

Ricardo Nadal, M.Ed

Learning & Development

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Learning Designer with extensive experience in engagement, people development and stakeholder support, providing customer-centric solutions. Proven experience in teaching, analysis, problem-solving, and research, with a strong aptitude for creativity, use of current technologies, and immersive interactions.

RELEVANT PROFESSIONAL HISTORY

RESEARCHER IN ADULT LEARNING

Federal University of São Paulo, *Brazil*

Aug. 2020–Jan. 2023

Researcher on Science and Mathematics Education as part of obtaining an academic master's degree

- Conducted research on predictors of course engagement in a Virtual Learning Environment (VLE) using data analysis and graphical data visualization techniques
- Measured the impact of individual differences in the ability to delay gratification on students' academic achievement and affective responses using surveys.
- Analyzed and interpreted the research findings to draw meaningful conclusions and recommendations for improving teaching and learning practices in science and mathematics education
- The findings suggest that emergency remote teaching may require different teaching strategies for high-stakes and low-stakes courses, with a need for more attention on learner-interface interaction in low-stakes courses
- The lack of a significant relationship between the ability to delay gratification and learner-interface interaction profile during emergency remote teaching could indicate that other individual differences may play a more critical role in academic achievement during remote learning
- The relationships between affective responses and learner-interface interaction profiles during asynchronous and synchronous classes suggest that pedagogical strategies should consider the timing of different types of interactions

RESEARCHER IN ADULT LEARNING

Bishop's University, *Canada*

Jan 2022 - jun 2022

Visiting Researcher on Education in the Psychology Department with support from Global Affairs Canada (ELAP)

- Conducted research to investigate the effectiveness of various pedagogical strategies on student engagement in flipped classroom environments.
- Utilized statistical analysis and graphic data visualization techniques to interpret research findings from multiple sources, including the National Science Foundation
- Administered surveys to measure social anxiety, academic self-efficacy, and other psychological factors affecting student engagement.
- Despite the promising results from the initial research, the researchers involved are still collecting data to provide more conclusive evidence of the effectiveness of specific pedagogical strategies on student engagement in flipped classroom environments
- The ongoing data collection involves a larger sample size and more in-depth analysis of the psychological factors affecting student engagement in flipped classroom environments

SKILLS

Instructional Design

Research & Data analysis

Storytelling

Micro-learning

Video Production

Audio Production

Blended Learning

Content Curation

Mobile Lessons

Power B.I.

HTML

SQL

TOOLS

Storyline & Rise

Moodle

Canva

Microsoft Office

Google Education Suite

Logic Pro

Adobe Premiere

Adobe Lightroom

Adobe Spark

Final Cut

Audacity

Trello

GraphPad Prism

LEARNING DEVELOPER AND TEACHER

Ábaco and Singular Schools, *Brazil*

Jan. 2017–Dec. 2021

Social and Emotional Learning (SEL) teacher and learning content developer for elementary and high school

- Taught and guided students in developing emotional intelligence, social awareness, and responsible decision-making
- Designed and facilitated lessons and activities focused on empathy, self-awareness, conflict resolution, and stress management
- Collaborated with school administrators and educators to incorporate SEL practices and resources into parent-teacher conferences and family events
- Provided individual and group counseling to students on a range of issues related to mental health and emotional well-being
- Coordinated and oversaw the implementation of school-wide SEL programs and initiatives
- Conducted needs assessments and evaluation of the effectiveness of SEL programs and made recommendations for improvement
- Collaborated with other teachers and staff to integrate SEL into academic curriculum and school culture, promoting positive relationships and a safe learning environment
- Adapted SEL strategies for adult learners, specifically parents, to enhance their emotional intelligence and parenting skills
- Developed partnerships with community organizations and mental health professionals to provide additional resources and support for students.
- Collaborated with parents and families to promote SEL and create a supportive home environment that reinforces SEL skills learned in school

TEACHER

Singular School, *Brazil*

Jan. 2015 - Jan. 2017

Science teacher for elementary and high school

- Developed and delivered engaging and effective lessons in science to students of various age groups and proficiency levels
- Implemented hands-on experiments and inquiry-based activities to spark curiosity and active participation in scientific exploration
- Encouraged students to think critically and solve problems through scientific inquiry, hypothesis testing, and data analysis
- Evaluated student progress and provided feedback to support academic growth.
- Collaborated with fellow teachers to design interdisciplinary projects that promoted creativity and critical thinking
- Fostered a positive and inclusive classroom environment that supports student learning and growth
- Stay up to date with the latest teaching techniques and educational technologies to enhance the learning experience for students

TRAINEE LABORATORY TECHNICIAN

Federal University of São Paulo, *Brazil*

Aug. 2014 - Jan. 2015

Trainee Laboratory Technician at the Biological Sciences Lab

- Developed and delivered engaging and effective lessons in science to students of various age groups and proficiency levels
- Evaluated student progress and provided feedback to support academic growth.
- Collaborated with fellow teachers to design interdisciplinary projects that promoted creativity and critical thinking
- Fostered a positive and inclusive classroom environment that supports student learning and growth
- Stay up to date with the latest teaching techniques and educational technologies to enhance the learning experience for students

EDUCATION

Masters in Science and Mathematics Education

Federal University of São Paulo-2023

Diploma in Philosophy

UNICID-2019

CERTIFICATION

Articulate Storyline 360

In Learning-2023

Instructional Design

In Learning-2023

LMS

In Learning-2023

SQL & BI

Alura-2023

Power BI

Alura-2023

Javascript Introduction

Alura-2023

French - Level 1 & 2

Carrefour Accès Loisirs-2022

English Classes

California-2006

HONORABLE MENTION

Using smartphones to learn exercise physiology, FESBE, *Brazil*-2015

PUBLISHED ARTICLE

Using smartphones to learn exercise physiology onlinelibrary.wiley.com/doi/10.1111/medu.12877 *Medical Education*-2015