

KAREN M. LIONELLO-DENOLF

Work:

Assumption University

500 Salisbury St.

Worcester, MA 01609

k.lionellodenolf@assumption.edu; 508-767-7498

EDUCATION

PURDUE UNIVERSITY, West Lafayette, Indiana

Ph.D., Experimental Psychology

2001

Concentration in Learning and Memory

Dissertation: "Stimulus Control Topographies and Tests of Symmetry in Pigeons"

Advisor: Dr. Peter J. Urcuioli

M.S., Experimental Psychology

1997

Thesis: "Pigeons' Performance on Matching-to-Sample with Moving Samples"

ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Illinois

B.A., Psychology

1995

Undergraduate Honors Thesis: "The Effects of Circadian Entrainment on Operant Conditioning"

PROFESSIONAL EXPERIENCE

Associate Professor, Psychology

2021–present

Director of Applied Behavior Analysis Programs

Assumption University

Assistant Professor, Psychology

2018–2021

Director of Applied Behavior Analysis Programs

Coordinator of ABAI Verified Course Sequences

Assumption College

Visiting Assistant Professor, Psychology

2015–2018

Director of Applied Behavior Analysis Programs

Coordinator of BACB Verified Course Sequences

Assumption College

Adjunct Assistant Professor

2014–2019

University of Massachusetts Medical School

Assistant Professor, Communication Sciences and Disorders

2014–2015

Coordinator of ASD Programs

Elms College

Assistant Professor (research), Psychiatry

2003–2014

University of Massachusetts Medical School, Shriver Center

Lecturer, Psychology 2014
Elms College

Adjunct Faculty, Psychology 2012–2014
University of Massachusetts, Lowell

Research Associate 2001–2003
Director, Automated Teaching Laboratory
University of Massachusetts Medical School, Shriver Center

PROFESSIONAL CERTIFICATIONS AND LICENSES

Board Certified Behavior Analyst – Doctoral (1-13-14125) 2013–present
I have met the BACB's requirements to provide supervision.

Licensed Applied Behavior Analyst (Massachusetts #385) 2015–present

TEACHING EXPERIENCE

ASSUMPTION UNIVERSITY, Worcester, Massachusetts 2015–present

Instructor

Undergraduate

ABA 360: The Professional Compliance Code

ABA 450: Applied Behavior Analysis: Implications for Practice

HON 444/PSY 444: Honors Thesis

HRS 331: Basic Concepts & Principles in Applied Behavior Analysis

PSY 101: General Psychology

PSY 253/353: Psychology of Learning (face-to-face and online)

PSY 283/383: Introduction to Autism Spectrum Disorder (face-to-face and online)

PSY 399: Independent Study

Graduate

ABA 500: Principles of Learning and Behavior Analysis

ABA 501: Measurement and Research Design in Behavior Analysis

ABA 601: Behavior-analytic Interventions I

ABA 605: The Experimental Analysis of Behavior

ABA 800: Pre-thesis Seminar in Applied Behavior Analysis

ABA 801: MA Thesis in ABA 1

ABA 802: MA Thesis in ABA 2

ABA 803: MA Thesis in ABA 3

ABA 804: Integrative Seminar in Applied Behavior Analysis

Guest Lectures

SCP 515: Counseling Theories, Principles, and Practices (Spring 2017)

“Topics in self-management”

ELMS COLLEGE, Chicopee, Massachusetts

2014–2015

Instructor

Undergraduate

PSY 210.77: Experimental Psychology

Graduate

ASD 676/776, 679/779, 682/782, 683/783: Practicum

ASD 610/710: Research and Experimental Design

ASD 603/703: Assessment and Intervention in ASD I

UNIVERSITY OF MASSACHUSETTS, LOWELL, Lowell, Massachusetts

2012–2014

Instructor

Theories of Learning

PURDUE UNIVERSITY, West Lafayette, Indiana

Instructor

1998–2001

Introduction to Learning

Introduction to Research Methods in Psychology

Teaching Assistant

1995–2001

Introduction to Learning

Motivation

Introduction to Research Methods in Psychology

ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Illinois

1993–1995

Teaching Assistant

Learning and Conditioning

STUDENT MENTORING

Academic Directed Studies

Katelyn Andry (PSY 353, psychology of learning)

Summer 2016

Brianna Allard (PSY 399, applied behavior analysis; functional analysis)

Fall 2016

Jessica Popken (ABA 450, applied behavior analysis: implications for practice)

Spring 2019

Orsolina O'Neil (HON 444, honors thesis)

Fall 2019

Brianna LaBarge (ABA 360, the Professional Compliance Code)

Spring 2021

Shaeleigh Boynton (ABA 360, The Professional Compliance Code)

Independent Fieldwork Supervision

Angela Daly

2014

Roxy Malloy

2014

Lynn Pollard

2014–2015

Teresita Guerra

2014–2015

Tracy Swenson

2015–2016

Research Mentoring

Tim Howland (MA thesis proposal and defense committee member, Sacramento State University)

Spring–Summer 2017

Simone Palmer (dissertation committee member, Simmons College)

