**CURRICULUM VITAE**

Rafaela M. Fontes

December 2022

**CONTACT**

Fralin Biomedical Research Institute at VTC

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**EDUCATION**

2018 - 2022 **Ph.D., Psychology with emphasis in Behavior Analysis**

 Psychology Department, Utah State University

 Dissertation: Punishment and choice

 Dissertation Chair: Timothy A. Shahan, Ph.D.

2015-2018 **Ph.D., Behavioral Sciences**

Department of Basic Psychological Process, Institute of Psychology, University of Brasília, Brasília/DF, Brazil

Dissertation: Efeitos da punição de uma resposta alternative na ressurgência de uma resposta alvo previamente extinta (The effects of punishment for an alternative response on resurgence of a previously extinguished target response)

Dissertation Chair: João Claudio Todorov, Ph.D.

2013-2015 **M.S., Behavioral Sciences**

Department of Basic Psychological Process, Institute of Psychology, University of Brasília, Brasília/DF, Brazil

Thesis: Controle de estímulos em metacontingência (Stimulus control in metacontingency)

Dissertation Chair: João Claudio Todorov, Ph.D.

2008-2013 **B.A., Psychology**

Department of Psychology, Federal University of Sergipe, Aracaju/SE, Brazil

 Thesis: Estudos sobre a adequação de uma interpretação analítico-comportamental do teste de Rorschach (Studies on the fitness of a behavior-analytical interpretation of the Rorschach Test)

 Chairperson: Diogo Conque Seco, Ph.D.

**PROFESSIONAL INTERESTS**

Experimental Analysis of Behavior

Punishment of operant behavior

Aversive control

Choice Behavior

Quantitative analysis of behavior

Relapse Phenomena

**MEMBERSHIPS**

2017- Member, Association for Behavior Analysis International

2017- Member, Society for the Quantitative Analyses of Behavior

2014- Member, Brazilian Association for Behavior Analysis

**HONORS AND AWARDS**

2022 **Top Downloaded Article for “Punishment and its putative fallout: A reappraisal”**

Journal of the Experimental Analysis of Behavior, Wiley

2021-2022 **Anthony LaPray Scholarship**

Department of Psychology, Utah State University

2020-2021 **Walter R. Borg Scholarship and Research Productivity Award**

 Department of Psychology, Utah State University

2019-2020 **Ray Alvord Scholarship**

 Department of Psychology, Utah State University

2018 **SABA Senior Student Presenter Grant**

 Society for the Advancement of Behavior Analysis

2016-2017 **Fulbright Doctoral Dissertation Research Award**

 Fulbright & CAPES Brazil

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| **POSITIONS HELD** |

**RESEARCH POSITIONS**

2022-Present Postdoctoral Research Associate

 Addiction Recovery Research Center

 Fralin Biomedical Research Institute, Virginia Tech

2022 Visiting Researcher

 Laboratory of Biobehavioral Analysis, University of São Paulo

 PI: Maria Helena Hunziker

2021 Research Assistant

 Department of Psychology, Utah State University

 Punishment and choice – Departmental Grant

 PI: Timothy Shahan, Ph.D.

2020 Research Assistant

 Department of Psychology, Utah State University

 Quantitative models of punishment – Departmental Grant

 PI: Timothy Shahan, Ph.D.

2019 Research Assistant

 Alcohol seeking and resurgence following escalating negative consequences - (R21AA025604) National Institute on Alcohol Abuse and Alcoholism

 PI: Timothy Shahan, Ph.D.

2016-2017 Fulbright Visiting Researcher

 Department of Psychology, Utah State University

 Faculty Supervisor: Timothy Shahan, Ph.D.

**TEACHING POSITIONS**

2022 Lecturer

Brasilia Institute for Behavior Analysis, Brasília/DF, Brazil

Courses: Basic Behavioral Processes II

2021 Guest Lecturer

 Center of Behavioral Theory and Research, Federal University of Pará

 Course: Methods in Experimental Analysis of Behavior

2021 Instructor

 Department of Psychology, Utah State University, Logan/UT

 Courses: 1400 - Analysis of Behavior: Basic Principles

 1410 – Laboratory Accompanying Psychology 1400

2018-2021 Graduate Teaching Assistant

 Department of Psychology, Utah State University, Logan/UT

Courses: 1400 - Analysis of Behavior: Basic Principles; 1410 – Laboratory Accompanying Psychology 1400; 3400 – Advanced Behavior Analysis

2017-2018 Lecturer

Department of Psychology, IESGO College, Formosa/GO, Brazil

 Course: Learning Psychology; Behavioral Theories

2017-2018 Lecturer, Supervisor

Brasilia Institute for Behavior Analysis, Brasília/DF, Brazil

Courses: Experimental Analysis of Behavior I; Experimental Analysis of Behavior II; Verbal Behavior; Evaluation, Measurement and Research; Fundamentals of Radical Behaviorism; Epistemological Bases of Radical Behaviorism

