

ISER GUILLERMO DELEON, PH.D.

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EDUCATION

1997 Ph.D., Psychology, University of Florida, Concentration in Behavior Analysis
1993 M.S., Psychology, Western Michigan University, Concentration in Behavior Analysis
1988 B.A., University of Florida, Major in Psychology

APPOINTMENTS & POSITIONS

ACADEMIC APPOINTMENTS & POSITIONS

2016-pres. Professor of Psychology, University of Florida
2014-2016 Associate Professor of Psychology, University of Florida
2008-2014 Associate Professor of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine
2008-2010 Adjunct Faculty, Florida Institute of Technology
2006-2010 Co-Director, Applied Behavior Analysis Program, Department of Psychology, University of Maryland-Baltimore County, Baltimore, MD
2002-2006 Adjunct Faculty, University of Nevada-Reno
1999-2014 Adjunct Faculty, University of Maryland-Baltimore County
1999-2008 Assistant Professor of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine
1997-1998 Post-Doctoral Fellow, Department of Pediatrics, Johns Hopkins University School of Medicine and Department of Behavioral Psychology, Kennedy Krieger Institute
1993-1997 Graduate Research Assistant, Florida Center on Self-Injury, University of Florida
1990-1993 Graduate Research Assistant, Behavioral Medicine Laboratory, Western Michigan University

NON-ACADEMIC POSITIONS

2005-2014 Director of Research Development, Department of Behavioral Psychology, Kennedy Krieger Institute, Baltimore, MD
1998-2005 Senior Behavior Analyst, Neurobehavioral Unit, Department of Behavioral Psychology, Kennedy Krieger Institute, Baltimore, MD
1989-1990 Behavior Program Supervisor, The ARC, Gainesville, FL
1988-1989 Behavior Program Specialist, Florida Department of Children & Families, Gainesville, FL

PROFESSIONAL CREDENTIALS

2001 Board Certified Behavior Analyst-Doctoral, Behavior Analyst Certification Board
1988 Certified Behavior Analyst, Florida Department of Health and Human Services

RESEARCH ACTIVITIES

PUBLICATIONS

- Goldberg, M.C., Allman, M.J., Hagopian, L.P., Triggs, M., Frank-Crawford, M., Mostofsky, S.H., Denckla, M.B., & DeLeon, I.G. (2016). Examining the reinforcing value of stimuli within social and non-social contexts in children with and without high functioning autism. *Autism*. Epub ahead of print. doi:10.1177/1362361316655035
- Leon, Y., Borrero, J.C., & DeLeon, I.G. (2016). Parametric analysis of delayed primary and conditioned reinforcers. *Journal of Applied Behavior Analysis*. Epub ahead of print. DOI: 10.1002/jaba.311
- Nevin, J.A., Mace, F.C., DeLeon, I.G., Shahan, T., Shamlian, K.D., Lit, K., Sheehan, T., Frank-Crawford, M.A., Trauschke, S.L., Sweeney, M.M., Tarver, D.R., Craig, A.R. (2016). Effects of signaled and unsignaled alternative reinforcement on persistence and relapse in children and pigeons. *Journal of the Experimental Analysis of Behavior*, 106, 34-57.
- Miller, J.R., DeLeon, I.G., Toole, L.M., Lieving, G.A., & Allman, M.J. (2016). Contingency enhances sensitivity to loss in a gambling task with diminishing returns. *The Psychological Record*, 66, 301-308.
- DeLeon, I.G., Podlesnik, C. A., & Miller, J. (2015). Applied research on resistance to change: Implications for interventions in Autism Spectrum Disorders. In F. DiGennaro-Reed & D. Reed (Eds.), *Bridging the Gap between Science and Practice in Autism Service Delivery*. New York: Springer.
- Freeman, Z.T., Rice, K.A., Soto, P.L., Metcalf Pate, K.A., Weed, M.W., Ator, N.A., DeLeon, I.G., Wong, D.F., Zhou, Y, Mankowski, J.L., Zink, M.C., Adams, R.J., & Hutchinson, E.K. (2015). Neurocognitive dysfunction and pharmacologic intervention using guanfacine in a rhesus macaque model of self-injurious behavior. *Translational Psychiatry*, 5, e567; doi:10.1038/tp.2015.6
- Podlesnik, C.A., & DeLeon, I.G. (2015). Behavioral momentum theory: Understanding persistence and improving treatment. In F. DiGennaro-Reed & D. Reed (Eds.), *Bridging the Gap between Science and Practice in Autism Service Delivery*. New York: Springer.
- Rooker, G.W., DeLeon, I.G., Borrero, C.S.W, Frank-Crawford, M.A., & Roscoe, E.M. (2015). Reducing ambiguity in the functional assessment of problem behavior. *Behavioral Interventions*. 30, 1-35.
- DeLeon, I.G., Chase, J.A., Frank-Crawford, M.A., Carreau-Webster, A.B., Triggs, M.M., & Bullock, C.E. (2014). Distributed and accumulated reinforcement arrangements: Evaluations of efficacy and preference. *Journal of Applied Behavior Analysis*, 47, 293-313.
- DeLeon, I.G., Graff, R.B., Frank-Crawford, M.A., Rooker, G.W., & Bullock, C.E. (2014). Reinforcement arrangements for learners with Autism Spectrum Disorder. In J. Tarbox, D. Dixon, P. Sturmey, & J. Matson (Eds.), *Handbook of Early Intervention for Autism Spectrum Disorders*. New York: Springer.
- Donaldson, J., DeLeon, I.G., Fisher, A., & Kahng, S. (2014). Effects of and preference for conditions of token earn vs. loss. *Journal of Applied Behavior Analysis*, 47, 537-548.
- DeLeon, I.G., Bullock, C.E., & Catania, A.C. (2013). Arranging reinforcement contingencies in applied settings: Fundamentals and implications of recent basic and applied research. In G. Madden, W.V. Dube, G. Hanley, T. Hackenberg, and K.A. Lattal (Eds.) *American Psychological Association Handbook of Behavior Analysis*. Washington, DC: American Psychological Association.
- DeLeon, I.G., Gregory, M.K., & St. Peter, C.C. (2013). Recent developments in behavioral intervention informed by basic research. In R. Hastings & J. Rojahn (Eds.), *International*

