible items. Presented at the 34<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Sran, S. K., **Borrero, J. C.**, Beauchamp, K. L., O'Brien, F. J., & Wells, D. (2008). Quantity versus quality: The opportunity to choose back-up reinforcers in a token economy. Presented at the 34<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, J. C.**, Vollmer, T. R., & Samaha, A. L. (2007). Contextual fixed-time schedule effects. In, Applied and translational evaluations of time-based schedules (NCR), Chair, John C. Borrero. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, C. S. W., Vollmer, T. R., **Borrero, J. C.**, Bourret, J., & Sloman, K. N. (2007). An experimental evaluation of the matching law and severe problem behavior. In, Choice: Applied research on matching and self-control, Chair, Andrew L. Samaha. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California, and in, Applied and translational evaluations of the matching law, Chair, John C. Borrero at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Borrero, J. C.**, Crisolo, S. S., Tu, Q., Rieland, W. A., Ross, N. A., & Francisco, M. T. (2007). Attending as a function of concurrent schedules of agreement: An application of the matching law. In, Choice: Applied research on matching and self-control, Chair, Andrew L. Samaha. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Crisolo, S. S., **Borrero, J. C.**, Tu, Q., Rieland, W. A., Ross, N. A., & Francisco, M. T. (2007). Attending as a function of concurrent schedules of agreement. In, Applied and translational evaluations of the matching law, Chair, John C. Borrero. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Delmendo, X., **Borrero, J. C.**, & Beauchamp, K. L. (2007). Evaluation of reinforcers: A unit price analysis. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Delmendo, X., **Borrero, J. C.**, Beauchamp, K. L., Ross, N. A., & Sran S. K. (2007). Consumption and

- response output as a function of unit price: The effect of cost and benefit components. In, Human operant work in behavioral momentum and behavioral economics, Chair, Jason C. Bourret. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Borrero, J. C.**, Sy, J. R., & Borrero, C. S. W. (2007). Response allocation under naturally occurring concurrent schedules. In, Applied and translational evaluations of the matching law, Chair, John C. Borrero. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Sran, S. K., **Borrero, J. C.**, & White, H. A. (2007). Establishing a manageable DRO interval for teacher implementation. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California, and at the 2007 meeting of the Western Psychological Association, Vancouver, British Columbia, Canada.
- Sy, J., **Borrero, J. C.**, Francisco, M. T., Sran, S. K., Haberlin, A. T., & Ross, N. A. (2007). Some effects of fixed-time stimulus presentation on academic responding: A preliminary analysis. In, Applied and translational evaluations of time-based schedules (NCR), Chair, John C. Borrero. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Sy, J., **Borrero, J. C.**, & Kohn, C. S. (2007). Intraverbal behavior: Delayed prompting and differential reinforcement as methods. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California
- White, H. A., **Borrero, J. C.**, Sy, J., & Fenn, N. (2007). Behavior analytic methods and the preschool classroom: Success and Challenges. In, Behavior analytic efforts to help our schools: A few exemplars, Chair, John C. Borrero. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- White, H. A., Rieland, W., Sy, J., & **Borrero, J. C.** (2007). Toward a method of identifying behavioral characteristics of the model student. Presented at the 25<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California, and at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Francisco, M. T., **Borrero, J. C.**, Ross, N. A., Beauchamp, K. L., & Kohn, C. S. (2007). Using progressive ratio schedules as a means of evaluating absolute and relative reinforcer value. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Osnes, P. G., Austin, J. L. & **Borrero, J. C.** (2007). ABA's Education Board: Updates from 2006-2007. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- Sy, J. R., **Borrero, J. C.**, & Borrero, C. S. W. (2007). Computational evaluations of matching and problem behavior. In, Choice: Applied research on matching and self-control, Chair, Andrew L. Samaha. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California.
- White, H. A., **Borrero, J. C.**, & Clay, C. T. (2007). University of the Pacific Master's Program in Applied