2017 Instructor

Department of Basic Psychological Process, Institute of Psychology, University of Brasília, Brasília/DF, Brazil

 Course: Introduction to Psychology

 Faculty Supervisor: Raquel Aló, Ph.D

2016 Lecturer

Department of Psychology, IESGO College, Formosa/GO, Brazil

 Course: Behavioral Theories; Basic Psychological Processes

2015 Instructor

Department of Basic Psychological Process, Institute of Psychology, University of Brasília

 Course: Introduction to Psychology

 Faculty Supervisor: Raquel Aló, Ph.D

2013 Instructor

Department of Basic Psychological Process, Institute of Psychology, University of Brasília Brasília/DF, Brazil

 Course: Introduction to Psychology

 Faculty Supervisor: Eileen Pfeiffer Flores, Ph.D

2010-2011 Undergraduate Teaching Assistant

 Department of Psychology, Sergipe Federal University, Aracaju/SE, Brazil

Courses: Theories and Systems in Psychology II, Laboratory Practice in Experimental Psychology

 Faculty Supervisor: Diogo Conque Seco, Ph.D.

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| **PUBLICATIONS** |

Total citations: 53

H index: 4

i10 index: 3

Source: [Google Scholar](https://scholar.google.com/citations?user=WkClQmgAAAAJ&hl=en&oi=ao)

Listed by category and in reverse chronological order.

**BOOK CHAPTERS**

3**) Fontes, R. M**., & Ferreira, D. C. S. (2020). Personalidade em uma perspectiva analítico-comportamental: considerações sobre métodos de avaliação psicológica. In J. C. Todorov (Ed.), *Comportamento e Cultura: Análise de Interações* (pp 50-66). Brasília, DF: Technopolitik.

2) **Fontes, R. M**., & Todorov, J. C. (2020). Controle de estímulos e contraste comportamental emu ma tarefa de cooperação. In J. C. Todorov (Ed.), *Comportamento e Cultura: Análise de Interações* (pp 67-89). Brasília, DF: Technopolitik.

1) Todorov, J. C., & **Azevedo, R. M. F.** (2016). Clarice Lispector, tempo e consequências: considerações sobre contraste comportamental. In: Soares, P. G., Almeida, J. H., & Cançado, C. R. X. (Org.). *Experimentos Clássicos em Análise do Comportamento.* Brasília: Editora do Insitituto Walden 4, 64- 77.

**PEER-REVIEWED PUBLICATIONS**

4) **Fontes, R. M.**, & Shahan, T. A. (2022). Effects of repeated exposure to escalating versus constant punishment intensity on response allocation. *Journal of the experimental analysis of behavior*, *118*(1), 59–82. https://doi.org/10.1002/jeab.766

3) **Fontes, R. M.**, & Shahan, T. A. (2021). Punishment and its putative fallout: A reappraisal. *Journal of the experimental analysis of behavior*, *115*(1), 185–203. https://doi.org/10.1002/jeab.653

2) **Fontes, R. M.\***, Todorov, J. C., & Shahan, T. A. (2018). Punishment of an alternative behavior generates resurgence of a previously extinguished target behavior. *Journal of the experimental analysis of behavior*, *110*(2), 171–184. https://doi.org/10.1002/jeab.465

1) **Azevedo, R. M. F.**, & Todorov, J. C. (2016). Controle de estímulos e contraste comportamental em uma tarefa de cooperação. *Revista Brasileira de Análise do Comportamento, 12*, 95-105.

**MANUSCRIPTS UNDER PREPARATION:**

2) Fontes, R. M., Fonseca Jr., A. R., & Shahan, T. A. Negative reinforcement and its putative fallout.

1) Fontes, R. M., & Shahan, T. A. Punishment rates in the context of dynamic choice: a test of model predictions.

\*Last name changed from Azevedo to Fontes in 2017

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| **PRESENTATIONS** |

**INVITED ADDRESSES, DISCUSSIONS, AND PANELS**

#### 5) de Carvalho Neto, M. B., & Fontes, R. M. (2022). Teorias Comportamentais da Punição: Processos Básicos, Modelos de Escolha e Algumas Aplicações (Behavioral theories of punishment: basic processes, choice models and Applied implications). Talk presented at the X Congresso de Terapia por Contingência de Reforço, Virtual Conference.

4) **Fontes, R. M.** (2022). Workshop (16h) on assembling and using MED Associates equipment presented at the Federal University of Pará, Belém/PA, Brazil.

3) **Fontes R. M.** (2022). Workshop (12h) on “Quantitative models of choice” presented at the Federal University of Pará, Belém/PA, Brazil.

2) **Fontes, R. M.** (2021).Prof. Todorov: Contribuições recentes para a pesquisa básica (Prof. Todorov: recente contributions to basic research). Talk presented at the VII Encontro Goiano de Análise do Comportamento, Virtual Conference.

