

# JONATHAN A. PEDROZA, PhD

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## EDUCATION

### **Doctor of Philosophy (PhD), Prevention Science (2021)**

University of Oregon (UO)

*Specialization:* Data Science for Educators

Committee: Elizabeth L. Budd, PhD, MPH (*Chair*), Atika Khurana, PhD, Nichole R. Kelly, PhD, & Raoul S. Liévanos PhD

*Dissertation Title:* Greater Access to Recreational Resources is Associated with More Leisure-Time Physical Activity Engagement in Counties Across the United States

### **Master of Science (MS), Prevention Science (2020)**

University of Oregon

Advisor: Elizabeth L. Budd, PhD, MPH

### **Master of Arts (MA), Health Psychology (2017)**

California State University, Dominguez Hills (CSUDH)

Advisors: Larry Rosen, PhD & L. Mark Carrier, PhD

*Thesis Title:* Technology's Impact on Psychological Well-Being Independent of Negative Health Impacts in College Students

### **Bachelor of Arts in Psychology (2014)**

California State Polytechnic University, Pomona

*Minor:* Chicana/o and Latina/o Studies

## RELEVANT WORK EXPERIENCE

Data Science Mentor (January 2022 – September 2022)

RStudio

Supervisor: Hadrien Dykiel

- Co-led sessions for cohorts to learn *R*
- Assisted with live debugging code for cohort members' code
- Taught cohort members useful functions with the *Tidyverse*

Lecturer (August 2021 – June 2022)

Psychology Department – Cal Poly Pomona

- Created lectures about topics pertaining to statistics and experimental research design
- Taught students about how to use programs for statistics (*SPSS & R*)
- Administered exams through an online format
- Held office hours to assist students with assignments

Diversity and Inclusion Graduate Employee (2020-2021)

Graduate School – UO

Supervisor: Padma Akkaraju, PhD

- Assisted in the development of advisory groups on improving inclusivity
- Created socials for diverse student populations (e.g., LGBTQIA+, BIPOC, International Students, Promising Scholars)

- Manipulated and organized incoming student data for departments
- Assisted in deciding on the promising scholars for the 2021-2020 academic year

Team Lead & Contact Tracer (2020)

Student Corps to Combat Coronavirus – UO

Supervisors: Angela Long, MPH & Jeffrey Measelle, PhD

- Interviewed potential positive cases of COVID-19
- Managed several contact tracers
- Provided resources for contacts to get necessities during quarantine
- Worked alongside the local public health department to track cases and contacts

Graduate Teaching Assistant (2019-2020)

Family and Human Services – UO

Supervisor: Ellen McWhirter, PhD

- Gave guest lectures
- Graded students' assignments
- Held office hours to assist students with assignments

Graduate Research Assistant (2017-2019)

The Culture and Health Promotion Laboratory – UO

Supervisors: Tasia M. Smith, PhD & Nichole R. Kelly, PhD

- Coordinated a research study in a nearby rural community
- Held focus groups for community members on access to healthy foods
- Assisted in the development of surveys
- Conducted analyses for conference poster presentations

Graduate Assistant (2017)

McNair Scholars Program – CSUDH

Supervisor: Michelle Martinez, EdD

- Created presentations for graduate school preparation
- Provided edits on graduate school materials
- Held meetings with scholars

Graduate Research Assistant (2016)

Book Title: From Smartphones to Social Media: How Technology Affects our Brains and Behavior.

Supervisor: L. Mark Carrier, PhD

- Gathered literature on technology use areas
- Assisted in discussions about direction of chapters

## **TEACHING EXPERIENCE**

Lecturer (Spring 2022)

PSY 4433/A: Experimental Psychology & Activity, Cal Poly Pomona

Lecturer (Spring 2022)

PSY 3307/A: Statistics for Psychology & Activity, Cal Poly Pomona

Lecturer (Fall 2021)

PSY 3307/A: Statistics for Psychology (2 sections) & Activity, Cal Poly Pomona

Invited Panelist (Winter 2021)

FHS 492: *Contemporary Issues in Public Health*, Family and Human Services, UO

Topic: Community-based COVID-19 Prevention & Control Research

Instructor: Elizabeth L. Budd, MPH, PhD

Invited Panelist (Fall 2020)

