CHRISTIAN RUIZ-ORTIZ

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EDUCATION

2025 **Ph.D. in General Psychology**
Concentration in Bilingualism, Language, and Cognition
The University of Texas at El Paso
El Paso, TX

Dissertation: Investigating the Impact of Bilingual Experience and Language Use Context on Cognitive Control in an Auditory Stroop Task
Advisor: Ashley S. Bangert, PhD

2023 **M.A. in Experimental Psychology**
The University of Texas at El Paso
El Paso, TX

Thesis: Assessing how Bilingual Experience Impacts Performance in Stimulus-Stimulus and Stimulus-Response Conflict Tasks
Advisor: Ashley S. Bangert, PhD

2015 **B.S. in Psychology**
The University of Texas at El Paso
El Paso, TX

TEACHING ACTIVITIES

Undergraduate Courses at Texas State University

Spring 2026 *Instructor*: Cognitive Processes (PSY 3341)
Instructor: Introduction to Statistics (PSY 2301)

Fall 2025 *Instructor*: Cognitive Processes (PSY 3341)
Instructor: Introduction to Statistics (PSY 2301)

Graduate Courses at The University of Texas at El Paso

Fall 2020 *Teaching Assistant*: Seminar in Meta-Analysis (PSYC 6303)
Supervisor: Lawrence D. Cohn, PhD.

Adult Basic Education at Ysleta Learning Community Center

2019 - 2020 *Adult Basic Education Instructor*: Mathematics / Science / Computer Literacy / Life Skills

Undergraduate Courses at The University of Texas at El Paso

Spring 2020 *Laboratory Section Supervisor*: General Experimental Psychology Lab (PSYC 3101)
Supervisor: Ashley S. Bangert, PhD.

Fall 2019 *Laboratory Section Supervisor*: General Experimental Psychology Lab (PSYC 3101)
Supervisor: Ana I. Schwartz, PhD.

Spring 2019 *Teaching Assistant*: Statistical Methods (PSYC 1303)
Instructor: John Capps, M.A.
Supervisor: James Wood, PhD.

Spring 2019 *Teaching Assistant*: Advanced Statistics (PSYC 4317)
Supervisor: Anthony Blum, PhD.

Fall 2018 *Teaching Assistant:* Cognitive Psychology (PSYC 3348)
Supervisor: Abdolhossein Zarandi, PhD

Fall 2018 *Teaching Assistant*: General Experimental Psychology (PSYC 3201)
Supervisor: Ana I. Schwartz, PhD.

Undergraduate Courses at Southwest University at El Paso

Spring 2018 *Instructor*: Introduction to Psychology (PSYC 1301)
Spring 2018 *Instructor*: Introduction to Microsoft Excel 2016 (CIS 1301)
Spring 2018 *Instructor*: Advanced Microsoft Excel 2016 Functions (CIS 1302)
Spring 2018 *Instructor*: Mathematical Procedures for Behavioral Sciences (BM 110)

Fall 2017 *Instructor*: Introduction to Psychology (PSYC 1301)
Fall 2017 *Instructor:* English I (ENGL 1301)
Fall 2017 *Instructor*: Advanced Microsoft Excel 2016 Functions (CIS 1302)
Spring 2017 *Instructor*: Introduction to Psychology (PSYC 1301)
Spring 2017 *Instructor*: Introduction to Microsoft Excel 2016 (CIS 1301)
Spring 2017 *Instructor*: Mathematical Procedures for Behavioral Sciences (BM 110)

Fall 2016 *Instructor:* English I (ENGL 1301)
Fall 2016 *Instructor*: Introduction to Psychology (PSYC 1301)
Fall 2016 *Instructor*: Advanced Microsoft Excel 2016 Functions (CIS 1302)
Spring 2016 *Instructor*: Mathematical Procedures for Behavioral Sciences (BM 110)
Spring 2016 *Instructor*: Introduction to Psychology (PSYC 1301)
Spring 2016 *Instructor*: Introduction to Microsoft Excel 2016 (CIS 1301)

