

**Catalina Rey, Ph.D., BCBA-D**

1195 North Avenue Apt 208  
Burlington, VT 05408  
(305) 720-1011  
catalinanrey@gmail.com

**EDUCATION & TRAINING**

---

**Postdoctoral Research Fellow**

Vermont Center on Behavior and Health and University of Vermont, Burlington, VT  
Department of Psychiatry  
Advisor: Sarah H. Heil, Ph.D.  
August 2017-present

**Postdoctoral Clinical and Research Fellow**

Kennedy Krieger Institute and Johns Hopkins School of Medicine, Baltimore, MD  
Neurobehavioral Inpatient Unit  
Advisor: Jennifer Zarcone, Ph.D., BCBA-D  
September 2016-August 2017

**Ph.D. in Behavior Analysis**

School of Behavior Analysis  
Florida Institute of Technology, Melbourne, Florida  
Major Advisor: Alison M. Betz, Ph.D., BCBA-D  
Dissertation Title: Differential Reinforcement of Other Behavior: An  
Experimental Analysis of Adventitious Reinforcement  
July, 2016

**M.S. in Organizational Behavior Management**

School of Psychology  
Florida Institute of Technology, Melbourne, Florida  
Major Advisor: David A. Wilder, Ph.D., BCBA-D  
May, 2010

**B.A. in Humanities**

College of Arts and Sciences  
Florida State University, Tallahassee, Florida  
Major Advisor: Jon S. Bailey, Ph.D., BCBA-D  
April 2008

## **CERTIFICATION**

---

**Board Certified Behavior Analyst - Doctoral**  
Certification Number 1-10-7592

## **TEACHING EXPERIENCE**

---

### **Undergraduate Courses**

Rollins College, Orlando, Florida  
Adjunct Faculty  
Learning and Behavior Change  
Fall 2014, Spring 2015, Fall 2015, Summer 2016

Florida Institute of Technology, Melbourne, Florida  
Adjunct Faculty  
Introduction to Psychology  
Fall 2015

### **Graduate Courses**

Universita Degli Studi Di Salerno, Salerno, Italy  
Invited Professor  
Concepts and Principles of Behavior Analysis  
Summer 2014

Florida Institute of Technology, Melbourne, Florida  
Co-Instructor (Distance Learning)  
Concepts, Principles & Foundations of Behavior Analysis  
Spring 2012-pres.

### **Workshops**

A Proposed Extension to the Functional Approach: A comprehensive Model for Analyzing Contingencies, Instructor (with Martinez-Diaz, J., Zuluaga, C., Freeman, T., & Pritchard, J.). Workshop for the Florida Association for Behavior Analysis, Jacksonville, Florida  
September 2012

It Is Not Just About Attention (or Escape, Social Mediation or Automatic Reinforcement): Clinical Implications of An extended Comprehensive Model of Contingencies, Instructor (with Martinez-Diaz, J., Zuluaga, C., Freeman, T., & Pritchard, J.). Workshop for the Florida Association for Behavior Analysis, Jacksonville, Florida  
September 2012

## PEER-REVIEWED PUBLICATIONS

---

- Liddon, C., Kelley, M. E., **Rey, C.**, Abel, A., & Ribeiro, A. (in press).  
A translational analysis of ABA and ABC renewal of operant behavior. *Journal of Applied Behavior Analysis*.
- Kelley, M. E., Nadler, C. B., **Rey, C.**, Cowie, S., & Podlesnik, C. (2017).  
Noncontingent reinforcement competes with response performance. *Journal of the Experimental Analysis of Behavior*, 107, 343-353.
- Wilder, D. A, Lipschultz, J. L., Kelley III, D. P., **Rey, C.**, & Enderli, A.  
(2015). An alternative measure of research productivity among behavior analytic graduate training programs: A response to Dixon et al. (2015). *Behavior Analysis in Practice*, 8(2), 156-158.
- Kelley III, D. P., Wilder, D. A., Carr, J. E., **Rey, C.**, Green, N., & Lipschultz, J. (2015). Research productivity among practitioners in Behavior Analysis: Recommendations from the prolific. *Behavior Analysis in Practice*, 8(2), 201-206.
- Dominguez, A., Wilder, D., Cheung, K., **Rey, C.** (2014). The use of a verbal reprimand to decrease rumination in a child with autism. *Behavioral Interventions*, 29(4), 339-345.
- Casella, S., Wilder, D., Neidert, P., **Rey, C.**, Compton, M., & Chong, I. (2010). The effects of response effort on safe performance by therapists at an autism treatment facility. *Journal of Applied Behavior Analysis*, 43, 729-734.
- Petscher, E., **Rey, C.**, & Bailey, J. (2009). A review of empirical support for differential reinforcement of alternative behavior. *Research in Developmental Disabilities*, 30, 409-425.