PREV 633: *Contemporary Issues in Public Health*, Prevention Science, UO

Topic: Community-based COVID-19 Prevention & Control Research

Instructor: Elizabeth L. Budd, MPH, PhD

Invited Guest Lecturer (Winter 2020)

FHS 420: *Research in Human Services*, Family and Human Services, UO

Topic: Experimental Designs

Instructor: Justin Caouette, PhD

Invited Guest Lecturer (Fall 2019)

FHS 328: *Human Development in the Family Context*, Family and Human Services, UO

Topic: Examination of Inequities of Immigrant Families in the United States

Instructor: Bertranna Muruthi, PhD

Invited Guest Lecturer (Fall 2019)

FHS 328: *Human Development in the Family Context*, Family and Human Services, UO

Topic: Transition between Childhood and Adolescence: Middle Childhood

Instructor: Bertranna Muruthi, PhD

Invited Guest Lecturer (Fall 2018)

FHS 215: *Exploring Family and Human Services*. Family and Human Services, UO

Topic: Working with Low Income Rural Populations

Instructor: Kavitha Rao, MEd, MA

Invited Guest Lecturer (Winter 2018)

FHS 420: *Research Methods*. Family and Human Services, UO

Topic: Experiences Using fNIRS Neuroimaging Techniques

Instructor: Emily Tanner-Smith, PhD

Graduate Teaching Assistant (Spring 2017)

UNV 395: *Special Topics*. McNair Scholars Program, CSUDH

Instructor: Michelle Martinez, EdD

- Gave guest lectures
- Graded Assignments
- Held Office Hours

Graduate Teaching Assistant (Spring 2016)

PSY 415 & 416: *Advanced Research Methods in Cognitive Psychology*. Department of Psychology, CSUDH

Instructor: Alex Lim, MA

- Gave guest lectures
- Graded Assignments
- Held Office Hours

Graduate Teaching Assistant (Fall 2015)

PSY 235: *Intro to Research Methods*. Department of Psychology, CSUDH

Instructor: Alex Lim, MA

- Gave guest lectures
- Graded Assignments
- Held Office Hours

Undergraduate Teaching Assistant (Fall 2014)

PSY 455: *Human Sexual Behavior: Relationships*. Department of Psychology, Cal Poly Pomona

Instructor: Alejandro Morales, PhD

- Gave guest lectures
- Held Office Hours

## PUBLICATIONS

Nichols, L. M., Fleming, C. M., **Pedroza, J. A.**, O'Brien, K. M., & Tanner-Smith, E. E. (2022). Psychometric Properties of the Alabama Parenting Questionnaire Among Adolescents with Substance Use Disorder Histories. *Child and Adolescent Social Work Journal*, 1-14.

Nichols, L. M., **Pedroza, J. A.**, Fleming, C. M., O'Brien, K. M., & Tanner-Smith, E. E. (2021). Social-ecological Predictors of Opioid Use among Adolescents with Histories of Substance Use Disorders. *Frontiers in Psychology*, 12.

Rosen, L. D., Carrier, L. M., **Pedroza, J. A.**, Elias, S., O'Brien, K. M., Lozano, J., ... & Ruiz, A. (2018). The Role of Executive Functioning and Technological Anxiety (FOMO) in College Course Performance as Mediated by Technology Usage and Multitasking Habits. *Psicologia Educativa*, 24(1), 14-25.

## PRESENTATIONS

### **National Conferences**

Nichols, L. M., Fleming, C. M., **Pedroza, J. A.**, O'Brien, K. M., & Tanner-Smith, E. E. (August 2020). *Psychometric Properties of the Alabama Parenting Questionnaire Among Adolescents in Recovery from Substance Use*. Poster presented at the American Psychological Association Convention. (Virtual Conference).

Nichols, L. M., Fleming, C. M., **Pedroza, J. A.**, O'Brien, K. M., & Tanner-Smith, E. E. (April, 2020). *Psychometric Properties of the Alabama Parenting Questionnaire Among High-risk Adolescents*. Poster to be presented at the Collaborative Perspectives on Addiction Conference, San Diego, CA. (Poster accepted but conference canceled).