Fall 2015 *Instructor*: Introduction to Microsoft Excel 2016 (CIS 1301)
Fall 2015 *Instructor*: Advanced Microsoft Excel 2016 Functions (CIS 1302)

MENTORING

Undergraduate Students at The University of Texas at El Paso

Leslie Aragon, Alejandra Sierra, Julie Artalejo, Satinka Acosta, Nubia Lopez, Gabrielle Quezada, Elizabeth Jakobsen, Elias Olvera, Genesis Aguirre, Christine Martinez, Miyah Ray-Morales, Alyssa Jacquez, Miguel Yague, Lorena Rodriguez, Sarah Reyes, Jesus Lopez, Maria Rivera, Indra Sofia Quintero, Karen Arredondo, Evelyn Tovanche, Aaro Piña.

RESEARCH EXPERIENCE

2022 – 2024 **Department of Psychology**, The University of Texas at El Paso
Language and Communication Laboratory
Project: Effects of Bilingual Language Control on Speaking
National Institute of Child and Human Development (Grant No. 1R21HD109797-01)
Role: Graduate Research Assistant
Principal Investigator: Iva Ivanova, PhD.
Task: involved in experimental design and development of materials to explore the effects of language control during naturalistic language production in a dual-language context.

2018 – 2025 **Department of Psychology**, The University of Texas at El Paso
Cognition and Aging Laboratory
Role: Graduate Research Assistant
Graduate Advisor: Ashley S. Bangert, PhD
Tasks: developed studies examining the effects of speaking multiple languages on cognition and executive functioning

2016 –2017 **Department of Psychology**, University of Texas at El Paso
Bilingual Cognition Laboratory
Role: Undergraduate Research Assistant
Principal Investigator: Wendy S. Francis, PhD
Graduate Student Supervisor: Renee Penalver, PhD
Tasks: assisted with studies examining how different types of source monitoring are evaluated in bilingual populations.

2014 –2018 **Department of Psychology**, The University of Texas at El Paso
Cognition and Aging Laboratory
Role: Undergraduate Research Assistant
Principal Investigator: Ashley S. Bangert, PhD
Graduate Student Supervisor: Omar Carrasco, M.A.
Tasks: assisted with studies examining how event structure of everyday situations impacts people’s perception of time.

FUNDED ROLES

2020 – 2025 **Computer Science Department**, The University of Texas at El Paso
Project: Smart Social Connector: An Interdisciplinary, Collaborative Approach to Foster Social Connectedness in Underserved Senior Populations
National Science Foundation (Grant No. 1952243)
Role: Graduate Research Assistant
Principal Investigator: Natalia Villanueva-Rosales, PhD.
Co-PI: Ashley S. Bangert, PhD., Oscar Mondragon, PhD., Guillermina Nunez-Mchiri, PhD., Kelvin Cheu, PhD.
Tasks: Assist with instrument design, data analysis, and model development for studies investigating the systematic and behavioral factors that increase social and technological connectedness in older adults.

PUBLICATIONS

Cabrera Menendez, Y., Villanueva-Rosales, N., Bangert, A.S., & **Ruiz-Ortiz, C**. (2025). Social Bridges to Technology: Social Influences on Older Adults' Use of Technology. *2025 IEEE International Smart Cities Conference (ISC2)*, 1-6, Patras, Greece. IEEE Xplore Digital Library. doi: 10.1109/ISC266238.2025.11293317

Bangert, A. S., **Ruiz, C**, Becerra, D., Nunez-Mchiri, G. G., Calvo, D. E., Mondragon, O., Cheu, R. L. & Villanueva-Rosales, N. (2022). The use of technology by older adults in El Paso, Texas during COVID-19: Purposes, challenges, and opportunities. *2022 IEEE International Smart Cities Conference (ISC2*), 1-7, Paphos, Cyprus. IEEE Xplore Digital Library. doi: 10.1109/ISC255366.2022.9922423