- Behavior Analysis. Presented at the 33<sup>rd</sup> annual meeting of the Association for Behavior Analysis, San Diego, California, and at the 32<sup>nd</sup> annual meeting of the Association for Behavior Analysis, Atlanta, Georgia
- Bartels, J. A., **Borrero, J. C.**, & McKenna, J. (2006). An evaluation of concurrent time-based and response-dependent schedules on responding. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California.
- Borrero, C. S. W., & **Borrero, J. C.** (2006). Descriptive and experimental analyses of potential precursors to problem behavior. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California, and at the 32<sup>nd</sup> annual meeting of the Association for Behavior Analysis, Atlanta, Georgia.
- Borrero, C. S. W., & **Borrero, J. C.**, Quirk, L., & Weiher, A. R. (2006). Potential reinforcement contingencies in a classroom setting: A descriptive analysis. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California, and at the 32<sup>nd</sup> annual meeting of the Association for Behavior Analysis, Atlanta, Georgia.
- Borrero, J. C., Ross, N. A., & **Borrero, J. C.** (2006). Response allocation under naturally occurring schedules arrangements. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California.
- Ross, N. A., **Borrero, J. C.**, Borrero, C. S. W., & Saylor, S. L. (2006). Response allocation under naturally occurring concurrent schedule arrangements. Presented at the 32<sup>nd</sup> annual meeting of the Association for Behavior Analysis, Atlanta, Georgia.
- Borrero, J. C.**, Francisco, M. T., Haberlin, A. T., Ross, N. A., & Sran, S. K. (2006). A unit price evaluation of severe problem behavior. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California.
- Borrero, J. C.**, Francisco, M. T., Haberlin, A. H., Ross, N., Sran, S. K., & Bartels, J. (2006). Applying the concept of unit price to severe problem behavior: A descriptive analysis. In Behavioral economic applications in individuals with developmental disabilities, Chair, Iser G. DeLeon. Presented at the 32<sup>nd</sup> annual meeting of the Association for Behavior Analysis, Atlanta, Georgia.
- Borrero, J. C.**, Crisolo, S. S., Tu, Q., Rieland, W. A., Ross, N. A., & Francisco, M. T. (2006). Attending as a function of current schedules of agreement. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California.
- Francisco, M. T., **Borrero, J. C.**, Ross, N. A., Beauchamp, K. L., & Kohn, C. K. (2006). An evaluation of absolute and relative reinforcer value using progressive ratio schedules. Presented at the Spectrum Behavior Analysis Conference, Emeryville, California.
- Bartels, J. A., **Borrero, J. C.**, & McKenna, J. (2006). An evaluation of conjoint time-based and response-dependent schedules on responding. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Baysinger, K. M., & **Borrero, J. C.** (2006). Abbreviated functional analysis of problem behavior associated with vehicle locomotion. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, C. S.W., **Borrero, J. C.**, & Weiher, A. R. (2006). Potential reinforcement contingencies in a

- classroom setting: A descriptive analysis. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Borrero, J. C.**, Francisco, M. T., Haberlin, A. H., Ross, N., Sran, S. K., & Bartels, J. (2006). Applying the concept of unit price to severe problem behavior: A descriptive analysis. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Okamoto, H., & **Borrero, J. C.** (2006). Increasing consumption of low preferred foods by manipulating magnitude of high-preferred food. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Okamoto, H., & **Borrero, J. C.**, Beauchamp, K. L., & White, H. (2006). Increasing social interaction via praise and prompting. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Wasano, L. C., Kohn, C., & **Borrero, J. C.** (2006). An evaluation of assessment procedures for pica. Presented at the 24<sup>th</sup> annual meeting of the California Association for Behavior Analysis, Burlingame, California.
- Vollmer, T. R., **Borrero, J. C.**, Colbert, B., Montgomery, J., Van Camp, C. M., Wilhelm, M., & Witherup, L. (2005). Integrating ABA into child welfare systems to improve outcomes for children and adolescents. Presented at the California State University, Fresno, Applied Behavior Analysis Conference.
- Borrero, J. C.**, Vollmer, T. R., & Samaha, A. L. (2005). An evaluation of response persistence and response suppression under time-based schedules of food presentation. In, Recent experimental research with nonhuman subjects, Chair, Jonathon Tarbox. Presented at the 23<sup>rd</sup> annual meeting of the California Association for Behavior Analysis, Dana Point, California, and in, Experimental analyses of behavioral processes relevant to applied behavior analysis, Chair, Craig Kennedy at the 31<sup>st</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, C. S. W., Vollmer, T. R., **Borrero, J. C.**, & Bourret, J. (2005). A method for evaluating parameters of reinforcement during parent-child interactions. In, Current research in functional behavioral assessment, Chair, Michele D. Wallace. Presented at the 23<sup>rd</sup> annual meeting of the California Association for Behavior Analysis, Dana Point, California.
- Witherup, L. R., Vollmer, T. R., & **Borrero, J. C.** (2004). Factors associated with running away among children in foster care. Presented at the 24<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Orlando, Florida, and in, Taking it to the streets: Technology transfer in applied behavior analysis, Chair, Cynthia Anderson. Presented at the 31<sup>st</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, J. C.**, Vollmer, T. R., Whitehouse, C., Witherup, L., Van Camp, C. M., & Bourret, J. (2003). A descriptive analysis method for assessing interactions among caregivers and abused and neglected children. In, Behavior analysis in family safety, Chair, Carole Van Camp. Presented at the 23<sup>rd</sup> annual meeting of the Florida Association for Behavior Analysis, St. Petersburg, Florida, and in, Developments in child abuse and neglect research, Chair, Timothy R. Vollmer at the 29<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Francisco, California.
- Bourret, J., Vollmer, T. R., Van Camp, C. M., & **Borrero, J.** (2003). Behavioral medicine intervention