## MANUSCRIPTS UNDER REVIEW

---

- Rey, C.**, Betz, M. A., Sleiman, A. A., Kuroda, T., & Podlesnik, C. (under review).  
Differential reinforcement of other behavior: An experimental evaluation of adventitious reinforcement. *Journal of the Experimental Analysis of Behavior*.

## MANUSCRIPTS IN PREPARATION

---

- Rey, C.**, Melbostad, H. S., Sigmon, S. C., MacAfee, L. K., Dougherty, A. K., & Heil, S. H. (in prep). Knowledge and barriers to long-acting reversible contraceptives among opioid-maintained women.

Melbostad, H. S., **Rey, C.**, Sigmon, S. C., MacAfee, L. K., Dougherty, A. K., & Heil, S. H. (in prep). Contraceptive knowledge among men and women receiving medication-assisted treatment for opioid use disorder.

**Rey, C.**, Betz, M. A., Liddon, C., & Javed, N. (in prep). DRO: A review of the applied literature.

**Rey, C.**, Betz, A. M., Greif, A., & LaBello, T. (in prep). Fixed-ratio versus variable-ratio token exchange comparison.

**Rey, C.**, Pritchard, J. K., Wine, B., & Martinez-Diaz, J. (in prep). SΔp: The Missing Discriminative Stimulus.

Sleiman, A. A., Betz, A. B., **Rey, C. N.**, & Blackman, A. L. (in prep). Effects of token manipulation on responding within a token economy implemented with children with autism.

Nicholson, K., Betz, A. M., Uran, K., **Rey, C.**, & Cole, L. (in prep). An analysis of the efficiency of task interspersal among children with autism.

## **AWARDS & HONORS**

---

- 2014            **B. F. Skinner Foundation Research Grant Award** (\$500), awarded by B. F. Skinner Foundation
- 2014-15        **Graduate Student Assistant**, research assistant under Dr. Alison M. Betz, awarded by The Scott Center for Autism Treatment at Florida Institute of Technology
- 2013-14        **Graduate Student Assistant**, research assistant under Dr. Alison M. Betz, awarded by The Scott Center for Autism Treatment at Florida Institute of Technology
- 2010            **Best Overall Poster**, presented at Florida Association for Behavior Analysis
- 2008-09        **University Graduate Scholar**, research assistant under Dr. David A. Wilder, awarded by School of Psychology at Florida Institute of Technology
- 2008            **Certificate in Performance Management**, awarded by Florida State University