Spring 2017–2020

Anthea Oikonomou, MA in ABA student (cooperation project; independent

Summer 2017–Fall 2018

research)	
Catherine Kalenoski, undergraduate student (Psychology Department undergraduate research program mentor; cooperation project)	Summer 2017
Alana Kearny, MA in CCP student (cooperation project)	Fall 2017–Spring 2018
Holly Olson, undergraduate student in psychology (cooperation project)	Fall 2017–Spring 2018
Adrianna Savage, undergraduate honors student summer research fellowship	Summer 2018
Joseph Malmborg, undergraduate student undergraduate Psychology department summer research program	Summer 2018
Adriana Savage (PSY 399, independent study; cooperation project; staff training project)	Fall 2018
Lisa Mazzola, CCP Research Fellowship	Fall 2018–Spring 2019
Karina Zhelezoglo (MA thesis proposal and thesis defense, Sacramento State University)	2019
Justice Mensah (Second Opponent on dissertation defense, Oslo Metropolitan University)	2019
Taylor O'Rourke, CCP Research Fellowship	2019–2020
Carol D'Agostino, undergraduate honors student summer research fellowship	Summer 2020
Robbie Hanson (dissertation committee member, Endicott College)	2020–2021
Christina DeMalia, CCP Research Fellowship	2020–2021
Patrick Davidson, undergraduate student (Psychology Department undergraduate research program mentor; staff training project)	Summer 2021–Spring 2022
William Roche, CCP Research Fellowship	2021–2022
Somchart Sakulkoo (dissertation committee member, Chicago School of Professional Psychology)	2021–2022
Julianne Sutherland, undergraduate student Summer Scholars Research Fellowship	Summer 2022–Fall 2022
NikkiAnn Ryan, CCP Research Fellowship	2022–2023
Samuel Borge, undergraduate honors thesis	Spring 2023–Fall 2023
Samuel Borge, Center for Neuroscience summer research fellowship	Summer 2023
Chase Cooke, CCP Research Fellowship	2023–2024
Patrick Malone, MA in ABA Thesis Chair	2023–2024

RESEARCH SUPPORT

Completed

Co-Investigator, R01 MH090272-01, NIMH 2011–2014
 “Optimizing Initial Communication for Children with Autism”

The primary focus of this research is development of foundations for effective communication in children with little or no functional language due to autism or other neurodevelopmental disorders. The specific emphasis is on methods to support learning of effective looking and listening skills in such children. We hope that our research will lead to methods that will make outcomes of communication therapy more robust and reliable, and to reach children who currently make little or no progress in communication therapy.

Principal Investigator, R21 DC011498-02, NIDCD 2011–2013

“Contingency Manipulation in Discrete Trial Interventions for Children with Autism”

The goal of this research is to contribute directly to the improvement of teaching methods for individuals with autism and other moderate to severe intellectual disabilities. Specific areas of application include improvements in functional communication capabilities and fundamental linguistic skills for children with moderate to severe disabilities.

Principal Investigator, R21 HD064962-01, NICHD 2010–2012
“Relational Stimulus Control Management in Neurodevelopmental Disabilities”

The goal of this project is to investigate variables that may encourage development of symbolic functioning in individuals with intellectual disabilities. The specific objectives are to determine whether teaching children (a) to attend to and *select* defining features of positive stimuli and (b) to attend to and *reject* defining features of negative stimuli in relational discrimination tasks will result in increasingly rapid discrimination reversal learning across successive reversals (*reversal learning set*) and in functional equivalence classes.

Project 1 Principal Investigator, HD 046666, NICHD 2008–2010
“Process Analysis of Behavioral Allocation and Persistence in Severe Mental Retardation” (Program Project PI, William Dube).

The major goals of this program grant were to study behavioral processes involved in behavioral allocation and choice-making in individuals with intellectual disabilities, and to translate basic laboratory research findings into effective, individualized motivational support systems for such individuals.

Principal Investigator, MH 067801-01, NIMH 2003–2006
“Developing a Rat Model of Transitive Behavior”

The long-range goal of this project was to determine rats' ability to categorize stimuli on the basis of stimulus equivalence. The specific objective was to test whether rats can develop one of these relations, transitivity, and to suggest potential applications for studying categorical function in rodent models of mental retardation and developmental disabilities.

Co-Investigator, HD 39816, NICHD 2001–2006
“Symbolic Potential in Presymbolic Populations”

The major goals of this project were to determine whether (a) true symbolic relations can be demonstrated in individuals who are not considered to function symbolically, and (b) symbolic potential depends on the development of some degree of language.