Luther, G., **Pedroza, J. A.**, & Kelly, N. R. (November 2019). *The Role of Perceived Racial Discrimination and Weight Status on Depression Among Latina Women*. Poster presented at The Obesity Society, Las Vegas, NV.

- Pedroza, J. A.** (September 2020). *Examining the Longitudinal Association Between Access to Recreational Resources and Leisure-time Physical Activity Across California*. Virtual presentation at the American Public Health Association Physical Activity Twitter Conference. (<https://twitter.com/PaSectionAPHA/status/1309192269447143425>).
- Pedroza, J. A.**, Kelly, N. R., & Budd, E. L. (November 2019). *Neighborhood Walkability is Associated with Physical Activity in Latinx Adults, Particularly Those with High Acculturation*. Oral presentation accepted at the American Public Health Association Conference, Philadelphia, PA.
- Cahn, A. F., **Pedroza, J. A.**, Terral, H. & Budd, E. L. (November 2019). *Neighborhood Walkability, Physical Activity, and Sedentary Behaviors Examined by Perceived Health Status among Diverse Latinx Adults*. Oral presentation presented at the American Public Health Association, Philadelphia, PA.
- Folger, A. C., **Pedroza, J. A.**, Smith, T. M., Budd, E. L., & Kelly, N. R. (May 2019). *The Impact of Individual-Level Motivators of and Barriers to Healthy Food Choices on Perceived Healthy Food Access in a Rural Community*. Poster accepted for presentation at Society of Prevention Research Conference, San Francisco, California.
- Pedroza, J. A.**, Luther, G. M., Folger, A. C., Smith, T. M., Kelly, N. R., & Budd, E. L. (May 2019). *Smartphone Use as a Moderator of Bicultural Dimensions of Acculturation and Sedentary Behaviors Among a Sample of Latinx Young Adults*. Poster accepted for presentation at Society of Prevention Research Conference, San Francisco, California.
- Pedroza, J. A.**, Folger, A. C., Luther, G. M., & Smith, T. M., Kelly, N. R., & Budd, E. L. (May 2019). *Assessing Nutrition Knowledge in Rural Communities: Examining the Association between Sociodemographic Factors and Nutrition Knowledge*. Poster accepted for presentation at Society of Prevention Research Conference, San Francisco, California.
- Folger, A. C., **Pedroza, J. A.**, Smith, T. M., Budd, E. L., & Kelly, N. R. (August 2019). *Depression and Chronic Health Conditions: Examining Racial Identity as a Moderator*. Poster accepted for presentation at American Psychological Association Convention, Chicago, Illinois.
- Smith, T. M., **Pedroza, J. A.**, Kashani, Y., Kelly, N. R., Budd, E. L., & Giuliani, N. R. (January 2019). *Depressive Symptoms are Associated with Body Mass Index among Young Adults with Higher Education*. Poster to be presented at National Multicultural Conference and Summit, Denver, Colorado.
- Pedroza, J. A.**, Smith, T. M., & Budd, E. L. (July 2018). *Language Competence and Screen-time Sedentary Behaviors are Moderated by Smartphones*. Poster presentation at APA Division 45 Research Conference, Austin, Texas.

## Regional Conferences

- Pedroza, J. A.**, Kelly N. R., & Budd, E. L. (October 2019). *The Association of Neighborhood Walkability and Physical Activity in Differing Levels of Acculturated Latinx Adults*. Oral presentation accepted at the Oregon Public Health Association Conference, Corvallis, OR.
- Lieberman, N., **Pedroza, J. A.**, Elias, S., Jimenez, M., Cheever, N. A., Carrier, L.M., & Rosen, L. D. (April 2017). *The Psychology of New Technologies: Exploring Executive Functioning, Anxiety, Physical Activity, and Time Perception*. Symposium presented at Western Psychological Association Convention, Sacramento, California.
- Lim, A. F., **Pedroza, J. A.**, O'Brien, K., Ceja, L., Jimenez, M., Carrier, L.M., & Rosen, L. D. (April 2016). *Using Functional Near-Infrared Spectroscopy to Examine the Impact of Personal Technology Usage on Executive Functioning*. Symposium presented at Western Psychological Association Convention, Long Beach, California.
- Lim, A. F., **Pedroza, J. A.**, Jimenez, M., Morales, A., Carrier, L.M., & Rosen, L. D. (April 2016). *New Developments in Language Brokering Research Among Latinas/os*. Symposium presented at Western Psychological Association Convention, Long Beach, California.
- Pedroza, J. A.**, Franco, D., Franco, J. A., & Norman, T. J. (April 2016). *Student Satisfaction in International College Students*. Presentation at the Western Decision Sciences Institute, Las Vegas, Nevada.
- Pedroza, J. A.**, Franco, J. A., Franco, D. & Norman, T. J. (April 2016). *Google Glass: The Influence of Recording Interviews on Prefrontal Cortex Activation*. Presentation at the Western Decision Sciences Institute, Las Vegas, Nevada.