## **PROFESSIONAL PRESENTATIONS**

---

- Rey, C. N.**, Melbostad, H. S., Sigmon, S. C., MacAfee, L. K., Dougherty, A. K., & Heil, S. H. (2018, June). Barriers to Long-Acting Reversible Contraceptives Among Opioid-Maintained Women. Poster presented at the 80<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence, San Diego, CA.
- Melbostad, H. S., **Rey, C. N.**, Sigmon, S. C., MacAfee, L. K., Dougherty, A. K., & Heil, S. H. (2018, June). Contraceptive Knowledge of Men and Women Receiving Opioid Agonist Treatment. Poster presented at the 80<sup>th</sup> Annual Meeting of the College on Problems of Drug Dependence, San Diego, CA.
- Rey, C. N.**, Heil, S. H., Matusiewicz, A. K., Melbostad, H. S., Sigmon, S. C., Badger, G. J., MacAfee, L. K., & Higgins, S. T. (2018, May). Increasing effective contraceptive use among opioid-maintained women at risk for unintended pregnancy. Presented in a symposium at the 44<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, San Diego, CA.
- Javed, N., Nevill, R., **Rey, C.**, Rooker, G., & Zarcone, J. R. (2018, May). Preliminary reliability analysis of the social impact of repetitive behavior scale. Poster presentation at the 44<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, San Diego, CA.
- Melbostad, H., Hack, M., MacAfee, L., **Rey, C.**, Sigmon, S., Dougherty, A. & Heil, S. (2018, April). Contraceptive knowledge of patients receiving medication for opioid use disorder. Poster presented at the American Society for Addiction Medicine annual conference.
- Heil, S. H., Matusiewicz, A.K., Melbostad, H. S., Sigmon, S. C., Badger, G. J., MacAfee, L. K., **Rey, C.**, & Higgins, S. T. (2018, March). Increasing effective contraceptive use among opioid-maintained women at risk for unintended pregnancy. Presented in a symposium at the 2<sup>nd</sup> Annual Convention of Women in Behavior Analysis, Nashville, TN.
- Rey, C.**, Betz, A. M., Sleiman, A., Kuroda, T., & Podlesnik, C. A. (2018, February). Differential reinforcement of other behavior: An experimental analysis of adventitious reinforcement. Poster presented at the 12<sup>th</sup> Annual Autism Conference of the Association for Behavior Analysis International, Miami, FL.
- Zarcone, J., **Rey, C.**, Javed, N., Nevill, R., Newcomb, E., & Rooker, G. (2017, November). Preliminary reliability analysis of the Social Impact of Repetitive Behavior Scale. Poster accepted at the 4<sup>th</sup> Asia-Pacific Regional Congress of the International Association for the Scientific Study of Intellectual and Developmental Disabilities, Bangkok, TH.
- Rey, C.**, Betz, A. M., Sleiman, A., Kuroda, T., & Podlesnik, C. A. (2017, May).

Differential reinforcement of other behavior: An experimental analysis of adventitious reinforcement. Presented in a symposium at the 43<sup>rd</sup> Annual Convention of the Association for Behavior Analysis International, Denver, CO.

Carver, A., Keene, J., Concepcion, A., Talhelm, P., **Rey, C.**, & Zarcone, J. (2017, May). Assessment of avoidant behaviors in the presence of noise to identify an establishing operation for problem behavior. Poster presentation at the 43<sup>rd</sup> Annual Convention of the Association for Behavior Analysis International, Denver, CO.

Concepcion, A., Talhelm, P., **Rey, C.**, & Zarcone, J. R. (2017, May). Analysis and treatment of self-injurious behavior occurring within an academic context. Poster presentation at the 43<sup>rd</sup> Annual Convention of the Association for Behavior Analysis International, Denver, CO.

**Rey, C.**, Pritchard, J., Wine, B., & Martinez-Diaz, J. (2016, September). Sdeltap: The missing discriminative stimulus. Presented in a paper session at the 36<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Ft. Lauderdale, FL.

Liddon, C., Kelley, M. E., **Rey, C.**, Abel, A., & Ribeiro, A. (2016, September). Translational analysis of ABA and ABC renewal of operant behavior. Presented in a symposium at the 36<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Ft. Lauderdale, FL.

Blackman, A., Sleiman, A., Betz, A. M., **Rey, C.**, Albustami, Z., & Ertel, H. (2016, September). Effects of token manipulation on response rates and preference within a token economy. Presented in a symposium at the 36<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Ft. Lauderdale, FL.

Moore, C., Betz, A. M., Castellon, S., Sleiman, A., **Rey, C.**, & Hodges, A. (2016, September). Evaluating the effectiveness of discrimination training and pairing procedures to establish stimulus control. Presented in a symposium at the 36<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Ft. Lauderdale, FL.