INTRAMURAL SUPPORT

Funded

Faculty Development Grant, Assumption College, “Applied Behavior Analysis: Evidenced-based Interventions and Implications for Practice” 2016

PROGRAM DEVELOPMENT

Master’s in Applied Behavior Analysis, Assumption College 2016
45 credit program with an optional thesis and BACB Verified Course

Sequence

Certificate of Advanced Graduate Study in Applied Behavior Analysis, Assumption College	2016
30 credit program with a BACB Verified Course Sequence	
Undergraduate Minor in Applied Behavior Analysis, Assumption College	2017
19 credit program with a BACB Verified Course Sequence	

PROFESSIONAL SERVICE

Guest Editor, Experimental Analysis of Human Behavior Bulletin	2023
Guest Editor for the Journal of Experimental Analysis of Behavior special issue: Murray Sidman: A Retrospective Appreciation of a Distinguished Scientist	2020
Experimental Analysis of Behavior Area Coordinator, Association for Behavior Analysis International	2019–2023
Associate Editor for Translational Research, Journal of the Experimental Analysis of Behavior	2017–present
Editorial Board, Journal of the Experimental Analysis of Behavior	2016–2017; 2007–2008; 2003–2006
Associate Editor, The Psychological Record	2014–2017
Advisory Board, Regis College, Master's Program in Applied Behavior Analysis	2013–2014
Science Board, Association for Behavior Analysis, International	2012–2015
Reviewer, Experimental Analysis of Human Behavior SIG Student Paper Competition	2012
Advisory Board, The Psychological Record	2011–2013
Board Member, Society for the Experimental Analysis of Behavior	2009–2017
Editorial Board, The Psychological Record	2009–2013
Associate Editor, Journal of the Experimental Analysis of Behavior	2008–2011
Ad hoc Reviewer	
American Journal on Intellectual and Developmental Disabilities	
Brazilian Journal of Psychology	
Behavioural Processes	
Education and Treatment of Children	
European Journal of Behavior Analysis	
Experimental Analysis of Human Behavior Bulletin	
Journal of Applied Behavior Analysis	
Journal of the Experimental Analysis of Behavior	
Learning & Behavior	
Memory & Cognition	

Psychonomic Bulletin and Review
Research in Autism Spectrum Disorders
Springer (book proposal reviewer)
The Analysis of Verbal Behavior
The Spanish Journal of Psychology
The Psychological Record
Wiley Blackwell (book proposal reviewer)

INSTITUTIONAL SERVICE

Director, ABA programs (graduate and undergraduate), Assumption University	2015–present
Team member, Students for Higher: Rising Up for Autism	2015–2016
Behavior Therapist Liaison (appointed by Provost)	2016
Orientation and first-year student course selection preparation	2016, 2017, 2021, 2023
Member, Graduate Studies Innovation Team	2017
Member, Merit Committee	2016–2018
Member, Faculty Development Committee	2017–2020
Psychology Department Senator, Faculty Senate	2018–2022
Member, Rehabilitation Counseling Faculty Search Committee	2018–2019
Member, Dean of Graduate and Professional Studies Search Committee	2019
Psi Chi and Psychology Club, co-advisor	2019–present
Member, Physician’s Assistant Program Faculty Search Committee	2020
Chair, ad hoc Graduate School Grievance Committee	2020
Working Group, Fall COVID-19 Contingency Planning Graduate School	2020
Big Read, Living Vocationally group	2021
Chair, Applied Behavior Analysis Faculty Search Committee	2021–2022
Community Member, Central Massachusetts Collaborative Strategic Planning Committee	2022
Member, Psychology Department Faculty Search Committee	2022–2023
Member, Management, Marketing, and Organizational Communication Department Faculty Search Committee	2022–2023
School of Graduate Studies Senator, Faculty Senate	2022–present
Member, Administrative Assistant Search Committee	2023
Member, Community Standards Board	2023–present

Member, Faculty Grievance Committee	2023–2026
Member, Institutional Review Board	2023–2025
Member, Graduate School Symposium Committee	2023–present
Member, Psychology Department Faculty Search Committee	2023–2024
Member, Management, Marketing, and Organizational Communication Department Faculty Search Committee	2023–2024

ACADEMIC HONORS

APA Dissertation Research Award	2000
C. Eugene Walker Outstanding Graduate Student Award, Purdue University	2000
Graduate Student Incentive Fellowship Award	2000
Psi Chi, Honor Society in Psychology	1993

PROFESSIONAL MEMBERSHIPS

American Psychological Association, Division 25 Behavior Analysis
Association for Behavior Analysis International
Association of Professional Behavior Analysts
The Berkshire Association for Behavior Analysis and Therapy
Massachusetts Association of Applied Behavior Analysis

PUBLICATIONS

Schieltz, K., Lionello-DeNolf, K. M., & McComas, J. J. (2024). Extinction. In Roane, H., Craig, A., Ringdahl, J., & Sanini, V. (Eds). *Translational Perspectives on Applied Behavior Analysis*. pp. 271–292. Guilford Press.

Lionello-DeNolf, K. M., Benvenuti, M., & Suarez, C. (2022). Willingness to produce disadvantageous outcomes in cooperative tasks is modulated by both evolutionary mechanisms and recent experience. *Learning & Behavior*. Advanced online publication: <https://doi.org/10.3758/s13420-021-00508-y>

Morris, C., & Lionello-DeNolf, K. M. (2022). Practical considerations for researchers at teaching-focused colleges. *Behavior Analysis in Practice*, 15, 339–346. <https://doi.org/10.1007/s40617-020-00536-6>

Suarez, C. J., Benvenuti, M. F., Couto, K. C., Siqueira, J. O., Abreu-Rodrigues, J., Lionello-DeNolf, K. M., & Sandaker, I. (2021). Reciprocity with unequal payoffs: Cooperative and uncooperative interactions affect disadvantageous inequity aversion. *Frontiers in Psychology*, 12, article 628425. <https://doi.org/10.3389/fpsyg.2021.628425>

Lionello-DeNolf, K. M. (2021). An update on the search for symmetry in nonhumans. *Journal of the Experimental Analysis of Behavior*, 115(1), 309–325.