### Local Conferences

\*denotes mentored undergraduate students

- Lindsey, M. \*, Smith, T.M., & **Pedroza, J. A.** (May 2018). *Latinx Perceptions of Their Environment: The Examination of Neighborhood Walkability by Region in a National Latinx Sample*. Poster presentation at Undergraduate Research Symposium, Eugene, Oregon.
- Bender, C. \*, Smith, T.M., & **Pedroza, J. A.** (May 2018). *Examining Risk and Protective Factors in the Relationship Between Discrimination Stress and Body Mass Index (BMI) in a Sample of Latinx Adults*. Poster presentation at Undergraduate Research Symposium, Eugene, Oregon.
- Pedroza, J. A.** & Smith, T. M. (May 2018). *The Examination of Smartphone Use as a Moderator on the Association between Acculturation and Sedentary Behaviors*. Poster presentation at Graduate Research Forum, Eugene, Oregon.
- Smith, T. M., Vargas, K., & **Pedroza, J. A.** (February 2018). *Your Health Matters! Understanding Health Inequities in the Latinx Community*. Invited Presentation at Raza Unida Youth Conference, Eugene, Oregon.
- Pedroza, J. A.**, Carrier, L.M., & Rosen, L. D. (February 2017). *The Effects of Media and Technology Use on Psychological Well-Being Independent of Health Habits*. Presentation at Student Research Day, Carson, California.

**Pedroza, J. A. & Rosen, L. D.** (February 2017). *Pokémon GO and Meet People. Examination of Technology's Effect on Physical Activity and Social Connectedness*. Presentation at Student Research Day, Carson, California.

**Pedroza, J. A. & Rosen, L. D.** (February 2016). *Technology and Mental Well-being: A Literature Review Examining Media Use and Health Factors' Effects on Mental Health*. Poster presentation at Student Research Day, Carson, California.

**Pedroza, J. A. & Morales, A.** (March 2014). *Latinos Living with Diabetes: A Content Analysis of Interventions for Self-Management*. Poster presentation at Student Research Conference, Pomona, California.

### **PRESENTATION AWARDS**

- Runner up Best Student Oral Presentation Award (2019) Neighborhood Walkability is Associated with Physical Activity in Latinx Adults, Particularly Those with High Acculturation. – American Public Health Association Conference, Physical Activity Section.
- 1<sup>st</sup> Place Oral Presentation (2017) The Effects of Media and Technology Use on Psychological Well-Being Independent of Health Habits. – CSUDH Student Research Day Conference
- 2<sup>nd</sup> Place Oral Presentation (2017) Pokémon GO and Meet People. Examination of Technology's effect on Physical Activity and Social Connectedness. – CSUDH Student Research Day Conference
- Winning Paper and Poster Presentation (2016) Investigation of the Neural Correlates of Sex and Proficiency Level in Language Brokers: A Pilot Study Using Functional Near-Infrared (fNIR) Spectroscopy. – South Bay Economic Forecast Conference
- 1<sup>st</sup> Place Oral Presentation (2016) Examination of Executive Functioning Behaviors: A Comparison between Light and Heavy Technology Users. – CSUDH Student Research Day Conference
- 1<sup>st</sup> Place Oral Presentation (2016) A Comparison in Prefrontal Cortex Activity between Light and Heavy Technology Users. – CSUDH Student Research Day Conference