- Review of Research in Developmental Disabilities, Volume 44: Challenging Behavior.* Amsterdam: Elsevier Inc. Academic Press.
- Hagopian, L.P., Rooker, G.W., Jessel, J. & DeLeon, I.G. (2013). Initial functional analysis outcomes and modifications in pursuit of differentiation: A summary of 176 inpatient cases. *Journal of Applied Behavior Analysis, 46*, 88-100.
- Hursh, S.R., Madden, G.J., Spiga, R., DeLeon, I.G., & Francisco, M. T. (2013). The translational utility of behavioral economics: The experimental analysis of consumption and choice. In G. Madden, W.V. Dube, G. Hanley, T. Hackenberg, and K.A. Lattal (Eds.) *American Psychological Association Handbook of Behavior Analysis.* Washington, DC: American Psychological Association.
- Iwata, B.A., DeLeon, I.G., & Roscoe, E. (2013). Reliability and validity of the Functional Analysis Screening Tool. *Journal of Applied Behavior Analysis, 46*, 271-284.
- Leon-Enriquez, Y., Lazarchick, W., Rooker, G., & DeLeon, I.G. (2013). Assessment of problem behavior evoked by disruption of ritualistic toy arrangements in a child with Autism. *Journal of Applied Behavior Analysis, 46*, 507-511.
- Cataldo, M.F., Kahng, S., DeLeon, I.G., Martens, B.K., Friman, P.C., Cataldo, M. & Matthews, K. (2012). Behavioral principles, assessment, and therapy. In M. Batshaw (Ed.), *Children with Disabilities (7th Edition).* Baltimore: Paul H. Brookes Publishing Company.
- Frank-Crawford, M. A., Borrero, J.C., Nguyen, L., Leon, Y., Carreau-Webster, A.C., & DeLeon, I.G. (2012). Disruptive effects of contingent food on high-probability behavior. *Journal of Applied Behavior Analysis, 45*, 143-148.
- Rojahn, J., DeLeon, I.G., Rooker, G. W., Frank-Crawford, M. A., Carreau-Webster, A. B, and Leon-Enriquez, Y. (2012). Function-based behavioral intervention for self-injury. In James K. Luiselli (Ed.), *The handbook of high-risk challenging behaviors: Assessment and intervention.* Baltimore: Paul H. Brookes Publishing.
- Allman, M. J., DeLeon, I. G., & Wearden, J. H. (2011). A psychophysical assessment of timing in individuals with autism. *American Journal on Intellectual and Developmental Disabilities, 116*, 165-178.
- DeLeon, I.G. (2011). The aesthetics of intervention in defense of the esoteric. *The Behavior Analyst, 34*, 41-45.
- DeLeon, I.G., Allman, M. J., Richman, D., Triggs, M., Frank, M., Carreau, A., & Vartoomian, S. (2011). Functional analysis of behavioral disturbance related to autistic symptomology. In E. Mayville & J. Mulick (Eds.) *Behavioral Foundations of Effective Autism Treatment.* Cornwall-on-Hudson, NY: Sloan Publishing.
- DeLeon, I.G., Gregory, M.K., Frank-Crawford, M.A., Allman, M.J., Wilke, A.E., Carreau, A.B., & Triggs, M.M. (2011). Examination of the influence of contingency on changes in reinforcer value. *Journal of Applied Behavior Analysis, 44*, 543-558.
- Allman, M. J., DeLeon, I. G., Cataldo, M. F., Holland, P.C., & Johnson, A. W. (2010). Learning processes affecting human decision making: An assessment of reinforcer-selective Pavlovian-to-Instrumental Transfer following reinforcer devaluation. *Journal of Experimental Psychology: Animal Behavior Processes, 36*, 402-408.
- Edgin, J.O., Mason, G., Allman, M.J., Capone, G., DeLeon, I., Maslen, C.L., Reeves, R.H., Sherman, S.L., and Nadel, L. (2010). Development and validation of the Arizona Cognitive Test Battery for Down syndrome. *Journal of Neurodevelopmental Disorders, 2*, 149-164.
- DeLeon, I.G., Frank, M. A., Gregory, M. K., & Allman, M. J. (2009). On the correspondence between preference assessment outcomes and progressive-ratio schedule assessments of stimulus value. *Journal of Applied Behavior Analysis, 42*, 729-733.
- Gregory, M. K., DeLeon, I. G., & Richman, D. M. (2009). The influence of matching and motor imitation abilities on acquisition of manual signs and exchange-based communicative responses. *Journal of Applied Behavior Analysis, 42*, 399-404.

- Jarmolowicz, D.P., DeLeon, I. G., & Contrucci-Kuhn, S.A. (2009). Functional communication during signaled reinforcement and/or extinction. *Behavioral Interventions*, 24, 265-273.
- Allman, M. J. & DeLeon, I. G. (2008). "No Time Like the Present": Time Perception in Autism. In F. Columbus (Ed.), *Causes and Risk Factors for Autism*. New York: Nova Science Publishers.
- DeLeon, I.G. (2008). What else might we ask?: Commentary on Fantino and Stolarz-Fantino's "Gambling: Sometimes unseemly; Not what it seems." *The Analysis of Gambling Behavior*, 2, 89-91.
- DeLeon, I.G., Hagopian, L. P., Rodriguez-Catter, V., Bowman, L. G., Long, E. S., and Boelter, E. W. (2008). Increasing wearing of prescription glasses in individuals with mental retardation. *Journal of Applied Behavior Analysis*, 41, 137-142.
- DeLeon, I. & Silverman, W. (2008). Solutions and hope for severe behaviors: The development of functional behavioral assessment. *Exceptional Parent*, 38, 43-45.
- Cataldo, M.F., Kahng, S., DeLeon, I.G., Martens, B. K., Friman, P. C., & Cataldo, M. (2007). Behavior Management. In M. Batshaw, N. J. Roizen, & L. Pelligrino (Eds.), *Children with Disabilities (6th Edition)*. Baltimore: Paul H. Brookes Publishing Company.
- Kahng, S., & DeLeon, I. G. (2007). Behavior Management. In A. J. Capute & P.J. Accardo, (Eds.) *Neurodevelopmental Disabilities in Infancy and Childhood (3rd Edition)*. Baltimore: Paul H. Brookes.
- Kuhn, D. E., DeLeon, I. G., Terlonge, C., & Goysovich, R. (2006). Comparison of verbal preference assessments in the presence and absence of the actual stimuli. *Research in Developmental Disabilities*, 27, 645-656.
- DeLeon, I.G., Toole, L. M., Gutshall, K. A., & Bowman, L. G. (2005). Individualized sampling parameters for behavioral observations: Enhancing the predictive validity of competing stimulus assessments. *Research in Developmental Disabilities*, 46, 440-455.
- DeLeon, I. G., Williams, D. C., Gregory, M. K., & Hagopian, L. P. (2005). Unexamined potential effects of the noncontingent delivery of reinforcers. *European Journal of Behavior Analysis*, 5, 57-71.
- DeLeon, I. G., Uy, M. L., & Gutshall, K. (2005). Noncontingent reinforcement and competing stimuli in the treatment of pseudoseizures and destructive behaviors. *Behavioral Interventions*, 20, 203-217.
- Long, E. S., Hagopian, L. P., DeLeon, I. G., Marhefka, J., & Resau, D. (2005). Competing stimuli for the treatment of multiply controlled problem behavior during hygiene routines. *Research in Developmental Disabilities*, 26, 57-69.
- DeLeon, I. G., Fisher, W. W., & Marhefka, J. (2004). Decreasing self-injurious behavior associated with awakening in a child with autism and developmental delays. *Behavioral Interventions*, 19, 111-119.
- Fisher, W. W., DeLeon, I. G., Rodriguez-Catter, V., & Keeney, K. (2004). Enhancing the effects of extinction on attention-maintained behavior through noncontingent delivery of attention or stimuli identified via a competing stimulus assessment. *Journal of Applied Behavior Analysis*, 37, 171-184.
- Fritz, J., DeLeon, I. G., & Lazarchick, W. (2004). Separating the influence of escape and access to preferred activities on problem behavior occurring in instructional contexts. *Behavioral Interventions*, 19, 159-171.
- Toole, L. M., DeLeon, I. G., Kahng, S., Ruffin, G. E., Pletcher, C. A., & Bowman, L. G. (2004). Re-evaluation of constant versus varied punishers using empirically derived consequences. *Research in Developmental Disabilities*, 25, 577-586.
- DeLeon, I. G., Arnold, K. A., Rodriguez-Catter, V., & Uy, M. L. (2003). Covariation between bizarre and non-bizarre speech as a function of the content of social attention. *Journal of Applied Behavior Analysis*, 36, 101-104.
- DeLeon, I. G., Kahng, S., Rodriguez-Catter, V., Sveinsdóttir, I., & Sadler, C. (2003).