McIlvane, W. J., Iversen, I. H., Lattal, K. A., Lionello-DeNolf, K. M., & Petursdottir, A. I. (2021). An appreciation of Murray Sidman's science and his impact. *Journal of the Experimental Analysis of Behavior*, 115(1), 4–12.

Palmer, S. K., Maguire, R. W., Lionello-DeNolf, K. M., & Braga-Kenyon, P. (2021). Expansion of Sidman's theory: The inclusion of prompt stimuli in equivalence classes. *Journal of the Experimental Analysis of Behavior*, 115(1), 255–271.

Zhelezoglo, K. N., Hanson, R. J., Miguel, C. F., & Lionello-DeNolf, K. M. (2021). The use of successive matching-to-sample with go/no-go procedure to establish cross-modal equivalence classes. *Journal of the Experimental Analysis of Behavior*, 115(1), 421–438.

Benvenuti, M., Siqueira, J. d. O., Suarez, C. J., Nascimento, C. A. V. S., Lionello-DeNolf, K. M., and Abreu-Rodrigues, J. (2020). A preliminary two-phase test of how inequity aversion is modulated by previous dyadic interactions. *Experimental Analysis of Human Behavior Bulletin*, 31(1), 13–21.

Lionello-DeNolf, K. M. (2018, Spring). Endurance of a fad autism therapy. *Assumption Magazine*, 36. https://issuu.com/assumptioncollege/docs/assumptionmagazine_spring2018

Lionello-DeNolf, K. M. (2018). Reversal Learning. In F. R. Volkmar (Ed.), *Encyclopedia of Autism Spectrum Disorders*, 2nd Edition. New York, NY: Springer. https://doi.org/10.1007/978-1-4614-6435-8_133-3

Gifford, A., Redpath, C. C., & Lionello-DeNolf, K. M. (2018). Case study: Extension of a systematic data-based reinforcement system to increase independence in public-school inclusion settings to a child with Down syndrome and intellectual disability. *Education and Treatment of Children*, 41, 345–355.

Braga-Kenyon, P., Guilhardi, P., Lionello-DeNolf, K. M., & Dube, W. V. (2017). Teaching visual conditional discriminations using errorless learning: The role of prompts requiring simple and conditional discriminative control. *European Journal of Behavior Analysis*, 2, 180–194. DOI:

Lionello-DeNolf, K. M., & McIlvane, W. J. (2016). Developing 3D-2D functional equivalence in a child with autism and severe intellectual disability: An exploratory study. *Experimental Analysis of Human Behavior Bulletin*, 30, 6–16.

McIlvane, W. J., Gerard, C. J., Kledaras, J. B., Mackay, H. A., & Lionello-DeNolf, K. M. (2016). Teaching stimulus-stimulus relations to minimally verbal individuals: Reflections on technology and future directions. *European Journal of Behavior Analysis*, 17, 49–68.

Lionello-DeNolf, K. M. (2016). Stimulus control. In H. L. Miller (Ed.), *The SAGE Encyclopedia of Theory in Psychology*. Thousand Oaks, CA: Sage Publications.

Campos, H. C., Debert, P., Lionello-DeNolf, K. M., & McIlvane, W. J. (2015). Stimulus control in a go/no-go procedure with compound stimuli with pigeons. *Behavioural Processes*, 115, 30–36.

Lionello-DeNolf, K. M., Farber, R., Jones, B. M., & Dube, W. V. (2014). Thematic matching as remedial training for symbolic matching for individuals with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 8, 455-462. PMID: PMC3947634

Lionello-DeNolf, K. M., & Braga-Kenyon, P. (2013). Membership of Defined Responses in Stimulus Classes. *The Psychological Record*, 63, 769-784. PMID: PMC3999903

Urcuioli, P. J., Jones, B. M., & Lionello-DeNolf, K. M. (2013). Evidence for response membership in stimulus classes by pigeons. *Journal of the Experimental Analysis of Behavior*, 99, 129-149. PMID: PMC23413094

Lionello-DeNolf, K. M. (2013). Rapid cue reversal. In F. R. Volkmar (Ed.), *Encyclopedia of Autism Spectrum Disorders*. (pp. 2491-2496). New York, NY: Springer.

Lionello-DeNolf, K. M. (2012). Learning of stimulus equivalence classes. In N. M. Seel (Ed.) *Encyclopedia of the Sciences of Learning*. (pp. 1955-1957). Heidelberg, Germany: Springer.

Lionello-DeNolf, K. M. & Dube, W. V. (2011). Contextual influences on resistance to disruption in children with intellectual disabilities. *Journal of the Experimental Analysis of Behavior*, 96, 317-327. PMID: PMC3212999

McIlvane, W. J., Dube, W. V., Lionello-DeNolf, K. M., Serna, R. W., Barros, R. S., & Galvão, O. F. (2011). Some current dimensions of translational behavior analysis: From laboratory research to intervention for persons with autism spectrum disorders. In E. A. Mayville & J. A. Mulick (Eds.). *Behavioral Foundations of Effective Autism Treatment*. (pp. 155-181). Cornwall-on-Hudson, NY: Sloan Publishing.

Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (2010). Evaluation of resistance to change under different disrupter conditions in children with autism and severe intellectual disability. *Journal of the Experimental Analysis of Behavior*, 93, 369-383. PMID: PMC2861875

Dube, W. V., Ahearn, W. H., Lionello-DeNolf, K. M., & McIlvane, W. J. (2009). Behavioral momentum: Translational research and developmental disabilities. *The Behavior Analyst Today*, 10, 238 – 253. PMID: PMC2950703

Lionello-DeNolf, K. M. (2009). The search for symmetry: 25 years in review. *Learning & Behavior*, 37, 188 - 203. PMID: PMC19380896.

Lionello-DeNolf, K. M., Barros, R. S., and McIlvane W. J. (2008). A novel method for teaching the first instances of simple discrimination to nonverbal autistic children in a laboratory environment. *The Psychological Record*, 58, 231-246. PMID: PMC2709782

Lionello-DeNolf, K. M., McIlvane, W. J., Canovas, D. S., Souza, D. G., & Barros, R. S. (2008). Reversal learning set and functional equivalence in children with and without autism. *The Psychological Record*, 58, 15-36. PMID: PMC2828151.

Vasconcelos, M., Urcuioli, P. J., & Lionello-DeNolf, K. M. (2007). When is failure to replicate not a Type II error? *Journal of the Experimental Analysis of Behavior*, 87, 405-407. PMID1868583.

Vasconcelos, M., Urcuioli, P. J., & Lionello-DeNolf, K. M. (2007). Failure to replicate the "work ethic" effect in pigeons. *Journal of the Experimental Analysis of Behavior*, 87, 383-389. PMID1868581.

Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (2007). Exclusive preference on concurrent schedules in children with autism spectrum disorder. *Experimental Analysis of Human Behavior Bulletin*, 25, 6-10.

Lionello-DeNolf, K. M., & Mihalick, S. M. (2006). An automated olfactory discrimination procedure with rats. *The Behavior Analyst Today*, 7, 560-571.

Barros, R. S., Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (2006). Equivalence class formation via identity matching to sample and simple discrimination with class-specific consequences. *Brazilian Journal of Behavior Analysis*, 2, 79-92.

Urcuioli, P. J., Lionello-DeNolf, K. M., Michalek, S., & Vasconcelos, M. (2006). Some tests of response membership in acquired equivalence classes. *Journal of the Experimental Analysis of Behavior*, 86, 81-107. PMID1592353.

Urcuioli, P. J., & Lionello-DeNolf, K. M. (2005). The role of common reinforced comparison responses in acquired equivalence. *Behavioural Processes*, 69, 207-222.

Serna, R. W., Lionello-DeNolf, K. M., Barros, R. S., Dube, W. V. & McIlvane, W. J. (2004). Teoria de Coerência de Topografias de Controle de Estímulos na Aprendizagem Discriminativa: Da pesquisa Básica e Teoria à Aplicação (Stimulus Control Topography Coherence Theory in Discrimination Learning: From Basic Research and Theory to Application). In M. M. C. Hubner & M. Marinotti (Eds.). *Análise do Comportamento para a Educação: Contribuições Recentes (Behavior Analysis in Education: Recent Contributions)*. pp. 253-284. ESETec Editores Associados: Santo Andre, Brazil.

Lionello-DeNolf, K. M., & McIlvane, W. J. (2003). Rebirth of the Shriver automated teaching laboratory. *Experimental Analysis of Human Behavior Bulletin*, 21, 5-10.

Lionello-DeNolf, K. M., & Urcuioli, P. J. (2003). A procedure for generating differential 'sample' responding without different exteroceptive stimuli. *Journal of the Experimental Analysis of Behavior*, 79, 21-48. PMID1284919.

Lionello-DeNolf, K. M., & Urcuioli, P. J. (2002). Stimulus control topographies and tests of symmetry in pigeons. *Journal of the Experimental Analysis of Behavior*, 78, 467-495. PMID1284911.

Urcuioli, P.J., Pierce, J.N., Lionello-DeNolf, K.M., Friedrich, A., Fetterman, J.G., & Green, C. (2002). The development of emergent differential sample behavior in pigeons. *Journal of the Experimental Analysis of Behavior*, 78, 409-432. PMID1284908.

Urcuioli, P.J., DeMarse, T., & Lionello-DeNolf, K.M. (2001). The relative contributions of S-O and R-O associations to differential outcome matching as assessed by outcome reversals. *Journal of Experimental Psychology: Animal Behavior Processes*, 27, 239-251.

Urcuioli, P.J. & Lionello-DeNolf, K.M. (2001). A test of the anticipatory mediated generalization model of acquired sample equivalence in pigeons' many-to-one matching. *Animal Learning & Behavior*, 29, 265-280.

Lionello-DeNolf, K.M. & Urcuioli, P.J. (2000). Transfer of pigeons' matching-to-sample to novel sample locations. *Journal of the Experimental Analysis of Behavior*, 73, 141-161. PMID1284768.