- for chronic vomiting and hospitalization in a child with cardiovascular and kidney failure. In, Pediatric behavioral medicine in developmental disabilities, Chair, Joseph N. Ricciardi. Presented at the 24<sup>th</sup> annual meeting of the Berkshire Association for Behavior Analysis, Amherst, Massachusetts.
- Bourret, J., Vollmer, T. R., Van Camp, C. M., & **Borrero, J. C.** (2003). A case study in behavioral medicine. In, Child abuse and neglect: Caregiver training and individualized services, Chair, Michael Stoutimore. Presented at the 29<sup>th</sup> annual meeting of the Association for Behavior Analysis, San Francisco, California.
- Witherup, L., Vollmer, T. R., Bourret, J., **Borrero, J. C.**, & Van Camp, C. (2003). The effects of prompting on appointment keeping and associated costs. In, behavior analysis in family safety, Chair, Carole Van Camp. Presented at the 23<sup>rd</sup> annual meeting of the Florida Association for Behavior Analysis, St. Petersburg, Florida.
- Borrero, J. C.** (2002). University of Florida-Applied Behavior Analysis/ Family Safety Initiative: A Program Overview. In, The University of Florida Applied Behavior Analysis Initiative, Chair, Timothy R. Vollmer. Presented at the 28<sup>th</sup> annual meeting of the Association for Behavior Analysis, Toronto, Ontario.
- Bourret, J., Vollmer, T. R., Van Camp, C. M., & **Borrero, J. C.** (2002). A case study in behavioral medicine. In, the applied behavior analysis initiative: An update. Chair, Carole M. Van Camp. Presented at the 22<sup>nd</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida.
- Borrero, J. C.**, Vollmer, T. R., & Bourret, J. (2002). Functional analysis of appropriate communicative behavior: Clinical and conceptual implications. In, Advances in functional analysis methodology, Chair, Wayne W. Fisher. Presented at the 28<sup>th</sup> annual meeting of the Association for Behavior Analysis, Toronto, Ontario.
- Bourret, J., Vollmer, T. R., Wright, C. S., & **Borrero, J. C.** (2002). Application of the single-response matching equation in descriptive analyses of problem behavior. In, Community-Based Functional Assessment and Treatment of Aberrant Behavior Displayed by Children with Severe Disabilities, Chair, David, P. Wacker. Presented at the 28<sup>th</sup> annual meeting of the Association for Behavior Analysis, Toronto, Ontario.
- Borrero, J. C.**, Vollmer, T. R., Bourret, J., Gutierrez, Jr., A., Konkel, M., Reyes, J. R., Van Camp, C. M., & Whitehouse, C. (2001). A preliminary evaluation of the effects of a parenting curriculum on parent behavior. In, Behavior analysis in family safety update, Chair, Jorge R. Reyes. Presented at the 21<sup>st</sup> annual meeting of the Florida Association for Behavior Analysis, Sarasota, Florida.
- Borrero, J. C.**, Vollmer, T. R., & van Haaren, F. (2001). Further evaluation of fixed-time schedules in laboratory animals. In, Effects of noncontingent reinforcement, basic and applied research, Chair, Raymond G. Miltenberger. Presented at the 27<sup>th</sup> annual meeting of the Association for Behavior Analysis, New Orleans, Louisiana.
- Dozier, C. L., Vollmer, T. R., **Borrero, J. C.**, Bourret, J., Gutierrez, Jr., A., & Rapp, J. T. (2001). Assessing preference for behavioral treatment vs. baseline conditions. In, Current research on assessment procedures for individuals with developmental disabilities and severe behavior disorders, Chair, Louis P. Hagopian. Presented at the 27<sup>th</sup> annual meeting of the Association for Behavior Analysis, New Orleans, Louisiana.