- Assessment of aberrant behavior maintained by wheelchair movement in children with developmental disabilities. *Research in Developmental Disabilities*, 24, 381-390.
- Catania, A. C., Sveinsdóttir, I., DeLeon, I. G., & Christensen, A., & Hineline, P. N. (2002). The paradoxical vocabularies of topography-based and selection-based verbal behavior. *European Journal of Behavior Analysis*, 3, 81-85.
- DeLeon, I. G., Rodriguez-Catter, V. & Cataldo, M. F. (2002). Treatment: Current standards of care and their research implications. In S. Schroeder, M. L. Oster-Granite, & T. Thompson (Eds). *Self-Injurious Behavior: Gene-Brain-Behavior Relationships*. Washington, D.C.: APA Books.
- DeLeon, I. G., Fisher, W. W., Rodriguez-Catter, V., Maglieri, K., Herman, K., & Marhefka, J. (2001). Examination of relative reinforcement effects of stimuli identified through pretreatment and daily brief preference assessments. *Journal of Applied Behavior Analysis*, 34, 463-473.
- DeLeon, I. G., Niedert, P., Anders, B., & Rodriguez-Catter, V. (2001). Choices between positive and negative reinforcement during treatment for escape-maintained behavior. *Journal of Applied Behavior Analysis*, 34, 521-525.
- Schroeder, S. R., Oster-Granite, M. L., Berkson, G., Bodfish, J. W., Breese, G. R., Cataldo, M. F., Cook, E. H., Crnic, L. S., DeLeon, I., Fisher, W., Harris, J. C., Horner, R. H., Iwata, B. A., Jinnah, H. A., King, B. H., Lauder, J. M., Lewis, M. H., Newell, K., Nyhan, W. L., Rojahn, J., Sackett, G. P., Sandman, C., Symons, F., Tessel, R. E., Thompson, T., & Wong, D. F. (2001). Self-injurious behavior: Gene-brain-behavior relationships. *Mental Retardation and Developmental Disabilities Research Reviews*, 7, 3-12.
- Catania, A. C., DeLeon, I. G., & Cataldo, M. F. (2000). A master's program in applied behavior analysis: Contingencies for initiation and maintenance. *Behavior Analysis Today*, 1, 58-63.
- DeLeon, I. G., Anders, B. M., Rodriguez-Catter, V., & Neidert, P. L. (2000). The effects of noncontingent access to single- versus multiple-stimulus sets on self-injurious behavior. *Journal of Applied Behavior Analysis*, 33, 623-626.
- Fisher, W. W., DeLeon, I. G., & Kuhn, D. E. (2000). Functional analysis of precurrent contingencies between mands and destructive behavior. In J. C. Leslie & D. Blackman (Eds.). *Experimental and Applied Analysis of Human Behavior*. Reno, NV: Context Press.
- Hagopian, L. P., Crockett, J. L., van Stone, M., DeLeon, I. G., & Bowman, L. G. (2000). Effects of noncontingent reinforcement on problem behavior and stimulus engagement: The role of satiation, extinction, and alternative reinforcement. *Journal of Applied Behavior Analysis*, 33, 433-449.
- Maglieri, K. A., DeLeon, I. G., Rodriguez-Catter, V., & Sevin, B. M. (2000). Treatment of covert food stealing in an individual with Prader-Willi Syndrome. *Journal of Applied Behavior Analysis*, 33, 615-618. Reprinted in the *Pediatric Review Journal*, 2, 20-22, 2002.
- DeLeon, I. G., Fisher, W. W., Herman, K. M., & Crosland, K. C. (2000). Assessment of a response bias for aggression over functionally equivalent appropriate behavior. *Journal of Applied Behavior Analysis*, 33, 73-77.
- Fisher, W. W., O'Connor, J. T., Kurtz, P. F., DeLeon, I. G., & Gotjen, D. L. (2000). The effects of noncontingent delivery of higher and lower quality reinforcers on destructive behavior. *Journal of Applied Behavior Analysis*, 33, 79-83.
- Goh, H., Iwata, B. A., & DeLeon, I. G. (2000). Competition between noncontingent and contingent reinforcement schedules during response acquisition. *Journal of Applied Behavior Analysis*, 33, 195-205.
- Kahng, S., Iwata, B. A., DeLeon, I. G., & Wallace, M. D. (2000). A comparison of procedures for programming noncontingent reinforcement schedules. *Journal of Applied Behavior Analysis*, 33, 223-231.

- DeLeon, I. G., Iwata, B. A., Conners, J., & Wallace, M. D. (1999). Examination of ambiguous stimulus preferences with duration-based measures. *Journal of Applied Behavior Analysis, 32*, 111-114.
- Fisher, W. W., Thompson, R. H., DeLeon, I. G., Piazza, C. C., Kuhn, D. E., Rodriguez-Catter, V. & Adelinis, J. A. (1999). Noncontingent reinforcement: Effects of satiation versus vs. choice responding. *Research in Developmental Disabilities, 20*, 411-427.
- Kuhn, D. E., DeLeon, I. G., Fisher, W. W., & Wilke, A. E. (1999). Clarifying ambiguous functional analyses with "matched" and "mismatched" extinction procedures. *Journal of Applied Behavior Analysis, 32*, 99-102.
- Lindberg, J. S., Iwata, B. A., Kahng, S., & DeLeon, I. G. (1999). DRO contingencies: An analysis of variable-momentary schedules. *Journal of Applied Behavior Analysis, 32*, 123-136.
- Lindauer, S. E., DeLeon, I. G., and Fisher, W. W. (1999). Decreasing signs of negative affect and correlated self-injury in an individual with mental retardation and mood disturbances. *Journal of Applied Behavior Analysis, 32*, 103-106.
- DeLeon, I. G., Iwata, B. A., Goh, H., & Worsdell, A. S. (1997). Emergence of reinforcer preference as a function of schedule requirements and stimulus similarity. *Journal of Applied Behavior Analysis, 30*, 439-449.
- DeLeon, I. G., Iwata, B. A., & Roscoe, E. M. (1997). Displacement of leisure reinforcers by food during preference assessments. *Journal of Applied Behavior Analysis, 30*, 475-484.
- Kahng, S., Iwata, B. A., DeLeon, I. G., & Worsdell, A. S. (1997). Evaluation of the "control over reinforcement" component in functional communication training. *Journal of Applied Behavior Analysis, 30*, 267-277.
- Lerman, D. C., Iwata, B. A., Shore, B. A., & DeLeon, I. G. (1997). Effects of intermittent punishment on self-injurious behavior: An evaluation of schedule thinning. *Journal of Applied Behavior Analysis, 30*, 187-201.
- Shore, B. A., Iwata, B. A., DeLeon, I. G., Kahng, S., & Smith, R. G. (1997). An analysis of reinforcer substitutability using object manipulation and self-injury as competing responses. *Journal of Applied Behavior Analysis, 30*, 21-41.
- DeLeon, I. G. (1996). Indirect functional assessment instruments. *Self-Injury Abstracts and Reviews, 5*, 1-3.
- DeLeon, I. G., & Iwata, B. A. (1996). Evaluation of a multiple-stimulus presentation format for assessing reinforcer preferences. *Journal of Applied Behavior Analysis, 29*, 519-533.
- DeLeon, I. G., & Fuqua, R. W. (1995). The effects of public commitment and group feedback on curbside recycling. *Environment and Behavior, 27*, 233-250.
- Goh, H., Iwata, B. A., Shore, B. A., DeLeon, I. G., Lerman, D. C., Ulrich, S. M., & Smith, R. G. (1995). An analysis of the reinforcing properties of hand-mouthing. *Journal of Applied Behavior Analysis, 28*, 269-283.
- Shore, B. A., Lerman, D. C., Smith, R. G., Iwata, B. A., & DeLeon, I. G. (1995). Direct assessment of quality of care in a nursing home. *Journal of Applied Behavior Analysis, 28*, 435-448.
- DeLeon, I. G. (1994). Gentle teaching. *Self-Injury Abstracts and Reviews, 3*, 1-2.
- DeLeon, I. G. (1994). Treatment of self-injurious behavior with opioid antagonists. *Self-Injury Abstracts and Reviews, 3*, 1-3.
- Lesage, M., Makhay, M., DeLeon, I., & Poling, A. (1994). The effects of d-amphetamine and diazepam on schedule-induced defecation in rats. *Pharmacology, Biochemistry & Behavior, 48*, 787-790.

PAPERS ACCEPTED PENDING REVISION, REVISION SUBMITTED

Levy, A., Martinez, C.K., Sigurdsson, S.O., Frank-Crawford, M.A. & DeLeon, I. G. (accepted

pending revision). A quantitative review of overjustification effects in persons with intellectual and developmental disabilities. *Journal of Applied Behavior Analysis*.
 Lieving, G.A., DeLeon, I.G., Carreau-Webster, A.B., Frank-Crawford, M.A., & Triggs, M.M.
 (accepted pending revision). Additional free reinforcers increase persistence of problem behavior in a clinical context. *Journal of the Experimental Analysis of Behavior*.

PAPERS ACCEPTED PENDING REVISION, IN REVISION

Castillo, M.I., Clark, D. R., Schaller, E.A., Donaldson, J.M., DeLeon, I.G., & Kahng, S.
 (accepted pending revision). Descriptive analysis of problem behavior during transitions of children with intellectual disabilities. *Journal of Applied Behavior Analysis*.
 DeLeon, I.G., Hursh, S.R., Frank-Crawford, M.A., Miller., J.R., Bullock, C. E., & Carreau-Webster, A.B. (accepted pending revision). Behavioral economics in intellectual disabilities: Demand elasticity as a function of effort, delay, and reinforcer similarity. *Journal of the Experimental Analysis of Behavior*.