Urcuioli, P.J., DeMarse, T., & Lionello, K.M. (1999). Sample duration effects in pigeons' delayed matching as a function of predictability of duration. *Journal of the Experimental Analysis of Behavior*, 72, 279-297.

Lionello, K.M. & Urcuioli, P.J. (1998). Control by sample location in pigeons' matching-to-sample. *Journal of the Experimental Analysis of Behavior*, 70, 235-251. PMID: PMC1284682.

Urcuioli, P.J., DeMarse, T., & Lionello, K.M. (1998). Transfer of performance to new comparison choices following differential outcome matching-to-sample. *Animal Learning & Behavior*, 26, 139-153.

PUBLISHED ABSTRACTS

Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (2009). An evaluation of behavioral momentum in children with autism using four types of disrupters [Abstract]. *Proceedings of the 42nd Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities*, 140.

INVITED AND ORGANIZED PRESENTATIONS

Symposium Discussant (May, 2023). *Some important variables for the formation of stimulus classes*. Presented at the 49th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Session Chair (May, 2023). *When we ought to save the world, but don't really feel like it: Motivating avoidance behavior when consequences are uncertain or delayed*. (Carla H. Lagorio, presenter). Invited presentation at the 49th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Poster Discussant (May, 2023). EAB Saturday poster session at the 49th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Poster Discussant (May, 2022). EAB Monday poster session at the 48th annual meeting of the Association for Behavior Analysis International, Boston, MA.

Session Chair (May, 2022). *Laboratory to clinic: Dysfunctional behaviors cannot be erased from the behavioral repertoire, but a growing stable of modification techniques collectively can reduce such behaviors and impede relapse*. (Ralph R. Miller, presenter). EAB Program Board hosted B. F. Skinner lecture series at the 48th annual meeting of the Association for Behavior Analysis International, Boston, MA.

Session Chair (May, 2022). *Disordered behavioral processes and diet-induced obesity*. (Kimberly

Kirkpatrick, presenter). Invited presentation at the 48th annual meeting of the Association for Behavior Analysis International, Boston, MA.

Poster Discussant (May, 2021). EAB Sunday poster session at the 47th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Symposium Discussant (May, 2021). *Establishment and emergence of conditional discriminations: Basic and applied research*. Presented at the 47th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Lionello-DeNolf, K. M. (September 29, 2020). *What employers need to know about autism*. Presented at the Worcester Chamber of Commerce Human Resources Roundtable, Worcester, MA.

Session Chair (May, 2020). *The influence of social synchrony and social and motor context on social communication, social interaction, and restricted and repetitive behaviors in autism* (Paula Fitzpatrick, presenter). EAB Program Board invited B. F. Skinner Lecture Series presented at the 46th annual meeting of the Association for Behavior Analysis International, Washington, DC.

Poster Discussant (May, 2020). EAB Sunday poster session at the 46th annual meeting of the Association for Behavior Analysis International, Washington, DC.

Symposium Discussant (October, 2019). *Variables affecting the formation of equivalence classes: recent research and implications*. Presented at the 40th annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Worcester, MA.

Lionello-DeNolf, K. M. (May, 2019). *Derived stimulus relations: A panel with discussion*. Presented at the 45th annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Lionello-DeNolf, K. M. (April, 2019). *Stimulus control in matching programs*. Invited presentation at The Autism Community Therapists, Acton, MA.

Lionello-DeNolf, K. M. (December, 2018). *Exploration of aversion to unequal outcomes*. Paper presented at the Psychology Research Conference, Dartmouth, MA.

Symposium Discussant (May, 2018). *Basic and applied research on relational responding*. Presented at the 44th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Poster Discussant (May, 2018). EAB Sunday poster session at the 44th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Symposium Discussant (October, 2016). *Establishing and transferring stimulus control of context-specific behavior*. Presented at the annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Session Chair (May, 2015). *Retrieval-based Learning: Active retrieval promotes meaning* (Jeffrey Karpicke, presenter). Science Board hosted B. F. Skinner Lecture Series presented at the 41st annual meeting of the Association for Behavior Analysis International, San Antonio, TX.

Lionello-DeNolf, K. M. (February, 2011). *Development of reversal learning set and functional equivalence in children with autism spectrum disorder and intellectual disability*. Paper presented at the 25th annual meeting of the Texas Association for Behavior Analysis, Galveston, TX and at the 82nd annual meeting of the Eastern Psychological Association, Cambridge, MA (March).

Lionello-DeNolf, K. M. (May, 2010). *Evaluation of resistance to disruption in children with autism*. Paper presented at Queens College, the City University of New York, Flushing, NY.

Lionello-DeNolf, K. (March, 2008). *Behavioral momentum in children with autism*. Paper presented at the annual meeting of the Eastern Psychological Association, Boston, MA.

Lionello-DeNolf, K.M. (October, 2003). *Investigations of stimulus equivalence in presymbolic populations*. Paper presented at the 20th annual meeting of the Southeastern Association for Behavior Analysis, Greenville, SC.