Bangert, A. S., Nunez-Mchiri, G., Mondragon, O. A., Calvo, D. E., **Ruiz, C**., Escobedo, E., Cheu, R. L. & Villanueva-Rosales, N. (2022). Using technology to teach older adults during the COVID-19 pandemic. *2022 IEEE International Smart Cities Conference (ISC2)*, 1-7, Paphos, Cyprus. IEEE Xplore Digital Library. doi: 10.1109/ISC255366.2022.9922123.

PRESENTATIONS

Ruiz-Ortiz, C. (2024, October). *Gray Hair, Smart Tech, and Elastic Net: Modeling the Digital Age with Regression*. Talk presented in the Department of Psychology Fall 2024 Colloquium Series at the University of Texas at El Paso, El Paso, TX.

Ruiz-Ortiz, C. & Bangert, A.S. (2023, November). *Assessing How Bilingual Experience Impacts Performance in Non-Linguistic Conflict Tasks*. Talk presented at the 64th Psychonomic Society Annual Meeting, San Francisco, CA.

Ruiz-Ortiz, C. & Bangert, A.S. (2023, April). *Exploring the bilingual advantage: assessing variability in selective attention*. Poster presented at the First Annual Symposium on Language and Bilingualism, The University of Texas at El Paso, El Paso, TX

Ruiz-Ortiz, C. & Bangert, A.S. (2022, October). *Exploring the bilingual advantage: assessing variability in selective attention*. Virtual poster presented at the 63rd Psychonomic Society Annual Meeting, Boston, MA.

Ruiz-Ortiz, C. & Bangert, A.S. (2022, October). *Assessing variability in Selective Attention through Stimulus-Stimulus and Stimulus-Response conflict tasks*. Poster presented at the Armadillo Southwest Cognition Conference, Texas A&M University, San Antonio, TX

Ruiz-Ortiz, C. & Bangert, A.S. (2019, October). *Exploring the bilingual advantage: assessing variability in selective attention*. Poster presented at the Armadillo Southwest Cognition Conference, Texas A&M University, San Antonio, TX

Carrasco, O., Flores, S., Cruz, J., Owen, S., **Ruiz-Ortiz, C.,** Bangert, A.S., Kurby, C. (2016, September). *How Crossing Event Boundaries Impacts Perception of Temporal Grouping.* Poster presented at the Armadillo Southwest Cognition Conference, University of Texas at El Paso, El Paso, TX

Certifications

Oct. 2024	Graduate Certificate in Quantitative Methods in Psychology, Department of Psychology at The University of Texas at El Paso, El Paso, TX
June 2023	Google Data Analytics Professional Certificate, Coursera
Feb. 2023	QPR Suicide Prevention Gatekeeper Program, University Counseling Center, The University of Texas at El Paso, El Paso, TX
May 2017	Microsoft Office Specialist Certification, Microsoft Office Excel: Core Data Analysis, Manipulation, and Presentation, Certiport
Nov. 2015	Microsoft Office Specialist Certification, Microsoft Office Excel, Certiport

PROFESSIONAL AFFILIATIONS

2024	Graduate Student Member: American Psychological Association
2022	Trainee Membership: Society for Mathematical Psychology
2022	Graduate Student Member: Psychonomic Society
2015	Student Member: Sigma Alpha Pi, National Society of Leadership and Success

Service

Fall 2022 – 2025	Bilingualism, Language, and Cognition Brown Bag Meetings, Graduate Student Co-Chair, Department of Psychology, The University of Texas at El Paso
Spring 2021	Virtual Graduate Student Panel Q&A, Department of Psychology, California State University

Spring 2020	Graduate Student Panel Q&A, Recruitment Week, Department of Psychology, The University of Texas at El Paso.