EXTRAMURAL SPONSORSHIP: CURRENT

2010-2016 Behavioral Persistence: Basic, Translational, & Clinical Studies (R01 HD064576)
 Sponsor: National Institute of Child Health and Human Development
 Total Costs (Direct and Indirect): \$1,576,346
 Role: Co-Investigator (PI: John Nevin, University of New Hampshire)

EXTRAMURAL SPONSORSHIP: COMPLETED

2009-2015 Translational Analysis of Chronic Aberrant Behavior across the Life Span (P01 HD055456)
 Sponsor: National Institutes of Child Health and Human Development
 Total Costs (Direct and Indirect): \$4,612,486
 Roles: Former Principal Investigator (Current PI: Louis Hagopian), Project 2 Principal Investigator, Project 1 Co-Investigator; Core A Co-Investigator

2006-2015 Behavioral Economics in MRDD and Behavior Disorders (R01 HD049753)
 Sponsor: National Institute of Child Health and Human Development
 Total Costs (Direct and Indirect): \$1,355,388
 Role: Principal Investigator

2009-2014 A Down Syndrome "Virtual Center" for Basic and Translational
 Sponsor: Down Syndrome Treatment and Research Foundation
 Total Direct Costs: \$200,000
 Role: Co-Investigator (PI: Roger Reeves, Johns Hopkins University School of Medicine)

2012-2013 A Multi-Center, Placebo-Controlled, Multiple Dose Study to Investigate Safety and Tolerability of RG1662 in Adults with Down Syndrome
 Sponsor: F. Hoffman-LaRoche, LTD
 Role: Co-Investigator (PI: Julie Hoover-Fong, Johns Hopkins University School of Medicine)

2005-2010 Laboratory Models of Maladaptive Escape Behaviors (R01 HD044731)
 Sponsor: National Institute of Child Health and Human Development

- Total Costs (Direct and Indirect): \$1,243,750
Role: Co-Investigator (PI: Dean Williams, University of Kansas)
- 2007-2010 Translational Research on NCR Interventions for Behavior Disorders (R21 HD053556)
Sponsor: National Institutes of Child Health and Human Development
Total Costs (Direct and Indirect): \$392,037
Role: Principal Investigator
- 2008-2009 Reward System in Autism (R21 MH077651)
Sponsor: National Institute of Mental Health
Total Costs (Direct and Indirect): \$398,138
Role: Co-Investigator (PI: Melissa Goldberg, Johns Hopkins university School of Medicine)
- 2004-2009 Functional Analysis and Treatment of Symptoms of Autism (R01 MH069739)
Sponsor: National Institute of Mental Health
Total Direct Costs: \$1,125,000
Role: Co-Investigator (PI: Wayne W. Fisher, Johns Hopkins University School of Medicine)
- 2004-2006 Establishment and Durability of Reinforcing Stimuli (R03 MH072845)
Sponsor: National Institute of Mental Health
Total Costs (Direct and Indirect): \$79,683
Role: Principal Investigator
- 1999-2002 Choice and the Function of Destructive Behavior (R01 HD37837)
Sponsor: National Institute of Child Health and Human Development
Total Direct Costs: \$456,383.00
Role: Co-Investigator (PI: Wayne W. Fisher, Johns Hopkins University School of Medicine)

EDUCATIONAL ACTIVITIES

CLASSROOM INSTRUCTION: GRADUATE COURSES

Academic Program Development, University of Florida (2015)
Advanced Topics in Applied Behavior Analysis, University of Maryland-Baltimore County (2012)
Applied Research Methodology I, University of Nevada-Reno (2002)
Applied Behavior Analysis I, University of Florida, 2016
Applied Behavior Analysis: Design of Interventions, University of Maryland-Baltimore County (1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010)
Behavioral and Systems Assessment, University of Nevada-Reno (2006)
Functional Assessment of Behavioral Disturbances Related to Diagnostic Symptoms of Autism, Florida Institute of Technology, 1-credit seminar (2009)
Reinforcers, Reinforcement, and Choice Responding in Applied Settings, Florida Institute of Technology, 1-credit seminar (2008)
Theoretical Foundations of Behavior Analysis, University of Florida (2015)

CLASSROOM INSTRUCTION: UNDERGRADUATE COURSES

Applied Behavior Analysis, University of Florida, 2016
 Behavior Analysis in Autism, University of Florida, 2015
 Introductory Psychology, Western Michigan University (1992, 1993)
 Psychology of Learning, University of Maryland, Baltimore County (2003, 2004)

CLINICAL INSTRUCTION

Practicum Director, Applied Behavior Analysis Master's Program, University of Maryland, Baltimore County (1999-2009)

CONTINUING EDUCATION INSTRUCTION AND WORKSHOPS

- 2015 Stimulus Preference Assessment Procedures. Online tutorial prepared for Michigan Autism Training Videos, produced by Western Michigan University through a grant from the Michigan Department of Community Health. Available at:
www.youtube.com/watch?v=b2qSiCbKkDA
- 2013 Behavior Reduction: Advanced Functional Analysis and Function-Based Treatment. Online coursework prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2012 Reinforcement-Based Interventions for Problem Behavior in IDD: Considerations for Adoption in the Natural Environment. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2011 Assessment and Treatment of Severe Problem Behavior: Lessons from Contemporary Clinical and Translational Research. Workshop for Association for Professional Behavior Analysts, Boston, MA
- 2010 Functional Assessment of Behavioral Disturbances Related to Diagnostic Features of Autism Spectrum Disorders. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2008 Advanced Topics in Functional Analysis. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2008 Arranging Reinforcement Systems in Applied Settings: Lessons for Basic and Applied Research. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2008 Experimental Evaluations of Interventions. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2008 Behavioral Assessment: Functional Analysis, Severity Assessment, and Preference Assessment. Online CE instruction prepared for ABC Technologies, Florida Institute of Technology, Melbourne, FL
- 2004 Behavior Management Strategies for Individuals with Developmental Disabilities. Workshop for Yes I Can International, Sykesville, MD
- 2001 Application of Behavior Analysis to the Assessment and Treatment of Severe Behavior Disorders, Instructor (with S. Kahng, L. G. Bowman, L. P. Hagopian, & E. S. Long), Workshop for the New Lisbon Developmental Ctr., New Lisbon, NJ
- 1994 Methods of Conducting Functional Analyses of Severe Behavior Disorders, Instructor (with B. A. Iwata, B. A. Shore, and D. C. Lerman). Workshop for the Florida Association for Behavior Analysis, Orlando, FL

ADVISEES: POST-DOCTORAL FELLOWS

2014-2015 Catherine Martinez, Ph.D., University of Florida

- 2013-2014 Jonathan Miller, Ph.D., Kennedy Krieger Institute and Johns Hopkins University School of Medicine; Current position: Instructor, University of Colorado-Denver
- 2010–2012 Christopher Bullock, Ph.D., Kennedy Krieger Institute and Johns Hopkins University School of Medicine; Current position: Research Scientist, Kennedy Krieger Institute
- 2010–2012 Griffin Rooker, Ph.D., Kennedy Krieger Institute and Johns Hopkins University School of Medicine; Current position: Assistant Professor, Johns Hopkins University School of Medicine
- 2006-2009 Melissa Allman, Ph.D., Kennedy Krieger Institute and Johns Hopkins University School of Medicine; Current position: Assistant Professor, Michigan State University

ADVISEES: DOCTORAL STUDENTS

- 2016-present Brianna Laureano, University of Florida
- 2016-present Sarah Weinsztok, University of Florida
- 2015-present Natalie Fernandez, University of Florida
- 2015-present Kissel Goldman, University of Florida
- 2015-present Elizabeth Schieber, University of Florida

ADVISEES: MASTER'S DEGREE (LISTED BY GRADUATION YEAR)