RESEARCH PRESENTATIONS

Lionello-DeNolf, K. M., Eckerman, D., Hise, R., Pinzino, E., & Ray, R. (May, 2023). *Teaching discrete-trial implementation with Train-to-Code*. Presented at the 49th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Lionello-DeNolf, K. M., Eckerman, D., Hise, R., Pinzino, E., & Ray, R. (October, 2022). *Using Train-to-Code to teach implementation of discrete trial teaching programs*. Presented at the 43rd annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Worcester, MA.

Morris, C., Najdowski, A. C., Vladescu, J. C., & Lionello-DeNolf, K. M. (May, 2022). *Suggestions for establishing and maintaining research productivity at small universities*. Panel discussion presented at the 48th annual meeting of the Association for Behavior Analysis International, Boston, MA.

Palmer, S., Maguire, R. W., Lionello-DeNolf, K. M., & Braga-Kenyon, P. R. (May, 2021). *The inclusion of prompts in equivalence classes: A systematic replication with individuals diagnosed with autism*. Presented at the 47th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

O'Rourke, T., D'Agostino, C., Lionello-DeNolf, K. M., Eckerman, D. A., & Ray, R. (October, 2020). *Use of a card-sort procedure to teach prompt types in ABA service delivery*. Presented at the annual meeting of the New England Psychological Association, the Assumption University Undergraduate Symposium (April, 2021), and the Assumption University Graduate School Symposium, Worcester, MA (April, 2021).

Lionello-DeNolf, K. M., & Benvenuti, M. F. L. (May, 2019). *Previous social interactions with advantageous inequity influences aversion to disadvantageous inequity*. Presented at the 45th annual meeting of the Association for Behavior Analysis International, Chicago, IL.

Palmer, S. V. B., Maguire, R. W., Lionello-DeNolf, K. M., & Braga-Kenyon, P. R. (May, 2019). *The inclusion of prompts in equivalence classes*. Presented at the 45th annual meeting of the Association for Behavior Analysis International, Chicago, IL and the 40th annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Worcester, MA (October, 2019).

Gifford, A., Redpath, C. C., & Lionello-DeNolf, K. M. (October, 2016). *A systematic data-based reinforcement system to increase independence in inclusion settings*. Paper presented at the 37th annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Lionello-DeNolf, K. M., & McIlvane, W. J. (May, 2012). *Stimulus control and acquisition of reversal learning set in children with autism*. Paper presented at the 38th annual meeting of the Association for Behavior Analysis International, Seattle, WA.

Lionello-DeNolf, K. M. (October, 2011). *Reversal learning set and control by positive and negative stimuli in children with autism*. Paper presented at the annual conference for The Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Lionello-DeNolf, K. M., & Jones, B. M. (May, 2011). *Analysis of pausing after transitions between components of a multiple fixed-ratio schedule by children with autism*. Paper presented at the 37th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Lionello-DeNolf, K. M., Jones, M., Dickson, C., & Guilhardi, P. (October, 2010). *Differential pausing between different transitions types in multiple schedules by children with autism spectrum disorder*. Paper presented at the annual conference for The Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Lionello-DeNolf, K. M., & Mihalick, S. M. (May, 2010). *Simple discrimination reversal and conditional discrimination of odor stimuli by rats*. Paper presented at the 36th annual meeting of the Association for Behavior Analysis International, San Antonio, TX.

Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (May, 2007). *Behavioral momentum in children with autism*. Paper presented at the 33rd meeting of the Association for Behavior Analysis International, San Diego, CA.

Lionello-DeNolf, K. M., Barros, R. M., & McIlvane, W. J. (May, 2005). *Contingency class formation in low-functioning autistic children*. Paper presented at the 31st meeting of the Association for Behavior Analysis, Chicago, IL.

Urcuioli, P.J., & Lionello-DeNolf, K. M. (May, 2005). *Can differential sample-response patterns become members of acquired equivalence classes?* Paper presented at the 31st meeting of the Association for Behavior Analysis, Chicago, IL.

Barros, R. S., Lionello-DeNolf, K. M., & McIlvane, W. J. (2004). *Automated teaching of discriminative skills to children with severe developmental delay*. Paper presented at the 34th meeting of the Sociedade Brasileira de Psicologia, Ribeirao Preto, SP.

McIlvane, W. J., Lionello-DeNolf, K. M., and Barros, R. S. (2004). *Two procedures to encourage stimulus control topographies in children with severe mental retardation*. Paper presented at the 34th meeting of the Sociedade Brasileira de Psicologia, Ribeirao Preto, SP.

Lionello-DeNolf, K.M. & Urcuioli, P.J. (2004). *Pigeons' responses as samples in tests for functional equivalence*. Paper presented at the 2nd meeting of the Association for Behavior Analysis International, Campinas, Brazil.

McIlvane, W. J., Lionello-DeNolf, K. M., Barros, R., Kledaras, J. B., Mahon, K. L., & Hamad, C. (2004). *Translational behavior analysis: from the laboratory to the classroom/clinic*. Paper presented at the 2nd meeting of the Association for Behavior Analysis International, Campinas, Brazil.

Lionello-DeNolf, K.M. (2003). *A procedure to test if responses join equivalence classes*. Paper presented at the 29th annual meeting of the Association for Behavior Analysis, San Francisco, CA.

Lionello, K.M. (March, 2000). *Transfer across sample locations in pigeons' matching-to-sample*. Paper presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD.

