

Daniel L. Larranaga McGough

703 3rd Street, Room 3172, West Lafayette, IN 47907

dlarran@purdue.edu

(626) 354-9574

EDUCATION

- In Progress Ph.D., Neuroscience and Behavior
Purdue University
Area of Concentration: Cognitive Neuroscience, Neurolinguistics
M.S. Thesis Title: “The size bias: Does it exist, and how would we examine it in the brain?”
Advisor: Anne Sereno, Ph.D.
- Aug 2016 - June 2019 Post-Baccalaureate Studies
California State University, Northridge
Area of Concentration: Cognitive Neuroscience, Psycholinguistics
Personal Project Title: “Evaluating the neurological activation during sentence processing in English and Spanish by English monolinguals and early and late Spanish bilinguals”
Advisor: Stefanie Drew, Ph.D.
- Dec 2013 B.A., Linguistics Interdisciplinary: Psychology
California State University, Northridge

RESEARCH EXPERIENCE

- Aug 2019 – Present Sereno Lab – Graduate Student Researcher
Purdue University
- June 2015 – Aug 2019 CSUN Lab Technology Specialist - Visual Information Science at Neuroscience (VISN) Lab
California State University, Northridge
- June 2015 – Aug 2019 CSUN VISN Lab Full Researcher – Professor Stefanie Drew (VISN Lab)
California State University, Northridge
- Jan 2013 – June 2015 CSUN VISN Lab Research Assistant – Professor Stefanie Drew (VISN Lab)
California State University, Northridge

TEACHING & WORK EXPERIENCE

- Aug 2019 – Present Graduate Teaching Assistant (Department of Psychological Sciences)
Purdue University
Courses: Multivariate Statistics, Cognitive Psychology, Introductory Statistics, Cognitive Neuroscience, and Eating Disorders & Obesity
- June 2020 – Dec 2022 Instructor on Record
(Summer 2023 Planned) *Purdue University*
Courses: Cognitive Psychology, and Introductory Statistics for Psychology

- Aug 2018 – Aug 2019 Graduate Data Analyst (Office of Institutional Research)
California State University, Northridge
- Jan 2018 – May 2019 Instructor on Record
California State University, Northridge
Courses: Statistics for Psychology, and Psychological Research Methods
- Jan 2015 – May 2015 Substitute Teacher
Pasadena Unified School District
- Dec 2013 – Aug 2014 Adaptive Skills Therapist
Autism Response Team