1) **Fontes, R. M.** (2021). Modelos experimentais de recaída (Experimental models of relapse). Talk presented at the II Jornada de Análise do Comportamento de Aracaju, Virtual Conference.

**PAPER PRESENTATIONS**

5) **Fontes, R. M.**, & Shahan, T. A. (2021). Punishment intensity and response allocation. Talk presented at the Symposium “Recent studies on punishment” during the 47th Annual Convention of the Association for Behavior Analysis International, Virtual Conference.

4) **Fontes, R. M.**, Todorov, J. C., & Shahan, T. A. (2018). Punishing an alternative behavior generates resurgence of a previously extinguished target behavior. Talk presented at the Symposium “Punishment: Don't Throw the Baby out With the Bathwater!” during the 44th Annual Convention of the Association for Behavior Analysis International, San Diego, CA.

3) Todorov, J. C., Henriques, M. B., Vasconcelos, I., & **Azevedo, R. M. F.** (2015). Contingências e metacontigências no terceiro nível de seleção por consequências. Symposium conducted at the XXIV Brazilian Meeting for Behavioral Psychology and Medicine, São Paulo/SP, Brazil.

2) Almeida, S. P., Oliveira, J. M., Silva, F. S., Lima, T. C., **Azevedo, R. M. F.,** & Seco-Ferreira, D. C. (2011). O efeito da quantidade de marcas e o nível informativo na duração da procura por produtos em um hipermercado em Aracaju. Talk presented at the 7thNorth and Northeast Meeting for Psychology, Salvador/BA, Brazil.

1. **Azevedo, R. M. F.**, Oliveira, J. M., & Seco-Ferreira, D. C. (2011). Pichar, roubar e quebrar: análise de contingências que mantêm comportamentos de desacato à ambientes públicos. Talk presented at the 20th Brazilian Annual Convention for Behavioral Psychology and Medicine and 1st South American Conference for Behavior Analysis, Salvador/BA, Brazil.

**POSTERS**

2) **Azevedo, R. M. F.**, & Todorov, J. C. (2014). Investigação sobre os efeitos da discriminação operante na metacontingência: dados preliminares. Poster presented at the 44th Annual Meeting for the Brazilian Psychology Society, Ribeirão Preto/SP, Brazil.

1. Silva, F. S., Lima, K. M. C., **Azevedo, R. M. F.**, & Seco-Ferreira, D. C. (2010). O efeito do preço sobre a percepção de qualidade do produto. Poster presented at III Regional Meeting for the Interamerican Psychology Society.

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| **PROFESSIONAL SERVICES** |

**Editorial Activities**

**Ad Hoc reviewer for:**

*Revista Brasileira de Terapia Comportamental e Cognitiva*

*Comportamento em Foco*

*The Psychological Record*

*Journal of Applied Behavior Analysis*

*Acta Comportamentalia: Revista Latina de Análisis del Comportamiento*

*Revista Brasileira de Análise do Comportamento (Brazilian Journal of Behavior Analysis)*

*Revista Interação em Psicologia*

**Organizational Service**

2021 **Symposium Chair**

47th Annual Convention of the Association for Behavior Analysis International

2021 **Poster discussant**

47th Annual Convention of the Association for Behavior Analysis International

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| **SUPERVISION AND MENTORSHIP** |

**Committee**

2022  **Gabriel Henderson Soares Rolim, Master Thesis**

Center of Behavioral Theory and Research, Federal University of Pará

2021 **Sara Sousa da Fonseca, Undergraduate Thesis**

College of Psychology, Pará Federal University (Brazil)

2021 **Elisama dos Santos Almeida, Undergraduate Thesis**

College of Psychology, Pará Federal University (Brazil)

**Mentorship**

2021-Present **Sara Sousa da Fonseca, Master’s Thesis (co-advisor)**

 Center of Behavioral Theory and Research, Federal University of Pará

2018 **Juliana D. Sales, Specialization Thesis**

 Certification Training in Clinical Behavior Analysis, Brasilia Institute for Behavior Analysis

2018 **Milene V. Soares, Specialization Thesis**

 Certification Training in Clinical Behavior Analysis, Brasilia Institute for Behavior Analysis

2018 **Maria da Consolação Teixeira, Specialization Thesis**

Certification Training in Behavior Analysis with Emphasis in Autistic and Neurodiverse People – Brasilia Institute for Behavior Analysis

2018 **Paula M. do A. Guimarães, Specialization Thesis**

Certification Training in Behavior Analysis with Emphasis in Autistic and Neurodiverse People – Brasilia Institute for Behavior Analysis

2017 **Lara R. Queiroz, Specialization Thesis**

 Certification Training in Behavior Analysis with Emphasis in Autistic and Neurodiverse People – Brasilia Institute for Behavior Analysis