Lionello-DeNolf, K.M. (March, 2000). *A test of symmetry and transfer to new locations in pigeons' conditional discriminations*. Paper presented at the Tri-State Animal Learning and Behavior Conference,

Purdue University, West Lafayette, IN.

Lionello, K.M. & Urcuioli, P.J. (April, 1999). *Transfer of pigeons' matching-to-sample to novel sample locations*. Paper presented at the 71st Annual Meeting of the Midwestern Psychological Association, Chicago, IL and at the Tri-State Animal Learning and Behavior Conference, Indiana University-Purdue University at Indianapolis, IN.

Lionello, K.M. & Urcuioli, P.J. (May, 1998). *Interaction between sample durations and their predictability on delayed matching*. Paper presented the 70th Annual Meeting of the Midwestern Psychological Association, Chicago, IL and at Tri-State Animal Learning and Behavior Conference, University of Kentucky, Lexington, KY (March, 1998).

Lionello, K.M. (April, 1997). *Pigeons' performance on matching-to-sample with moving samples*. Presented at Tri-State Animal Learning and Behavior Conference, Indiana University, Bloomington, IN.

POSTER PRESENTATIONS

Borge, S., & Lionello-DeNolf, K. M. (2023). *Academic cheating and stressors at the university level*. Presented at the 63rd annual meeting of the New England Psychological Association, Worcester, MA.

Sakulkoo, S., Ormandy, S., Lionello-DeNolf, K. M., Mittelman, C. (May, 2023). *Experimental analysis of stimulus control by punishment*. Presented at the 49th annual meeting of the Association for Behavior Analysis International, Denver, CO.

Sutherland, J., Lionello-DeNolf, K. M., Eckerman, D., & Ray, R. (October, 2022). *Staff training in ABA service delivery*. Presented at the 62nd annual meeting of the New England Psychological Association, Worcester, MA.

Davidson, P., Lionello-DeNolf, K. M., Eckerman, D. A., Roche, W., and Ray, R. D. (May, 2022). *Using Train-to-Code to teach the order of events in a discrete trial: Error analysis*. Presented at the 48th annual meeting of the Association for Behavior Analysis International, Boston, MA.

Lionello-DeNolf, K. M., Eckerman, D., Ray, R., & O'Rourke, T. (May, 2020). *Use of a card-sorting task to teach prompting levels for three types of discrete trial teaching sessions*. Presented at the 46th annual meeting of the Association for Behavior Analysis International, Washington, DC.

Oikonomou, A., Savage, A, Malmborg, J., & Lionello-DeNolf, K. M. (November, 2018). *Fairness and inequity in cooperative tasks*. Presented at the annual meeting of the New England Psychological Association, Worcester, MA and at the Fenway Undergraduate Psychology Research Conference, Emmanuel College, Boston, MA (March, 2019).

Lionello-DeNolf, K. M., & Benvenuti, M. (May, 2018). *Interdependent and individual group contingencies in college classrooms*. Presented at the 44th annual meeting of the Association for Behavior Analysis International, San Diego, CA.

Lionello-DeNolf, K. M., & McIlvane, M. J. (May, 2015). *Procedures to establish object-photo matching in a child with autism: A case study*. Presented at the 41st annual meeting of the Association for Behaviors Analysis International, San Antonio, TX.

Farber, R., Lionello-DeNolf, K. M., Jones, B. M., & Dube, W. V. (March, 2013). *Training on "thematic" matching increases accuracy on arbitrary matching for an individual diagnosed with autism*. Presented at the 3rd annual meeting of the Association of Professional Behavior Analysts, Las Vegas, NV and at the 39th annual meeting of the Association for Behavior Analysis International, Minneapolis, MN

(May, 2013).

Lionello-DeNolf, K. M., Dube, W. V., & McIlvane, W. J. (May, 2008). *Pretraining procedures to avoid development of exclusive preference on concurrent schedules in children with autism*. Presented at the 34th annual meeting of the Association for Behavior Analysis, Chicago, IL.

Lionello-DeNolf, K. M., & Mihalick, S. (May, 2005). *An automated training procedure for presenting olfactory stimuli to rats*. Presented at the 31st meeting of the Association for Behavior Analysis, Chicago, IL.

Lionello-DeNolf, K.M. (May, 2000). *Some further tests of symmetry in pigeons*. Paper presented at the Seventy-Second Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Lionello, K.M. (May, 1999). *Transfer of pigeons' matching-to-sample to novel sample locations*. Paper presented at the Society for the Quantitative Analyses of Behavior, Chicago, IL.

Lionello, K.M. & Dougan, J. (1995). *The effects of circadian entrainment on operant conditioning*. Paper presented at the twenty-first Annual Convention of the Association for Behavior Analysis, Chicago, IL and at the sixth Annual Illinois Wesleyan University Research Conference, Bloomington, IL.

Lionello, K.M., LaMarche, C.A., & Dougan, J.D. (1994). *Circadian rhythms and the variable interval response function*. Paper presented at the twentieth Annual Convention of the Association for Behavior Analysis, Atlanta, GA and at the fifth Annual Illinois Wesleyan University Research Conference, Bloomington, IL.