- 2014 Andrea Goffus, M.A. *Further Examination of the Effects of Magnitude on Stimulus Displacement During Paired Stimulus Preference Assessments*. University of Maryland Baltimore County
- 2014 Paul Niesen, M.A., *Assessment of Common Behavioral Treatments: A Summary of 229 Published Data Sets*, University of Maryland Baltimore County
- 2014 Abigail Long, M.A., *Using an Observing Response to Increase Discrimination During Mand Training*. University of Maryland Baltimore County
- 2014 Alexa Garcia, *Characterizing the Course of Operant Extinction*, University of Maryland Baltimore County,
- 2013 Leaora Wagner, M.A., *The Effect of Treatment Challenges During Differential Reinforcement of Alternative Behaviors*. University of Maryland Baltimore County
- 2013 James Chastain, M.A., *Responding under Escalating and Constant Unit Prices: Manipulation of Reinforcement Duration*, University of Maryland, Baltimore County
- 2013 Mackenzie Wyatt, M.A., *Manipulating Stimulus Quality and Response Effort to Influence Selection of Healthy Foods*, University of Maryland Baltimore County
- 2010 Allison Schultz, M.A., *The Detrimental Effects of Extrinsic Reinforcement on Intrinsic Motivation in Persons with Intellectual Disabilities: A Post-Hoc Examination of Reinforcer Assessment Data*. University of Maryland Baltimore County
- 2010 Seth Clark, M.A., *Assessing the Role of Second-Order Schedules of Token Reinforcement on Responding Under Increasing Schedule Requirements*. University of Maryland, Baltimore County
- 2009 Rachel Maher, M.A., *Evaluating the Role of Generalization on Untrained Functional Communication Mands*, University of Maryland Baltimore County
- 2009 Ainsley Thompson, M.A., *On the Role of Preference Assessments during Behavioral Acquisition*, University of Maryland, Baltimore County
- 2007 Jennifer Rusak, M. A., *The Effect of Task Choice on Task Compliance and Escape Maintained Problem Behavior*, University of Maryland Baltimore County
- 2006 David Jarmolowicz, M. A. *Multiple Schedule FCT Responding in the Presence of Signaled S-delta and/or SDs*. University of Maryland Baltimore County

- 2006 Julie Chase, M. A., *An Assessment of Preference for Spaced vs. Massed Access to Reinforcers for Compliance with Academic Demands*, University of Maryland Baltimore County
- 2005 Katharine Gutshall, M. A. *The Effects of Reinforcer Choice on Responding as a Function of Ratio Requirements and Task Difficulty*. University of Maryland Baltimore County
- 2005 Tiffany Reid, M. A. *Discrimination Training: Teaching a Prerequisite Skill to Facilitate the Acquisition of the Picture Exchange Communication System for an Individual with Mental Retardation*. University of Maryland Baltimore County
- 2004 Meagan Gregory, M.A. *The Use of a Structured Assessment to Determine Whether to Teach Manual Signs or a Picture Exchange System*. University of Maryland-Baltimore County
- 2003 Sherry Spencer, M.A. *Assessment and Treatment of Self-Biting and Aggression in a 14-Year-Old Boy Diagnosed with Profound Mental Retardation*. University of Maryland-Baltimore County
- 2003 Jennifer Kelley, M.A. *Use of a Three-Step Prompting Hierarchy and Contingent Reinforcement to Promote Accurate Responding within a Photographic Communication Medium*. University of Maryland-Baltimore County
- 2003 Selena Emond, M.A. *Functional Communication Training plus Extinction for Escape Maintained Behavior in Demand Conditions identified via Further Demand Analysis*. University of Maryland-Baltimore County
- 2002 Lisa Toole, M.A. *Re-Evaluation of Constant versus Varied Punishers Using Empirically Derived Consequences*. University of Maryland-Baltimore County
- 2002 Vanessa Patrone, M.A. *Functional Communication Training with Delay to reinforcement in the Treatment of Multiply Controlled Problem Behavior*. University of Maryland-Baltimore County
- 2002 Michelle Uy, M.A. *Assessment and Treatment of Self-Injurious Behavior in a 10-year-old Boy with Mental Retardation*. University of Maryland-Baltimore County
- 2002 Anna Burns, M.A. *Teaching Children with Developmental Disabilities to Communicate for Preferred Items: The Role of Iconicity in Acquisition*. University of Maryland-Baltimore County

ORGANIZATIONAL ACTIVITIES

LEADERSHIP IN PROFESSIONAL ORGANIZATIONS

- 2015-pres. President, Behavior Analyst Certification Board
- 2015-pres. Editor for Translational Research, *Journal of the Experimental Analysis of Behavior*
- 2014-pres. Board of Directors, Society for the Experimental Analysis of Behavior
- 2011-pres. Board of Directors, Behavior Analyst Certification Board
- 2011-2014 Science Board, Association for Behavior Analysis International
- 2010-2011 Program Chair, American Psychological Association, Division 25
- 2003-2006 Associate Editor, *Journal of Applied Behavior Analysis*
- 2001-2002 President, Maryland Association for Behavior Analysis
- 1998-2000 Program Chair, Maryland Association for Behavior Analysis
- 1998-2014 Executive Committee, Maryland Association for Behavior Analysis

EDITORIAL BOARD APPOINTMENTS

- 2015-pres *Behavior Analysis: Research and Practice*

2012-pres. *Journal of the Experimental Analysis of Behavior*
 2012-pres. *The Behavior Analyst*
 2007-pres. *Journal of Mental Health Research in Intellectual Disabilities*
 1998-pres. *Journal of Applied Behavior Analysis*

AD HOC REVIEWER

American Journal of Intellectual and Developmental Disabilities, Behavior Analysis in Practice, Behavior Modification, Behavioral Interventions, Experimental Analysis of Human Behavior Bulletin, Journal of Applied Behavior Analysis, Journal of Applied Research in Intellectual Disabilities, Journal of Applied Social Psychology, Journal of Autism and Developmental Disorders, Journal of the Experimental Analysis of Behavior, Journal of Intellectual Disability Research, The Psychological Record, Research in Developmental Disabilities

MEMBERSHIP IN PROFESSIONAL SOCIETIES (*CURRENT MEMBER)

American Psychological Association*
 Association for Behavior Analysis: International*
 Association for Professional Behavior Analysts
 Berkshire Association for Behavior Analysis and Therapy*
 California Association for Behavior Analysis*
 Eastern Psychological Association
 Florida Association for Behavior Analysis*
 Maryland Association for Behavior Analysis*
 Society for Behavioral Medicine
 Southeastern Association for Behavior Analysis
 Texas Association for Behavior Analysis
 Virginia Association for Behavior Analysis

UNIVERSITY SERVICE

2016-pres. Merit Committee, Department of Psychology, University of Florida
 2015-pres. New Building Committee, Department of Psychology, University of Florida
 2014-pres. Faculty Advisor, Behavioral Economics Society, University of Florida
 2013 Faculty Search Committee, University of Maryland-Baltimore County, Applied Behavior Analysis Search
 2007-2014 Review Committee, Johns Hopkins Institute for Clinical and Translational Research
 2006-2010 Co-Director, Applied Behavior Analysis Program, Department of Psychology, University of Maryland-Baltimore County
 2006 Faculty Search Committee, University of Maryland-Baltimore County, Applied Behavior Analysis Search
 2002 Faculty Search Committee, University of Maryland-Baltimore County, Applied Behavior Analysis Search
 2001 Faculty Search Committee, University of Maryland-Baltimore County, Applied Behavior Analysis Search
 2000-2007 Clinical Research Centers Advisory Committee, Johns Hopkins University School of Medicine
 2000-2007 Protocol Review Subcommittee, Neurobehavioral Research Unit, Johns Hopkins University School of Medicine General Clinical Research Center
 1991-1992 Experimental and Applied Behavior Analysis Program Committee, Elected

Student Representative, Psychology Department, Western Michigan University

NON-UNIVERSITY ORGANIZATIONAL SERVICE

2014 Executive Compensation Committee, Behavior Analysis Certification Board
 2012-2013 Convention Program Task Force, Association for Behavior Analysis International
 2011-2015 Chair, Appeals Committee, Behavior Analyst Certification Board
 2011 Grant Reviewer, University of Wisconsin Research Growth Initiative
 2009-2011 Nominations and Elections Committee, American Psychological Association
 Division 25
 2009 Job Task Analysis Committee, Behavior Analyst Certification Board
 2009 Grant Reviewer, Pennsylvania Department of Health
 2008 Grant Reviewer, Down Syndrome Treatment and Research Foundation
 2006-2014 Chair, Professional Affairs Committee, Maryland Association for Behavior
 Analysis
 2006-2008 Exam Review Panel, Behavior Analysis Certification Board
 2005-pres. Board of Advisors, Garden Academy, Maplewood, NJ
 2003 Behavior Analysis Expert Panelist, Behavior Analysis Certification Board
 1990 Behavior Program Review Committee, Florida Department of Health and
 Rehabilitative Services District 3