**Rey, C.**, Pritchard, J. K., Wine, W. J., & Martinez-Diaz, J. A. (2016, May). Sdeltap: The missing discriminative stimulus. Presented in a paper session at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

**Rey, C.** (2016, May). Evaluation of pairing procedures to increase social responses among children with autism. Chair of symposium at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

Sleiman, A., Betz, A. M., & **Rey, C.** (2016, May). Evaluating the effects of

manipulation of tokens on response rates and preference for a token economy with children with autism. Presented in a symposium at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

Liddon, C., Kelley, M. E., **Rey, C.**, Abel, A., & Ribeiro, A. (2016, May). A within-subjects analysis of ABA and ABC renewal of operant behavior. Presented in a symposium at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

LaMonica, T., Betz, A. M., Radomski, A., Moore, C., & **Rey, C.** (2016, May). The effects of and preference for different token arrangements when treating disruptive behavior in children with autism. Presented in a symposium at the 42<sup>nd</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.

**Rey, C.**, & Betz, A. M. (2016, April). DRO: A review of the literature. Presented in a symposium at the 6<sup>th</sup> Annual Convention of the Association of Professional Behavior Analysts, Washington, DC.

**Rey, C.**, & Betz, A. M. (2015, October). A review of the recent literature on DRO schedules. Presented in a symposium at the 35<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Daytona, FL.

LaMonica, T., Betz, A. M., Radomski, A., Moore, C., & **Rey, C.** (2015, October). Effects of and preference for token arrangements on disruptive behavior within a DRO. Presented in a symposium at the 35<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Daytona, FL.

Kelley, D., Wilder, D. A., Carr, J. E., **Rey, C.**, Green, N., & Lipschultz, J. (2015, October). Research productivity among practitioners in behavior analysis: Recommendations from the prolific. Presented in a symposium at the 35<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Daytona, FL.

**Rey, C.**, & Betz, A. M. (2015, May). DRO: A review of the literature. Presented in a symposium at the 41<sup>st</sup> Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.

**Rey, C.** (2015, May). Dissemination: Taking a different approach. Presented in an Ignite symposium at the 41<sup>st</sup> Annual Convention of the Association for Behavior Analysis International, San Antonio, TX.

**Rey, C.**, Betz, A. M., Greif, A., & LaBello, T. (2014, September). Evaluating the Effects of Various Exchange Schedules of a Token Economy Used with Children with Autism. Presented in a symposium at the 34<sup>th</sup> Annual Meeting of the Florida Association for Behavior Analysis, Bonita Springs, FL.

- Nicholson, K., Betz, A. M., & **Rey, C.** (2014, May). A Parametric Analysis of the Optimal Number of Targets Taught Concurrently. Presented in a symposium at the 40<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, Chicago, IL.
- Rey, C.**, Betz, A. M., Greif, A., & LaBello, T. (2014, March). An Evaluation of Fixed-Ratio versus Variable-Ratio Token Exchange Schedules on Performance. Presented in a paper session at the 4<sup>th</sup> Annual Association of Professional Behavior Analysts Convention, New Orleans, LA.
- Rey, C.**, Pritchard, J., & Martinez-Diaz, J. (2013, May). Moving Interteaching Online: A Demonstration. Presented in a symposium at the 39<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, Minneapolis, MN.
- Nicholson, K., Betz, A., Uran, K., **Rey, C.** & Cole, L. (2013, May). An Analysis of the Efficiency of Task Interspersal among Children with Autism. Presented in a symposium at the 39<sup>th</sup> Annual Convention of the Association for Behavior Analysis International, Minneapolis, MN.
- Nicholson, K., Betz, A. M., Uran, K. & **Rey, C.** (2013, April). An Analysis of the Efficiency of Task Interspersal Among Children with Autism. Presented at The School of Psychology Research Colloquium at Florida Institute of Technology, Melbourne, FL.
- Rey, C.**, Kelley, M. E., Thomas, K., & Nadler, C. (2013, March). The effects of response-independent reinforcement on acquisition and maintenance of functional communication. Symposium presented at 3<sup>rd</sup> Annual Association of Professional Behavior Analysts Convention, Las Vegas, Nevada.
- Rey, C.** & Pritchard, J. (2012, May). DRO: Punishment in Disguise. Paper presented at the 38<sup>th</sup> Annual Association for Behavior Analysis International Conference, Seattle, WA.
- Rey, C.** & Pritchard, J. (2011, November). When differential reinforcement is really a punisher. Paper presented at the Association for Behavior Analysis International 6<sup>th</sup> International Conference, Granada, Spain.
- Rey, C.** & Pritchard, J. (2011, September). DRO: Reinforcement or punishment? Paper presented at the 31<sup>st</sup> Annual Florida Association for Behavior Analysis Conference, Daytona, FL.
- McNamara, C., Pollick, M., **Rey, C.**, & Toro, H. (2011, September). Media and technology: Basic ethics for behavior analysts. Panel presented at the 31<sup>st</sup> Annual Florida Association for Behavior Analysis Conference, Daytona, FL.