### **RESEARCH EXPERIENCE**

Addressing Inequities in the Association Between Access to Recreational Resources and Leisure-time Physical Activity in the United States. Examining Violent Crime Rates as a Moderator (2020-present)

Supervisor: Elizabeth L. Budd, PhD MPH

- Conducted literature review
- Collected and joined county-level data from various public data sources
- Conducted spatial regression techniques

Examining Physical Activity as a Mediator between Neighborhood Walkability and Obesity in a Sample of Latinx Adults (2018-present)

Supervisors: Tasia M. Smith, PhD & Elizabeth L. Budd, PhD MPH

- Conducted literature review
- Formulated design of the study
- Conducted structural equation modeling techniques

- Wrote and edited a draft of the manuscript

Association of Depressive Symptoms and Body Mass Among Young Adults with Higher Education (2017-present)

Supervisors: Tasia M. Smith, PhD & Nichole R. Kelly, PhD

- Conducted literature review
- Conducted regression analyses
- Wrote and edited sections of the manuscript

Are Smartphones Really Mobile Devices? The Examination of Smartphone Use as a Moderator of the Relationship Between Acculturation and Screen-based Sedentary Behaviors in a Diverse Sample of Latinx Adults (2017-2019)

Supervisors: Tasia M. Smith, PhD & Elizabeth L. Budd, PhD MPH

- Conducted literature review
- Conducted regression analyses
- Wrote a draft of the manuscript

Understanding Food Access in Oakridge and other Rural Communities (2017-2019)

Supervisors: Tasia M. Smith, PhD & Nichole R. Kelly, PhD

- Recruited participants
- Led data collection
- Conducted focus groups
- Created relationships with rural communities
- Conducted regression analyses
- Mentored undergraduate lab members

Pokémon GO and Meet Others: Technology's Effect on Physical Activity and Social Connectedness (2016-2017)

Supervisor: Larry Rosen, PhD

- Conducted literature review
- Recruited participants through social media outlets
- Conducted analyses

Differences in Prefrontal Cortex Activation and Executive Functioning Between Light and Heavy Technology Users (2015 – 2017)

Supervisors: Larry Rosen, PhD, L. Mark Carrier, PhD, Alex Lim, MA

- Cleaned neuroimaging data using fNIR Soft
- Analyzed neuroimaging data
- Trained new lab technicians in neuroimaging measures
- Trained new lab technicians in physiological measures
- Created protocols for experiments

How Executive Functioning, Anxiety and Technology Use Impact College Students' Course Performance (2015-2016)

Supervisor: Larry Rosen, PhD

- Assisted in the data collection procedures



- Troubleshoot issues with the data collecting app
- Assisted in conducting analyses
- Mentored undergraduates

Brain Imaging Study of Adult Latinas/os Who Translate (2015 – 2017)

Supervisors: Alejandro Morales, PhD, Alex Lim, MA

- Conducted literature review
- Cleaned neuroimaging data using fNIR Soft
- Analyzed neuroimaging data

Content Analysis of Type 2 Diabetes Interventions for Latinos (2014)

Supervisor: Alejandro Morales, PhD

- Coded articles to examine differences in interventions
- Examined practicality and possible implementation of interventions
- Examined theory involved in interventions

### **HONORS & AWARDS**

- General University Scholarship - \$2,700 (Fall 2020)
- California State University Chancellor's Doctoral Incentive Program (2020-2021)
- Society of Prevention Research ECPN Travel Award (Spring 2019)
- General University Scholarship - \$2,700 (Fall 2018)
- APA Division 45 Conference Travel Award (Summer 2018)
- American Psychological Association's Travel Award (Spring 2018)
- Graduate Research Advancement & Development Grant (Spring 2017)
- Promising Scholar Award (Fall 2017)
- Graduate Equity Fellowship - \$5,000 (Summer 2016)
- Graduate Research Advancement & Development Grant (Spring 2016)

### **SKILLS, TRAINING, & SERVICE**

- American Public Health Association Physical Activity Section Abstract Reviewer (2020)
- Proficiency in R
- APA Advanced Training Institute – Research Methods with Diverse and Ethnic Groups