

Kevin P Rosales

Curriculum Vitae

CONTACT INFORMATION

California State University, San Bernardino
Department of Child Development
5500 University Pkwy
San Bernardino CA, 92407

Email: kevin.rosales@csusb.edu

EMPLOYMENT

California State University, San Bernardino
Assistant Professor, Department of Child Development (August 2023- Present)

California State University, San Bernardino
Adjunct lecturer, Department of Child Development & Department of Psychology (January 2019- May 2023)

EDUCATION

Claremont Graduate University, Claremont, USA

Ph.D. in Applied Cognitive Psychology

August 2023

M.A. in Applied Cognitive Psychology

May 2019

California State University, San Bernardino, USA

B.A. in Psychology

June 2016

B.A. in Child Development

Honors Thesis: "The Effect of Statistics Anxiety on Working Memory"

RESEARCH INTERESTS

My primary research interest is examining the nature of cognitive abilities, such as working memory, executive function, and cognitive control. Specifically, understanding the psychometric structure of these cognitive abilities and their predictability of important real-life outcomes. To further understand the psychometric structure of working memory, my research utilizes network analysis as an alternative to factor analysis as a modeling approach. Additionally, my applied work focuses on testing the effectiveness of computerized cognitive training to enhance working memory in school-aged children. In sum, my research draws on both basic and applied research to address questions related to working memory and other cognitive abilities.

PUBLICATIONS

Navarro-Garcia, E., Hao, H., **Rosales, K.P.**, & Conway, A.R.A. (2023). An item response theory approach to the measurement of working memory capacity. *Behavioral Research Methods*.

Looney, L., Wong, E.H., **Rosales, K.P.**, Rosales, F.L., Tirado, G. (2022). Teacher-perceptions of working memory and executive function improvements following school-day cognitive training. *School Psychology International*.

Wiest, G.M., **Rosales, K.P.**, Looney, L., Wong, E.H., & Wiest, D.J. (2022). Utilizing cognitive training to improve working memory, attention, and impulsivity in school-aged children with ADHD and SLD. *Brain Sciences*, 12, 141.

Rosales, K.P., Snijder, J.-P., Conway, A.R.A., & Gonthier, C. (2022). Working memory capacity and dual mechanisms of cognitive control: An experimental-correlational approach. *Quarterly Journal of Experimental Psychology*, 1-47.

Conway, A. R. A., Kovacs, K., Hao, H., **Rosales, K.P.**, & Snijder, J. P. (2021). Individual differences in attention and intelligence: A united cognitive/psychometric approach. *Journal of Intelligence*, 9(3), 34.

Wiest, D.J., Wong, E.H., Bacon, J.M., **Rosales, K.P.**, & Wiest, G.M. (2020). The Effectiveness of Computerized Cognitive Training on Working Memory in a School Setting. *Applied Cognitive Psychology*, 1-7.

Manuscript Under Review

Reimer, J.F., **Rosales, K.P.**, Sierra, A., Mobly, K., & Rivera, A. (Under Review). *Ocular measures of controlled processing: Examining the role of cue maintenance and working memory capacity in proactive cognitive control.*

Rosales, K.P., Wong, E.H., & Looney, L. (Under Review). *The psychometric structure of executive functions: A satisfactory measurement model? An examination using meta-analysis and network modeling.*

Looney, L., Wong, E.H., **Rosales, K.P.**, Bacon, J.M., & Wiest, D.J. (Under Review). *Supporting learning differences: Effects of cognitive training on cognitive abilities in a school-based sample.*

Manuscripts in preparation

Rosales, K.P., Looney, L., Lugo, E., & Wong, E.H. (in progress). *Examining the efficacy of working memory training in elementary school-aged children.*

CONFERENCE PRESENTATIONS

Hao, H., **Rosales, K.P.**, Snijder, J.P., Kovacs, K., Kane., M.J., & Conway, A.R.A. (2021, September). *Rethinking the relationship of working memory and intelligence: A perspective based on process overlap theory.* Poster presented at International Society for Intelligence Research (remotely).

Rosales, K.P., Snijder, J.P., Conway., A.R.A., & Gonthier., C. (2021, May). *Working memory capacity and dual mechanisms of cognitive control: An experimental-correlational approach.* Poster presented at Association for Psychological Science (remotely).

Rosales, K.P., & Conway, A.R.A (2019, April). Individual differences in working memory and cognitive control. Poster presented at the Western Psychological Association Convention, Pasadena, California.