- Gutierrez, Jr., A., Vollmer, T. R., Dozier, C. L., **Borrero, J. C.**, Bourret, J., & Gadaire, D. (2001). Manipulating establishing operations in behavioral interventions, Chair, Joel E. Ringdahl. Presented at the 27<sup>th</sup> annual meeting of the Association for Behavior Analysis, New Orleans, Louisiana.
- Wright, C. S., Vollmer, T. R., **Borrero, J. C.**, & Bourret, J. (2001). Evaluating dimensions of reinforcement in parent-child interactions. In, Behavioral approaches to assess and improve interactions between caregivers and persons with behavioral needs, Chair, Richard G. Smith. Presented at the 27<sup>th</sup> annual meeting of the Association for Behavior Analysis, New Orleans, Louisiana.
- Borrero, J. C.**, & Vollmer, T. R. (2000). An application of the matching law during descriptive analyses of severe problem behavior. In, Descriptive analyses of severe problem behavior: Recent advances and future directions. Chair, Timothy R. Vollmer. Presented at the 26<sup>th</sup> annual meeting of the Association of Behavior Analysis, Washington D.C.
- Borrero, J. C.**, Vollmer, T. R., Wright, C. S., Lerman, D. C., & Kelley, M. E. (2000). Further evaluation of the role of protective equipment during functional analyses of self-injurious behavior. In, Current research on the assessment and treatment of severe behavior disorders, Chair, Brian A. Iwata. Presented at the 20<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida, and in, Functional analysis and treatment of problem behavior, Chair, Joseph S. Lalli at the 25<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, J. C.**, Vollmer, T. R., & van Haaren, F. (2000). Laboratory evaluations of fixed-time schedules. In, Basic and applied research examining the operant mechanisms of noncontingent reinforcement, Chair, Louis P. Hagopian. Presented at the 26<sup>th</sup> annual meeting of the Association of Behavior Analysis, Washington D.C.
- Dozier, C. L., Vollmer, T. R., **Borrero, J. C.**, Bourret, J., & Gutierrez, Jr., A. (2000). Assessing student's preference for behavioral treatment versus baseline conditions. In, Reinforcement effects, preference, and related learning processes, Chair, Timothy R. Vollmer. Presented at the 20<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida.
- Gutierrez, Jr., A., Vollmer, T. R., Dozier, C. L., **Borrero, J. C.**, Bourret, J., & Gadaire, D. (2000). A simple manipulation of establishing operations to test for stimulus control during mand training. In, Reinforcement effects, preference, and related learning processes, Chair, Timothy R. Vollmer. Presented at the 20<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida.
- Borrero, J. C.**, Vollmer, T. R., & van Haaren, F. (2000). Laboratory evaluations of fixed-time schedules. In, Basic and applied research examining the operant mechanisms of noncontingent reinforcement, Chair, Louis P. Hagopian. Presented at the 26<sup>th</sup> annual meeting of the Association of Behavior Analysis, Washington D.C.
- Vollmer, T. R., **Borrero, J. C.**, Bourret, J., Dozier, C. L., Gutierrez, Jr., A., Rapp, J. T., & Wright, C. S. (2000). Current behavior analysis research on the assessment and treatment of severe behavior disorders. Presented at the University of Florida Autism Conference, Gainesville, Florida.
- Vollmer, T. R., & **Borrero, J. C.** (2000). Relating the matching law to the assessment and treatment of