CONSULTING

2014-pres. Arcus Community Resources Ltd., Vancouver, BC, Canada
 2014 Western Michigan University and Michigan Department of Community Health,
 Kalamazoo, MI
 2013 The Burkhart Center for Autism Education and Research, Texas Tech University,
 Lubbock, TX
 2011-2014 ABLE Developmental Clinic, Inc., Vancouver, BC, Canada
 2009-2014 The Children's Foundation, Vancouver, BC, Canada
 2005-2006 Center for Autism and Related Disorders, Tarzana, CA
 2005 Behavior Development Solutions, Woodbury, CT
 2001 & 2006 Liberty Healthcare Corporation, Bala CynWyd, PA
 1998 KenMarc Care/Georgia Providers Collaborative, Atlanta, GA
 1995-1997 Tennessee Department of Mental Retardation, Memphis, TN
 1993 Florida Department of Health and Rehabilitative Services, Gainesville, FL

RECOGNITION

INVITED LECTURES & KEYNOTES

2016 *Understanding and Improving Tokens Systems and Related Instructional Arrangements through Behavioral Economics*. Invited lecture presented at the National Autism Conference, Pennsylvania State University, State College, PA
 2016 *Recent Developments at the Behavior Analyst Certification Board*. Invited lecture presented at the National Autism Conference, Pennsylvania State University, State College, PA
 2015 *Reinforcer Accumulation and Implications for Applied Settings*. Invited lecture presented to the Maryland Association for Behavior Analysis, Baltimore, MD
 2015 *Behavioral Economics: Fundamentals and Implications for Behavioral Intervention*.

- Keynote address presented at the California State Univeristy, Fresno Applied Behavior Analysis Conference, Fresno, CA
- 2015 *What Can Microeconomic Theory Tell Us About Reward Value in Persons with Autism?* Invited lecture presented to Impact Autism at the University of Florida, Gainesville, FL
- 2015 *What's Left to do in Preference and Reinforcer Assessment?* Invited lecture presented to the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA
- 2015 *Reinforcer Accumulation in Humans: Explorations and Implications for Applied Settings.* Invited lecture presented to the California Association for Behavior Analysis, San Diego, CA
- 2015 *Behavioral Economics: Fundamentals and Implications for Intervention in ASD.* Invited lecture presented to the Association for Behavior Analysis International, San Antonio, TX
- 2014 *Translational Research Towards Enhancing Interventions for Severe Behavior Problems.* Invited lecture presented to the Department of Psychology, Florida Institute of Technology, Melbourne, FL
- 2014 *Translational Research in Developmental Disabilities,* Invited lecture presented to the Department of Psychology, University of Florida, Gainesville, FL
- 2014 *Behavioral Economics in the Clinic: Demand Elasticity, Substitutable Commodities, and the Treatment of Problem Behavior.* Invited lecture presented to the Department of Psychology, University of Wisconsin-Milwaukee, Milwaukee, WI
- 2014 *Determinants of Reinforcer Value in Persons with Intellectual Disabilities.* Invited lecture delivered to Melmark New England, Berwyn, PA
- 2013 *Preference Assessments for Students with Autism Spectrum Disorder.* Invited paper presented at the National Autism Conference, Pennsylvania State University, College Park, PA
- 2013 *Arranging Reinforcement Contingencies in Applied Settings: Recent Lessons from Basic Research.* Invited lecture presented at the Annual Meeting of the Florida Association for Behavior Analysis, Daytona Beach, FL
- 2013 *Reinforcer Accumulation: Explorations and Implications for Applied Settings.* Invited lecture presented at the 2013 Meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA
- 2013 *Translational Behavior Analysis in the Service of Autism Spectrum Disorders.* Invited lecture presented at the Curry School of Education, University of Virginia, Charlottesville, VA
- 2013 *Reinforcer Accumulation: Explorations and Implications for Applied Settings.* Invited lecture presented to the Heartland Association for Behavior Analysis (presented via Web Conference).
- 2012 *On the value of reinforcer "continuity."* Invited talk presented at the 2nd Annual Meeting of the Association of Professional Behavior Analysts, Tampa, FL.
- 2012 *Behavioral economics as a framework for addressing severe behavior problems of individuals with intellectual disabilities.* Invited lecture delivered at the Eunice K. Shriver Center, University of Massachusetts Medical Center, Waltham, MA.
- 2012 *Translational Research Towards Enhancing Interventions for Severe Behavior Problems.* Keynote address presented at the Third Annual Meeting of the Vermont Association for Behavior Analysis, Montpelier, VT.
- 2012 *Translational Research towards Enhancing Interventions for Severe Behavior Problems.* Invited talk presented at the 2012 Meeting of the Missouri Association for Behavior Analysis, St. Louis, MO.
- 2012 *Translational Research towards Enhancing Interventions for Severe Behavior Problems.* Invited talk presented to the Department of Child and Family Studies, University of South Florida, Tampa, FL
- 2011 *Applying behavioral economic concepts towards the treatment of challenging behavior in*

- individuals with autism*. Invited paper presented at the Association for Behavior Analysis 2011 Autism Conference, Washington, DC.
- 2011 *Translational explorations towards enhancing intervention for severe behavior problems*. Invited paper presented to the Department of Psychology, Utah State University, Logan, UT.
- 2011 *Exploring the behavioral bases of social deficits in children with autism spectrum disorders*. Invited paper presented at the annual meeting of the California Association for Behavior Analysis, San Francisco, CA.
- 2011 *Explorations in the behavioral characterization of core diagnostic features of autism*. Invited paper presented at the annual meeting of the Texas Association for Behavior Analysis, Galveston, TX.
- 2011 *Translational explorations towards enhancing intervention for severe behavior problems*. Invited paper presented to the Department of Psychology, Florida International University, Miami, FL.
- 2011 *Contemporary experimental analysis of behavior for practicing applied behavior analysts*. Invited address presented at the First Annual Meeting of the Association of Professional Behavior Analysts, Boston, MA.
- 2011 *Idiosyncratic functions of aberrant behavior*. Invited paper delivered to the Greiningarog ráðgjafarstöð ríkisins (State Diagnostic and Counselling Centre) Reykjavik, Iceland.
- 2011 *Exploring determinants of reinforcer effectiveness in children with intellectual disabilities*. Invited talk presented at the Second Meeting of the Icelandic Association for Behavior Analysis, Reykjavik, Iceland
- 2010 *Determinants of stimulus value: Exploring the relation between effort and subsequent value*. Invited paper presented to the Department of Psychology, University of Maryland, Baltimore County, Baltimore, MD.
- 2009 *Is it Really a Good Idea to Deliver Noncontingent Reinforcers When Treating Problem Behavior?* Invited paper presented at the 4th annual University of Missouri Autism Intervention Conference, Columbia, MO.
- 2009 *Functional Assessment of Behavioral Disturbances Related to Diagnostic Features of Autism*. Invited paper presented at the Conference on Innovations in Autism treatment and Applied Behavior Analysis, Caldwell College, Caldwell, NJ.
- 2009 *Functional Assessment of Behavioral Disturbances Related to Diagnostic Features of Autism*. Invited paper presented to the Rehabilitation Institute, Southern Illinois University, Carbondale, IL.
- 2009 *Behavioral economics in the clinic: Translational research on substitutability, demand, and unit price in the treatment of behavior disorders*. In G. Hanley (Chair), *Science Board Translational Series: History and Current Status of Translational Research in Behavioral Economics*. Invited symposium presented at the 35th Annual Meeting of the Association for Behavior Analysis: International, Phoenix, AZ (with Frank, M.A., Triggs, M.M., Carreau, A., Gregory, M.K., & Allman, M.J.).
- 2009 *Is Giving Stuff Away such a Good Idea? Translational Explorations on Some Effects of NCR*. Invited paper presented at the 35th Annual Meeting of the Association for Behavior Analysis: International, Phoenix, AZ.
- 2009 *Determinants of stimulus value: Exploring the relation between effort and subsequent value*. Invited paper presented at the 9th Annual Meeting of the Mid-American Association for Behavior Analysis, Davenport, IA.
- 2009 *Behavioral economics in the clinic: Explorations in the treatment of behavior disorders*. Invited paper presented at the 30th annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.
- 2009 *Translational explorations on potentially detrimental effects of “noncontingent reinforcement”*. Invited paper presented at the annual meeting of the Southeastern