PUBLICATIONS & PRESENTATIONS

International Conference Posters

- Larranaga, D**, Minolli, A, Sereno, AB. (2022) “Bigger is better: Resolving conflicting behavioral evidence for semantic size bias in the lexical decision task” Psychological Science 2022, Chicago, Illinois
- Dabby, C, Doty, T, **Larranaga, D**, Morales, R, Gluck, J, Levaton, D, Leitao, MR, Rutchick, AM, Drew, SA. (2019) “Thinking outside the neurotypical box: Synesthesia and creativity” Neuroscience 2019, Chicago, Illinois
- Larranaga, D**, Esquenazi, R, Awad, MF & Drew, SA. (2018) “Grapheme-color synesthetes and inhibitory differences during an anti-saccade task” Neuroscience 2018, San Diego, California
- Delgado, C, Doty, T, **Larranaga, D**, McGinnis, CA, Del Cid, DA, & Drew, SA. (2018) “Evaluating the effects of English second language status on fixation and first-pass skip rates during a continuous reading task” Neuroscience 2018, San Diego, California
- Larranaga, D**, Hackney, BC, Delgado, CY, McGinnis, CA, Kangavary, A & Drew, SA. (2018) “An evaluation of the effects of english second language status on overt attention to different word classes during a continuous reading task” Association for Psychological Science Annual Meeting, San Francisco, California
- Larranaga, D**, Awad, JF, Awad, MF, Del Cid, DA, Gorji, T & Drew, SA. (2017) “Comparing objective measures of oculomotor insufficiencies” Neuroscience 2017, Washington, DC
- Morales, R, Lundqvist, S, Doty, T, **Larranaga, D**, Esquenazi, RB, Rutchick, A & Drew, SA. (2017) “Synesthetes produce different language in creative writing tasks” Neuroscience 2017, Washington, DC
- Doty, T, Esquenazi, RB, **Larranaga, D**, Rutchick, A & Drew, SA. (2017) “Synesthesia and creativity: Looking at association with writing and word tasks” Neuroscience 2017, Washington, DC
- Buenrostro, J, Awad, MF, **Larranaga, D**, Awad, JF, Gorji, T, Morales, R & Drew, SA. (2017) “Tracking the relationship between eye movements and surveys” Neuroscience 2017, Washington, DC
- Larranaga, D**, Awad, MF, Awad, JF, Gorji, T & Drew, SA. (2017) “Keeping things in focus: changes in visual accommodation over reading tasks” Association for Psychological Science Annual Meeting, Boston, Massachusetts
- Esquenazi, R, **Larranaga, D**, Rutchick, A & Drew, SA. (2017) “Synesthetes produce different language in creative writing tasks” Association for Psychological Science Annual Meeting, Boston, Massachusetts
- Awad, JF, Urenda, NB, **Larranaga, D**, Hackney, BC, & Drew, SA. (2016) “Consistently incorrect: potential implicit numerical activation in non-synesthetes” Neuroscience 2016, San Diego, California

Hochman, AS, Awad, JF, Gorji, T, **Larranaga, D** & Drew, SA. (2016) “Eyes Still off the prize: Impact of Visual Discomfort in College Population” Visual Science Society Annual Meeting, St. Pete Beach, Florida

Institutional Conferences, Competitions, and Colloquia

- Minolli, A, **Larranaga, D**, Shanghavi, A, Shamloo, F, Sereno, AB. (2022) “Contacts, concussions, and cognitive control” Psychological Sciences Departmental Undergraduate Research Symposium, West Lafayette, Indiana
- Larranaga, D.** (2019) Synesthesia and lexical choices [PowerPoint Presentation] Neuroscience and Behavior Seminar, Psychological Sciences, Purdue University, West Lafayette, Indiana
- Larranaga, D.** (2019) Neurological Processing of Language by English Monolinguals as Compared to Early and Late Spanish-English Bilinguals [PowerPoint Presentation] CSUNposium Creative Works Symposium, Northridge, California
- Larranaga, D,** Leitao, M, Manavi, R & Reyna, K. (2018) Dear LA: Get well soon [PowerPoint Presentation] CSUN DataJam 2018, Northridge, California
- Larranaga, D.** (2018) Assessing Asthenopia: looking at the eyes and the factors that affect them. [PowerPoint Presentation] CSUNposium Creative Works Symposium, Northridge, California
- Kangavary, A & **Larranaga, D.** (2018) “An Evaluation of the Effects of English Second Language Status on Overt Attention to Word Length During a Continuous Reading Task” CSUNposium Creative Works Symposium, Northridge, California
- McGinnis, C, **Larranaga, D,** Hackney, B, Delgado, C & Kangavary, A (2018) “An Evaluation of the Effects of English Second Language Status on Overt Attention to Different Word Classes During a Continuous Reading Task” CSUNposium Creative Works Symposium, Northridge, California
- Gorji, T, Awad, MF, Awad, JF & **Larranaga, D.** (2017) “Keeping things in focus: changes in visual accommodation over reading tasks” CSUNposium Creative Works Symposium, Northridge, California
- Larranaga, D,** Reyna, K, Leitao, M, Manavi, R & Awad, J. (2017) Saving Our Future Through Observing Our Past: A Predictive Model for Positive Youth Development and Outcomes [PowerPoint Presentation] CSUN DataJam 2017, Northridge, California
- Awad, M, Esquenazi, RB & **Larranaga, D.** (2017) “Keeping an eye on it: observing accuracy of self-reported re-reading rates” CSUNposium Creative Works Symposium, Northridge, California
- Lundqvist, SA, Buenrostro, J, Gorji, T & **Larranaga, D.** (2017) “CISS and VDS scores predicting blink rate” CSUNposium Creative Works Symposium, Northridge, California
- Esquenazi, RB, **Larranaga, D,** Rutchick, AM & Drew, SA. (2017) “Synesthetes produce different language in creative writing tasks” CSUNposium Creative Works Symposium, Northridge, California
- Awad, JF, Ukanis, W, Marin, A, Robinson, AE & **Larranaga, D.** (2014) “Through the eyes of a student” Psi Chi National Honors Society in Psychology Bi-Annual Research Competition Spring 2014, Northridge, California
- Larranaga, D.** (2013) Use of neuroimaging and neuroactivation techniques to advance applied and theoretical linguistic and communications research [PowerPoint Presentation] CSUN Undergraduate Research Symposium 2013, Northridge, California

