Carlos I. Rodriguez

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SKILLS

COMMUNICATION
Public Speaking
Teaching
Technical Report Writing
Fluent in Spanish

PROGRAMMING
Python, JupyterLab, & Spyder
R & RStudio
MATLAB, Bash

STATISTICS & MACHINE LEARNING
Analysis of Variance
Correlation & Regression
Independent Components Analysis
Support Vector Machines

MENTORING
Undergraduates
Graduates
Research Assistants

EDUCATION

PHD, PSYCHOLOGY
Cognition, Brain, & Behavior
University of New Mexico
July 2018 | Albuquerque, NM

MS, PSYCHOLOGY
Cognition, Brain, & Behavior
University of New Mexico
May 2015 | Albuquerque, NM
Thesis passed with distinction

BA, PSYCHOLOGY
Biological Psychology
Western Colorado University
May 2007 | Gunnison, CO

LINKS

LinkedIn:// **carlosivanr**
Github:// **carlosivanr**
Publications:// **MyNCBI**
Personal://
keen-wilson-61a022.netlify.app

EXPERIENCE

MIND RESEARCH NETWORK | Postdoctoral Research Fellow
Mar 2020 – Present | Albuquerque, NM
- Spearheaded two neuroimaging research projects resulting in peer-reviewed publications using network analysis and support vector machine learning
- Developed Bash, MATLAB, Python, and R-based tools for the mangement, processing, and analysis of human fMRI and MEG neuroimaging data
- Drafted and submitted National Institutes of Health grant proposals

UNIVERSITY OF NEW MEXICO | Program Specialist
Mar 2019 – Mar 2020 | Albuquerque, NM
- Managed two teams focused on providing undergraduate academic support
- Reviewed and evaluated cognitive and educational psychology research to develop programming aimed at improving student learning strategies
- Conducted program evaluation leading to accreditation & certification

UNIVERSITY OF TEXAS AT EL PASO | Postdoctoral Fellow
Jun 2018 – Feb 2019 | El Paso, Texas
- Designed and executed animal research experiments to explore the role of stress on learning and memory
- Performed statistical analyses of behavioral data using R and MATLAB
- Composed and delivered research presentations in university and professional conference settings

UNIVERSITY OF NEW MEXICO | Graduate & Research Assistant
Aug 2012 – Jul 2018 | Albuquerque, NM
- Led and collaborated on animal behavior research projects leading to six peer reviewed publications
- Developed computational, data management, processing and statistical analysis procedures using R and MATLAB
- Taught online and face-to-face sections of Introduction to Brain and Behavior
- Collaboratively designed and implemented an undergraduate research mentoring program
- Secured funding from the National Institutes of Health, Ford Foundation, Research Society on Alcoholism, and National Hispanic Science Network
- Composed and delivered research presentations in local and national conference venues

UNIVERSITY OF NEW MEXICO | Student Program Advisor
Oct 2009 – Aug 2012 | Albuquerque, NM
- Provided educational and career guidance to first- and second-year undergraduate students
- Collaboratively planned and implemented a new student orientation program

WESTERN COLORADO UNIVERSITY | Admissions Counselor
Aug 2007 – Aug 2009 | Gunnison, CO
- Recruited in- and out-of-state high school students to WCU
- Delivered oral presentations to prospective students, parents, and counselors
- Reviewed prospective student applications for admissibility