- McNamara, C., Pollick, M., **Rey, C.**, & Toro, H. (2011, June). Media and technology: Basic ethics for behavior analysts. Panel presented at Gold Coast Association for Behavior Analysis Chapter Meeting, Ft. Lauderdale, Florida.
- Nicholson, K., **Rey, C.**, Boyle, M., Olsen, M. N., & Wilder, D. A. (2011, March). First and last impressions: Improving customer service behavior at a local seafood restaurant. Poster presented at the Organizational Behavior Management Network Conference, Tampa, FL.
- Nicholson, K., **Rey, C.**, Boyle, M., Olsen, M. N., & Wilder, D. A. (2010, October). First and last impressions. Poster presentation awarded “Best Overall” at the 30<sup>th</sup> Annual Florida Association for Behavior Analysis Conference, Orlando, FL.
- Rey, C.**, Kennan, E., Csenge, J., Bailey, J., & Jackson, A. (2009, May). Rolling in dough: The effects of OBM technology at a local pizzeria franchise. Symposium presentation at the 35<sup>th</sup> Annual Association for Behavior Analysis International Conference, Phoenix, AZ.
- Rey, C.**, Kennan, E., Csenge, J., Bailey, J., & Jackson, A. (2008, September). Increasing the Flow of Dough: Using incentives to make sales grow. Symposium presentation at the 28<sup>th</sup> Annual Florida Association for Behavior Analysis Conference, Bonita Springs, FL.
- Rey, C.** & Tomasi, M. D. (2008, May). A hairy situation: using self-management to decrease maladaptive behavior. Poster presentation at the 34<sup>th</sup> Annual Association for Behavior Analysis International, Chicago, IL.
- Rey, C.**, Kennan, E., C., Csenge, J., Bailey, J., & Jackson, A. (2008, April). Increasing the flow of dough: Using incentives to make sales grow. Presented at The 16<sup>th</sup> Annual Performance Management Conference, Tallahassee, FL.
- Rey, C.** & Tomasi, M. D. (2007, September). The use of two punishment contingencies to decrease frequency of hair playing. Poster presented at the Annual Convention of the Florida Association for Behavior Analysis, Jacksonville, FL.

## **SERVICE**

---

- |           |  |
|-----------|--|
| 2014-18   | Guest Reviewer for the Journal of Applied Behavior Analysis                                  |
| May 2018  | Reviewer for the Florida Association of Behavior Analysis 38 <sup>th</sup> Annual Conference |
| July 2017 | Guest Reviewer for Education and Treatment of Children                                       |

- June 2017     Reviewer for the Florida Association of Behavior Analysis 37<sup>th</sup> Annual Conference
- May 2017     Poster Discussant at 43<sup>rd</sup> Annual Convention of the Association for Behavior Analysis International , Denver, CO.
- March 2015   Subject Matter Expert  
                  Behavior Analyst Certification Board

**OTHER RELEVANT INFORMATION**

---

Languages:  
                  Bilingual- fluent in English and Spanish