- severe behavior disorders. In, Recent advances in functional analysis research, Chair, Brian A. Iwata. Presented at the 108<sup>th</sup> annual meeting of the American Psychological Association, Washington D.C.
- Vollmer, T. R., **Borrero, J. C.**, Van Camp, C., & Wright, C. S. (1999). Identifying contingencies in descriptive analyses of severe aberrant behaviors. In, Functional analysis and treatment of behavior disorders: Practical and conceptual issues, Chair, Iser G. Deleon. Presented at the 25<sup>th</sup> annual meeting of the Association for Behavior Analysis, Chicago, Illinois.
- Borrero, J. C.**, & Vollmer, T. R. (1999). An evaluation of the matching law during descriptive analyses of severe problem behavior. In, Assessment of severe problem behavior, Chair, Brian A. Iwata. Presented at the 19<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Tampa, Florida.
- Borrero, J. C.**, Vollmer, T. R., Lalli, J.S., & Daniel, D. (1998). Evaluating aggression as impulsive behavior. In, Treatment of severe behavior disorders: Multiple approaches to intervention, Chair, James E. Carr. Presented at the 18<sup>th</sup> annual meeting of the Florida Association for Behavior Analysis, Daytona, Florida.
- Lalli, J. S., Vollmer, T. R., Progar, P. R., **Borrero, J. C.**, Daniel, D., Barthold, C., & Wright, C. (1998). Positive reinforcement as a treatment for escape maintained behavior. In, Treatment of severe behavior disorders based on functional analysis outcomes, Chair, Timothy R. Vollmer. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Vollmer, T. R., Lalli, J. S., **Borrero, J. C.**, & Daniel, D. (1998). Functional analysis of impulsive behavior. In, Functional analysis to assist in treatment development for severe problem behavior, Chair, Joseph S. Lalli. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Borrero, J. C.**, Vollmer, T. R., Lalli, J.S., & Wright, C. S. (1998). Competition between positive and negative reinforcement schedules in the treatment of escape maintained problem behaviors. Presented at the 24<sup>th</sup> annual meeting of the Association for Behavior Analysis, Orlando, Florida.
- Borrero, J. C.**, Vollmer, T. R., & Daniel, D. (1998). An evaluation of aggression as impulsive behavior. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Wright, C. S., **Borrero, J. C.**, Vollmer, T. R., Van Camp, C. M., Nastasi, J., Daniel, D., & Hilt, A. (1998). Identifying contingencies in descriptive analyses of severe aberrant behaviors. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Wright, C. S., **Borrero, J. C.**, Vollmer, T. R., Van Camp, C. M., Nastasi, J., Daniel, D., & Hilt, A. (1998). Identifying contingencies in descriptive analyses of severe aberrant behaviors. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Tocco, K. A., Lalli, J. S., Vollmer, T. R., May, W., Wright, C. S., **Borrero, J. C.**, Barthold, C. H., & Progar, P. R. (1998). The effects of positive and negative reinforcement. Presented at the 24<sup>th</sup> annual meeting of the Association of Behavior Analysis, Orlando, Florida.
- Fusilier, I., Northup, J., Swanson, V., & **Borrero, J.** (1997). Evaluating the efficacy of common classroom reinforcers for three boys alternatively receiving placebo and methylphenidate. Presented at the 23<sup>rd</sup> annual meeting of the Association of Behavior Analysis, Chicago, Illinois.

Northup, J., Fusilier, I., Swanson, V., & **Borrero, J.** (1997). LSU Summer program: Who we are and what we do. Presented at the Annual Meeting of Louisiana School Psychology Association, Baton Rouge, Louisiana.

## **SERVICE TO THE DEPARTMENT, UNIVERSITY, COMMUNITY, AND PROFESSION**

### **Departmental Service**

2010-present	Co-Director	UMBC Masters Program in Applied Behavior Analysis
2009-present	Member	Undergraduate Committee (UMBC, Psychology Department)
2009	Coordinator	UMBC M. A. in Applied Behavior Analysis, Association for Behavior Analysis Accreditation
2009	Member	Lecturer Search Committee (UMBC, Psychology Department)
2008-2010	Member	Advisory Committee (UMBC, Psychology Department)
2007-present	Member	Applied Behavior Analysis, Graduate faculty
2007-present	Member	Human Services Program, Graduate faculty
2007-present	Member	Applied Developmental Program, Graduate faculty

### **University Service**

2010	Member	College of Arts Humanities and Social Sciences Research Fellows Nomination Committee (2011 Award)
2009-2012	Member	Institutional Review Board and ABA Subcommittee Consultant (UMBC)
2006-2007	Member	Institutional Review Board (University of the Pacific)
2006-2007	Liaison	Psychology Department and Library (University of the Pacific)

### **Community Service**

2009-2010	Program Co-Chair	Mid-American Association for Behavior Analysis (Co-chair for 2010 meeting)
2008	External Consultant	New Jersey Presidents' Council of Academic Issues Committee. Evaluation of Rowan University's Proposed Master of Arts Program in Applied Behavior Analysis.