- Association for Behavior Analysis, Wilmington, NC.
- 2008 *Perfect Interventions in an Imperfect World*. Invited paper presented at the 3rd Annual University of Missouri Autism Intervention Conference, Columbia, MO (with Y. Leon)
- 2007 *On the Increasing Convergence of Stimulus Preference Assessment and Functional Analytic Intervention*. Invited paper presented at the meeting of the Florida Association for Behavior Analysis, Jacksonville, FL.
- 2007 *A Battery of Cognitive Tests for Assessment of Children with Down Syndrome*. Invited paper presented to the Department of Physiology, Johns Hopkins University School of Medicine, Baltimore, MD.
- 2006 *Exploring the Effects of Effort on Relative Stimulus Value in Individuals with Developmental Disabilities*. Invited paper presented at the Virginia Association for Behavior Analysis, Harrisburg, VA (with M.K. Gregory).
- 2006 *“Work Ethic” Effects in Individuals with Developmental Disabilities: Exploring Relations between Effort and Subsequent Stimulus Value*. Invited paper presented at the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA. (with M. K. Gregory).
- 2005 *Idiosyncratic Functions of Aberrant Behavior*. Invited paper presented to the Center for Autism and Related Disorders. Los Angeles, CA.
- 2005 *Cognitive Dissonance, Hedonic Contrast, and the Relativity of Reinforcement: Implications for the Use of Reinforcers in MR/DD*. Invited paper presented to the Center for Autism and Related Disorders. Los Angeles, CA (with M. K. Gregory).
- 2004 *Establishment and Durability of Clinically Effective Stimuli*. Invited paper presented for the Kennedy Krieger Institute Core Course Curriculum. Baltimore, MD (with M.F. Cataldo & M.K. Gregory).
- 2003 *Assessment of Problem Behavior Maintained Through Interactions with High-Probability Collateral Responses*. Invited paper presented to the Department of Psychology, Central Michigan University, Mt. Pleasant, MI.
- 2003 *Examining Idiosyncratic Behavioral Functions for Problem Behavior: Inter-response Relations among Problem Behavior and Core Diagnostic Symptoms of Individuals with Developmental Disabilities*. Invited paper presented to the Department of Psychology, Florida International University, Miami, FL.
- 2003 *Functional assessment of problem behavior maintained through interactions with high-probability collateral responses*. Invited paper presented to the Department of Psychology, Rowan University, Glassboro, NJ.
- 1999 *Self-Injury: Overview of Current Mechanisms and Intervention Strategies*. Paper presented at the National Institute on Child Health and Human Development Conference on Self-Injurious Behavior, Rockville, MD (with M. F. Cataldo).
- 1998 *The Treatment of Self-Injurious Behavior with Opioid Antagonists*. Invited paper presented to the Department of Behavioral Psychology, Kennedy Krieger Institute, Baltimore, MD.
- 1998 *Choice Responding in Preference and Reinforcer Assessments for Individuals with Developmental Disabilities*. Invited paper presented to the Department of Psychology, Illinois State University, Normal, IL.
- 1997 *Stimulus Preferences of Individuals with Developmental Disabilities: Differential Outcomes Based on Array Composition, Measurement Method, and Schedule Requirements*. Invited paper presented to the Department of Behavioral Psychology, Kennedy Krieger Institute, Baltimore, MD.

AWARDS

- 2003 Award for Outstanding Contributions to Training, Kennedy Krieger Institute

- 1992 Graduate Research Grant, Western Michigan University Graduate College
- 1992 National Hispanic Scholarship, National Hispanic Scholarship Fund
- 1991 National Hispanic Scholarship, National Hispanic Scholarship Fund
- 1990 Thurgood Marshall Scholarship, Western Michigan University
- 1988 Academic Achievement Award, University of Florida Minority Affairs Office
- 1987 Academic Achievement Award, University of Florida Minority Affairs Office
- 1987 Award for Academic Excellence, Psychology Department, University of Florida

OTHER ACTIVITIES

PANELIST & SYMPOSIUM DISCUSSANT AT PROFESSIONAL MEETINGS

- 2016 Invited panelist for J. Carr (Chair), *An Update on the Behavior Analyst Certification Board*. Panel discussion at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL
- 2016 Discussant for J. Moore (Chair), *Current Issues and Directions Regarding Stimulus Preference Assessments: Implications for Research and Practice*. Symposium presented at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL
- 2015 Discussant for C. Dickson (Chair), *Developments in the Assessment and Treatment of Challenging Behavior in Individuals with Autism Spectrum Disorders*. Symposium presented at the annual meeting of the Berkshire Association for Behavior Analysis & Therapy, Amherst, MA
- 2015 Discussant for S. Bloom (Chair), *Translational Research on Reinforcement and Related Phenomena*, Symposium presented at the annual meeting of the Florida Association for Behavior Analysis, Daytona Beach, FL
- 2015 Discussant for C. Podlesnik (Chair), *Translational Research on Persistence and Relapse*. Symposium presented at the annual meeting of the Association for Behavior Analysis International, San Antonio, TX
- 2014 Invited Panelist for E. Smith (Chair), *Introduction to Preference Assessments*. Panel discussion at the Annual Meeting of the Association for Behavior Analysis International, Chicago, IL
- 2014 Discussant for C. Podlesnik (Chair) *Translational Research in Behavioral Momentum Theory*. Symposium presented at the annual meeting of the Association for Behavior Analysis Internation, Chicago, IL.
- 2014 Discussant for S. Bloom (Chair) *Advances in Problem Behavior Assessment and Treatment*. Symposium presented at the annual meeting of the Florida Association for Behavior Analysis, Bonita Springs, FL
- 2014 Discussant for A. Betz (Chair) *Translational Research in the Area of Autism*. Symposium presented at the annual meeting of the Florida Association for Behavior Analysis, Bonita Springs, FL
- 2013 Invited Panelist for "Autism Awareness Day," Goucher College, Towson, MD, May, 2013
- 2013 Invited Panelist for *Perspectives on the Future of Behavior Analysis*. Panel discussion at the 2013 Meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA
- 2012 Discussant for *Relapse and Behavioral Momentum*. Duncan Pritchard (Chair). Symposium presented at the Annual Meeting of the Association for Behavior Analysis International, Seattle, WA.
- 2012 Invited Panelist for *Challenges to conducting translational behavioral research*. Annual Meeting of the Association for Behavior Analysis International, Seattle, WA

- 2011 Discussant for *Displacement of Leisure Items by Edible Items in Preference Assessments*. N. Parks (chair). Symposium presented at the 37th Annual Meeting of the Association for Behavior Analysis, Denver, CO
- 2011 Discussant for *Response-Reinforcer Relations during Behavioral Acquisition and Suppression*. B.A. Iwata (chair). Symposium presented at the Annual Meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA
- 2003 Discussant for *Recent Research on Assessing Preferences and Reinforcers in Individuals with Special Needs*. R. B. Graff (Chair). Symposium presented at the 29th Annual Meeting of the Association for Behavior Analysis, San Francisco, CA
- 2001 Discussant for *Recent Research on Choice and Preference*. R. B. Graff (Chair). Symposium presented at the 27th Annual Meeting of the Association for Behavior Analysis, New Orleans, LA
- 1999 Discussant for *Stimulus Preference Assessments: Issues and Applications*. R. B. Graff (Chair) Symposium presented at the 25th Annual Meeting of the Association for Behavior Analysis, Chicago, IL, May 1999