Manuscripts

- Sereno, A. B., Kon, M., **Larranaga, D.** (In Press). Physiological mechanisms of attention and working memory. In S. Murray Sherman (Ed.), Oxford Research Encyclopedia of Neuroscience. New York and Oxford: Oxford University Press. doi:10.1093/acrefore/9780190264086.013.ORE_NEU-00482.R1

- Larranaga, D.,** & Sereno, A. (2023). Bigger is really better: Resolution of conflicting behavioural evidence for semantic size bias in a lexical decision task. *Quarterly Journal of Experimental Psychology*, 0(0). <https://doi.org/10.1177/17470218231186582>
- del Cid, D. A., **Larranaga, D.**, Leitao, M., Mosher, R. L., Berzenski, S. R., Gandhi, V., & Drew, S. A. (2020). Exploratory factor analysis and validity of the Virtual Reality Symptom Questionnaire and computer use survey. *Ergonomics*, 64(1), 69–77. <https://doi.org/10.1080/00140139.2020.1820083>
- Larranaga, D.**, Doty, T, Leitao, MR, Rutchick, AH, Drew SA. (N.P.) Synesthesia and Language: Differences in Lexical Choice and Use. Manuscript in prep.

HONORS & AWARDS

Feb 2023	David A. Santogrossi Graduate Teaching Instructor Award, <i>Purdue University</i>
Apr 2022	Purdue University Teaching Academy Graduate Teaching Award, <i>Purdue University</i>
Feb 2022	David A. Santogrossi Graduate Teaching Assistantship Award, <i>Purdue University</i>
Jan 2021	John and Joyce Schaeuble Award for Quantitative Approaches to Psychological Science, <i>Purdue University</i>
May 2019	Donald Butler Quantitative Research Award, <i>California State University, Northridge</i>
Oct 2018	Best Reproducibility, <i>DataJam 2018, California State University, Northridge</i>
Nov 2017	Best Use of Outside Resources, <i>DataJam 2017, California State University, Northridge</i>
Nov 2017	Judges Choice Award, <i>DataJam 2017, California State University, Northridge</i>
Apr 2014	Third Place Advanced Research Category, <i>Psi Chi National Honors Society in Psychology Bi-Annual Research Competition Spring 2014, California State University, Northridge</i>

PROFESSIONAL MEMBERSHIPS

2013 – Present	California State University, Northridge Alumni Association
2017 – Present	Society for Neuroscience
2017 – Present	Association for Psychological Science
2016, 2020	Visual Science Society

PROGRAMMING & TECHNOLOGICAL PROFICIENCIES

Statistics:	<i>R, SPSS, STATA</i>
Programming:	Python, Java, HTML5, JavaScript, PHP, Matlab, C#, SQL, MySQL
Office Software:	Excel, Word, PowerPoint, Access, Acrobat, Publisher (& Open Office equivalents)
Team Coordination:	Microsoft Teams, Slack, Discord