### **Professional Service**

#### **Editorial**

2008	Guest Editor	<i>The Behavior Analyst Today</i> , special issue on Bridge Research, with J. J. McComas and D. P. Wacker
2011-2013	Associate Editor	<i>Journal of Applied Behavior Analysis</i>
2010-2011	Guest Associate Editor	<i>Journal of Applied Behavior Analysis</i>
2010-2012	Associate Editor	<i>Behavior Analysis in Practice</i>
2008-2010	Associate Editor	<i>The Behavior Analyst Today</i>
2008-2010	Associate Editor	<i>Journal of Applied Behavior Analysis</i>

	Mentoring Program <sup>2</sup>	
2011	Guest Associate Editor	<i>The Psychological Record</i>
2009	Guest Associate Editor	<i>Analysis of Gambling Behavior</i>
2008-2009	Guest Associate Editor	<i>Behavior Analysis in Practice</i>
2006-2008	Guest Associate Editor	<i>Journal of Applied Behavior Analysis</i>
2011-2013	Editorial Board Member	<i>Journal of Applied Behavior Analysis</i>
2010-2012	Editorial Board Member	<i>The Psychological Record</i>
2010-2012	Editorial Board Member	<i>Journal of the Experimental Analysis of Behavior</i>
2009-2010	Editorial Board Member	<i>Journal of Behavioral Education</i>
2008-2010	Editorial Board Member	<i>Education and Treatment of Children</i>
2007-2009	Editorial Board Member	<i>Behavior Analysis in Practice</i>
2007-present	Editorial Board Member	<i>Analysis of Gambling Behavior</i>
2005-2007	Editorial Board Member	<i>Journal of Early and Intensive Behavioral Intervention</i>
2005, 2007-2009 2010-2013	Editorial Board Member	<i>Journal of Applied Behavior Analysis</i>
2009	Guest Reviewer	<i>Journal of the Experimental Analysis of Behavior</i>
2009	Guest Reviewer	<i>Journal of Autism and Developmental Disorders</i>
2008	Guest Reviewer	<i>Journal of Behavioral Education</i>
2007-2008	Guest Reviewer	<i>The Psychological Record</i>
2005	Guest Reviewer	<i>Journal of Early and Intensive Behavioral Intervention</i>
2005	Guest Reviewer	<i>The Behavior Analyst</i>
2004-2009	Guest Reviewer	<i>Perceptual and Motor Skills and Psychological Reports</i>
1998-2004, 2006	Guest Reviewer	<i>Journal of Applied Behavior Analysis</i>

#### **Committees Chaired**

2008	Division 25, (Applied) Dissertation Award Subcommittee Chair	American Psychological Association
2006	Conference Committee Co-chair	California Association for Behavior Analysis
2005-2009	Accreditation Committee Chair	Association for Behavior Analysis

#### **Committee Membership**

2010-present	Member	Association for Behavior Analysis Science Board Task Force
2010-present	Member	Association for Behavior Analysis Science Board
2011	Past-President	Maryland Association for Behavior Analysis
2010	President	Maryland Association for Behavior Analysis
2009	President-Elect	Maryland Association for Behavior Analysis

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<sup>2</sup> Completed the program in August 2010. I now serve as a Guest Associate Editor with no mentor.

2007	Member	American Psychological Association, Division 25, (Applied) Dissertation Award Reader-- for 2008 Award
2005	Site Team Visitor	Association for Behavior Analysis, Accreditation Committee
2004-2007	Member	Association for Behavior Analysis, Council of Directors of Graduate Programs in Behavior Analysis
2004-2007	Member	Association for Behavior Analysis, Education Board, University of the Pacific Representative
2004-2007	Member	Association for Behavior Analysis, Education Board, Graduate Training Directory Subcommittee
2001-2004	Member	Florida Department of Children and Families, Applied Behavior Analysis Initiative Search Committee
2001-2004	Member	Florida Department of Children and Families, Applied Behavior Analysis Monitoring Committee
2001-2004	Member	Florida Department of Children and Families, Applied Behavior Analysis Initiative Parent Training Curricula Committee
2001-2004	Member	Florida Department of Children and Families, Applied Behavior Analysis, Behavior Analysis Review Committee

#### **Professional Membership**

2009	Southeastern Association for Behavior Analysis
2008	American Psychological Association
2007, 2009-2010	Mid-American Association for Behavior Analysis
2007-present	Maryland Association for Behavior Analysis
2005-2007	California Association for Behavior Analysis
1998-2004	Florida Association for Behavior Analysis
1997-present	Association for Behavior Analysis International

#### **Professional Certification**

2009-present	Board Certified Behavior Analyst-Doctoral (BCBA-D, National Certification), Issued, May 2009. Certification Number 1-02-0743.
2002-2008	Board Certified Behavior Analyst (BCBA, National Certification), Issued, May 30. Certification Number 1-02-0743.