SESSION & SYMPOSIUM CHAIR AT PROFESSIONAL MEETINGS

- 2015 Chair, *Mining Published and Clinical Data to Guide Practice: Functional Analysis, Treatment Preferences, and Research Productivity*. Symposium presented at the Annual Meeting of the Florida Association for Behavior Analysis International, Daytona Beach, FL
- 2014 Chair, Repetitive Behavior in Neurodevelopmental Disorders: Clinical and Translational Findings, Invited presentation delivered by Mark H. Lewis, Ph.D. Annual meeting of the Association for Behavior Analysis International, Chicago, IL
- 2013 Chair, Context, Operant Behavior, and Extinction. Invited presentation delivered by Mark E. Bouton, Ph.D. Annual meeting of the Association for Behavior Analysis International, Minneapolis, MN
- 2013 Chair, Frontiers of Translational Behavioral Science. Symposium presented at the Annual Meeting of the Association for Behavior Analysis International, Minneapolis, MN
- 2011 Chair, Examining the Influence of Reinforcement and Response Parameters on Academic Performance and Problem Behavior in Children with Intellectual Disabilities. Symposium presented at the 37th Annual Meeting of the Association for Behavior Analysis, Denver, CO
- 2011 Chair, Reinforcement Arrangements for Persons with Intellectual Disabilities: Examining Continuity, Overjustification, and Effects on Response Force. Symposium presented at the Annual Meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA
- 2008 Chair, An Examination of Variables that Influence Participant Preferences among Varying Reinforcement Arrangements. Symposium presented at the 34th Annual Meeting of the Association for Behavior Analysis, Chicago, IL
- 2008 Chair, Translational Research on Economic, Choice and Cost Variables Across Multiple Applied Contexts. Symposium presented at the 34th Annual Meeting of the Association for Behavior Analysis, Chicago, IL
- 2007 Chair, Exploring Behavioral Economic Variables in Individuals with Developmental Disabilities. Symposium presented at the 33rd Annual Meeting of the Association for Behavior Analysis, San Diego, CA
- 2006 Chair, Behavioral Economic Applications in Developmental Disabilities. Symposium presented at the 32nd Annual Meeting of the Association for Behavior Analysis, Atlanta, GA
- 2006 Chair, Token Reinforcement Systems: Investigations on the Value of Tokens and the

- Selection of Back-Up Reinforcers. Symposium presented at the 32nd Annual Meeting of the Association for Behavior Analysis, Atlanta, GA
- 2005 Chair, Alternative Communication Systems for Individual with Developmental Disabilities: Comparisons of Acquisition, Generalization, and Response Strength. Symposium presented at the 31st Annual Meeting of the Association for Behavior Analysis, Chicago, IL
- 2004 Chair, Manipulating Response and Reinforcement Parameters in the Treatment of Problem Behavior. Symposium presented at the 30th Annual Meeting of the Association for Behavior Analysis, Boston, MA
- 2004 Chair, Examining Variables that Influence Choice and Relative Reinforcer Value in Applied Settings. Symposium presented at the 30th Annual Meeting of the Association for Behavior Analysis, Boston, MA
- 2003 Chair, Examining the Variables that Influence the Efficacy of Reinforcers via Stimulus Preference Assessments. Symposium presented at the 29th Annual Meeting of the Association for Behavior Analysis, San Francisco, CA
- 2002 Chair, Recent Research on Punishment to Decrease Problem Behavior: Stimulus Control, Stimulus Variation, and Treatment Preferences. Symposium presented at the 28th Annual Meeting of the Association for Behavior Analysis, Toronto, Canada
- 2000 Chair, Refinements in the Assessment of Stimulus Preferences. Symposium presented at the 26th Annual Meeting of the Association for Behavior Analysis, Washington, DC
- 1999 Chair, Functional Analysis and Treatment of Behavior Disorders: Practical and Conceptual Extensions. Symposium presented at the 25th Annual Meeting of the Association for Behavior Analysis, Atlanta, GA

PAPERS AND POSTERS PRESENTED (LAST 3 YEARS OF 184 TOTAL)

2016

- Clark, D., Castillo, M., Schaller, E., Donaldson, and DeLeon, I. (April, 2016). Descriptive analysis of problem behavior occasioned by shifts in reinforcer density. In J. Bourret (Chair), *Translational Research with Implications for Application*. Symposium presented at the Annual Meeting of the Association for Professional Behavior Analysts, Washington, DC.
- Edelstein, M., Kurtz, P., Yu, H.F., Miller, J., Bullock, C.E., DeLeon, I.G. & Cataldo, M.F. (April, 2016). Accuracy of parental reports on child behavior compared to trained observer reports. In M. Cataldo (Chair), *Clinical Success Using efficient Data Systems*. Symposium presented at the Annual Meeting of the Association for Professional Behavior Analysts, Washington, DC.
- Martner, S., Cox, D.J., & DeLeon, I.G. (May 2016). *Certificants Reports of Contact with Literature and Continuing Education*. Poster presented at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL
- Martinez, C.K. & DeLeon, I.G. (May, 2016). Increasing cooperation with medical and dental procedures in the natural environment for children with autism. In L. Schnell (chair), *Broad Applications of Programming for and Assessing Generalization for Individuals with Developmentla Disabilties*. Symposium presented at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL
- Martinez, C.K., DeLeon, I.G., Goldman, K.J., Fernandez, N., & Schieber, E. (May, 2016). *On the Relation Between Treatment Efficacy and Patient Preference for Behavioral Interventions*. Poster presented at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL
- Miller, J.R., Yu, F., Bullock, C.E., DeLeon, I.G., Cataldo, M.F., & Kurtz, P.F. (May, 2016). *Enhanced Caregiver Discrimination of Problem Behavior Following Caregiver-Implemented*

Functional Analysis. Poster presented at the annual meeting of the Association for Behavior Analysis: International, Chicago, IL

Yu, H. F., DeLeon, I.G., Lindauer, S.E., Bullock, C.E., & Richman, G. (April, 2016). Obtaining frequent parental report on child behavior status. In M. Cataldo (Chair), *Clinical Success Using efficient Data Systems*. Symposium presented at the Annual Meeting of the Association for Professional Behavior Analysts, Washington, DC.

2015

Clark, D., Castillo, M., Schaller, E., Donaldson, DeLeon, I. & Kahng, S. (October, 2015).

Descriptive analysis of problem behavior occasioned by shifts in reinforcer density in children with intellectual disabilities. In J. Bourret (Chair), *Translational Research on Reinforcement*. Symposium presented at the annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Garcia, J., DeLeon, I.G., Frank-Crawford, M.A., Castillo, M.I., & Clark, D. (May, 2015). *Token Reinforcement and Treatment Durability in the Treatment of Escape-Maintained Problem Behavior*. Poster presented at the Annual Meeting of the Association for Behavior Analysis International, San Antonio, TX.

Martinez, C., Goldman, K., & DeLeon, I.G. (October, 2015). On the Relation Between Treatment Efficacy and Patient Preference for Behavioral Interventions. In I. DeLeon (Chair), *Mining Published and Clinical Data to Guide Practice: Functional Analysis, Treatment Preferences, and Research Productivity*. Symposium presented at the Annual Meeting of the Florida Association for Behavior Analysis, Daytona Beach, FL

Sheehan, T., Mace, F.C., & DeLeon, I.G. (October, 2015). Behavior Momentum Theory and Behavior Economics: Frameworks for Analysis of Behavioral Persistence and Choice. In T. Sheehan (Chair), *Examining Basic Behavioral Processes and Clinical Applications of Behavior Momentum Theory and Behavioral Economics*. Symposium presented at the Annual Meeting of the Florida Association for Behavior Analysis, Daytona Beach, FL

Trauschke, S., Krantz, J., Sheehan, T.M., Tarver, D., DeLeon, I.G., & Mace, F.C. (May, 2015). Are open or closed behavioral economics models better predictors of favorable responses to treatment of automatically reinforced problem behavior? In K. Lit (Chair), *Translational Research: Behavioral Economics and Conditioned Suppression*. Symposium presented at the Annual Meeting of the Association for Behavior Analysis International, San Antonio, TX.

Trauschke, S., Krantz, J., Tarver, D., Sheehan, T.M., Mace, F.C., & DeLeon, I.G. (October, 2015). Demand Elasticity of Functionally Similar and Functionally Dissimilar Reinforcers in the Treatment of Automatically Reinforced Behavior. In T. Sheehan (Chair), *Examining Basic Behavioral Processes and Clinical Applications of Behavior Momentum Theory and Behavioral Economics*. Symposium presented at the Annual Meeting of the Florida Association for Behavior Analysis, Daytona Beach, FL

2014

Castillo-Irazabal, M.I., Frank-Crawford, M.A., & DeLeon, I.G. (May, 2014). Should You Repeat a Paired-Stimulus Preference Assessment? Poster presented at the Annual Meeting of the Association for Behavior Analysis International, Chicago, IL.

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