Younger, C.M., Petty, C.N., **Rosales, K.**, Ochoa-Gomez, M.M., Krzeminski, E.J., Wong, E.H., & Wiest, D.J. (2015, April). Utilizing cognitive training to remediate working memory in school-aged children. Poster presented at the Western Psychological Association Convention, Las Vegas, Nevada.

Reimer, J., Wong, E., Carlos, V., Miller, B.A., Romo, M.R., Selim, M.S. & **Rosales, K.** (2014, November). Utilizing cognitive training to enhance low working memory capacity. Poster presented at the Psychonomic Society Annual Meeting, Long Beach, California.

Miller, B.A., Tsukahara, J., Carlos, V., Romo, M.R., Selim, M.S., **Rosales, K.**, Rivera, Wong, E., Koshino, H., & Reimer, J. (2014, April). Effect of low attentional control on working memory & intelligence. Poster presented at the Western Psychological Association Convention, Portland, Oregon.

TEACHING EXPERIENCE

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|---|-------------|
| Claremont Graduate University | Spring 2023 |
| Teaching Assistant, Course: <i>Cognition</i> | |
| California State University, San Bernardino | Spring 2023 |
| Adjunct lecturer, Course: <i>Cognitive Development</i> | |
| California State University, San Bernardino | Spring 2023 |
| Adjunct lecturer, Course: <i>Introduction to Statistics</i> | |
| Claremont Graduate University, Claremont | Spring 2022 |
| Teaching Assistant, Course: <i>Intelligence</i> | |
| Claremont McKenna College, Claremont | Spring 2022 |
| Teaching Assistant, Course: <i>Introductory Statistics</i> | |
| California State University, San Bernardino | Spring 2022 |
| Adjunct lecturer, Course: <i>Introduction to Psychology</i> | |

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| California State University, San Bernardino Adjunct lecturer, Course: <i>Experimental Psychology Lab</i> | Spring 2022 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Applied Research Methods</i> | Spring 2022 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Introduction to Psychology</i> | Fall 2021 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Experimental Psychology Lab</i> | Fall 2021 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Critical Thinking Through Problem Analysis</i> | Fall 2021 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Introduction to Psychology</i> | Spring 2021 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Introduction to Psychology</i> | Fall 2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Experimental Psychology Lab</i> | Fall 2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Introduction to Psychology</i> | Fall 2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Applied Research Methods</i> | Winter2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Experimental Psychology Lab</i> | Winter2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Critical Thinking Through Problem Analysis</i> | Spring 2020 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Critical Thinking Through Problem Analysis</i> | Fall 2019 |
| California State University, San Bernardino Adjunct lecturer, Course: <i>Critical Thinking Through Problem Analysis</i> | Spring 2019 |
| Pomona College, Claremont Lab Instructor, Course: <i>Introductory Statistics</i> | Fall 2018 |
| Claremont McKenna College, Claremont Teaching Assistant, Course: <i>Introductory Statistics</i> | Fall 2018 |
| Scripps College, Claremont Teaching Assistant, Course: <i>Advanced Statistics</i> | Spring 2018 |
| California State University, San Bernardino Teaching Assistant, Course: <i>Development of Exceptional Children</i> | Fall 2015 |

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| RELEVANT RESEARCH EXPERIENCE |
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| California State University, San Bernardino, USA Psychology Honors Program Honor Student Mentor: Eugene Wong | August 2015-June 2016 |
| California State University, San Bernardino, USA National Institute of Health (NIH) Minority Access to Research (MARC) Program Research Scholar Mentor: Eugene Wong | August 2013-June 2015 |
| Princeton University, New Jersey, USA The Leadership Alliance: Summer Research- Early Identification Program (SR-EIP) Research Scholar Mentor: Dr. Andrew Conway | Summer 2014 |

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| SERVICE |
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| Claremont Graduate University, Claremont, USA Institutional Review Board (IRB) Committee Member | August 2019- August 2022 |
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Student Representative

RELEVANT SKILLS

Proficiency with *R* software for statistical analysis and programming
Proficiency with the SPSS software for statistical analysis
Proficiency with *E-Prime* psychology software tool for programming

PROFESSIONAL ORGANIZATIONS

Psychonomic Society
American Psychological Association (APS)
Western Psychological Association (WPA)
Society for Applied Research in Memory and Cognition (SARMAC)

