

Ashley S. Bangert Curriculum Vitae

OFFICE

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PROFESSIONAL EXPERIENCE

2023 – present	<i>Associate Professor</i> Psychology Department, The University of Texas at El Paso
2014 – 2023	<i>Assistant Professor</i> Psychology Department, The University of Texas at El Paso
2011 – 2014	<i>Research Assistant Professor</i> Psychology Department, The University of Texas at El Paso
2008 - 2010	<i>Post-doctoral Fellow</i> NIA Training Grant (T32 AG000030) Supervisor: Dr. David Balota Psychology Department, Washington University in St. Louis
1999 - 2001	<i>Laboratory Coordinator</i> , Cognitive Development Laboratory Supervisor: Dr. James A. Dixon Psychology Department, College of William & Mary

EDUCATION

2007	Ph.D. in Psychology, Cognition & Perception Cognitive Science/Cognitive Neuroscience Certificate Program University of Michigan, Ann Arbor, MI Dissertation: <i>Mechanisms of Timing Across Tasks and Temporal Intervals</i> Co-Chairs: Patricia A. Reuter-Lorenz and Rachael D. Seidler
2003	M.A. in Psychology, Cognition & Perception University of Michigan, Ann Arbor, MI
1999	B.A. with honors in Psychology, Summa Cum Laude Trinity University, San Antonio, TX

FUNDED GRANT APPLICATIONS

10/20 – 8/25	National Science Foundation (NSF) <i>SCC-IRG Track 2: Smart Social Connector: An Interdisciplinary, Collaborative Approach to Foster Social Connectedness in Underserved Senior Populations</i> Role: Co-PI Project Lead: Natalia Villanueva Rosales; Co-PIs: Oscar Mondragon, Mary Yanez & Araceli Guerra; Senior Personnel: Gina Nunez-Mchiri, Kelvin Cheu & Guadalupe Corral Award Amount: \$1,499,132 Grant No: 1952243
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Link to Press Release: <https://www.utep.edu/newsfeed/campus/utep-and-community-partners-awarded-1.5m-nsf-grant-to-improve-quality-of-life-for-senior-citizens-through-technology.html>

- 7/20 UTEP CARES Funds to Enhance Online Instruction
Funding to upgrade experimental software to enable remote testing capabilities
Award Amount: \$810
- 6/20 – 5/21 UTEP Seed Grant for Interdisciplinary Research and Education (IDRE) Teams (UTEP)
Understanding the Use of Technology in Senior Populations in El Paso during the COVID-19 pandemic
Role: Co-PI
Project Lead: Natalia Villanueva Rosales; Co-PIs: Gina Nunez-Mchiri, Oscar Mondragon & Kelvin Cheu; Collaborator: David Lopez
Award Amount: \$19,675
- 11/18 Psychonomic Society Family Care Grant
Funding to assist with childcare at the Annual Meeting held in New Orleans, LA
Award Amount: \$500
- 5/17-8/17 University of Texas at El Paso College of Liberal Arts Grant Preparation Enhancement Fund, “Inconsistency is Key: Identifying reliable intraindividual variability measures as preclinical markers of Alzheimer’s disease.”
Role: PI
Award Amount: \$3000
- 9/14 – 12/14 University of Texas at El Paso Information Literacy Course Enhancement Grant
Funds awarded to modify my Cognitive Psychology course to implement information literacy training for students.
Role: PI
Award Amount: \$3000
- 7/10 – 6/15 DHS-funded project through the National Center for Border Security and Immigration (NCBSI), “Optimal Practice Schedules for Enhancing Encoding and Long-term Retention of Novel Information in Older Adults”.
Role: PI
Award Amount: \$214,891
Grant No: 2008-ST-061-BS0001-03
- 9/12 – 8/13 UTEP University Research Institute (URI) Award, Office of Research and Sponsored Projects, “The whole world in one’s hands: Using movement and gestures to improve older adults’ associative memory”.
Role: PI
Award Amount: \$5,000

FELLOWSHIPS

- 2006-2007 Rackham Pre-Doctoral Fellowship, University of Michigan
Value: \$25,200 + tuition
- 2002-2006 Graduate Research Fellowship, National Science Foundation
Value: \$30,000 + tuition, annually

HONORS/AWARDS

2006-2007 Dissertation Research Award, American Psychological Association
 2006-2007 Rackham Graduate Student Research Grant, University of Michigan
 2006 Dissertation/Thesis Grant, Dept. of Psychology, University of Michigan

PEER-REVIEWED PUBLICATIONS

Note that * indicates an undergraduate student co-author, + indicates a graduate student co-author.

*Heydarian, N. M., *Hughes, A. S., Morera, O. F., **Bangert, A. S.**, *Heydarian, C. H., Castro, Y. & *Frankowski, S. D. (2024). Process for Developing an Inclusive Behavioral Health Survey with Blind and Low Vision Adults. *International Journal of Multiple Research Approaches*, 15(3),78-86.
<https://doi.org/10.29034/ijmra.v15n3a1>

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.

+Heydarian, N. M., +Hughes, A. S., Morera, O. F., **Bangert, A. S.**, & Frederick, A. H. (2021). Perspectives of Interactions with Healthcare Providers Among Patients Who Are Blind. *Journal of Blindness Innovation and Research*, 11(2). <http://dx.doi.org/10.5241/11-206>

Desjardins, J., **Bangert, A. S.** & *Gomez, N. (2020). What does language have to do with it? The impact of age and bilingual experience on inhibitory control in an auditory dichotic listening task. *Journal of Speech, Language, and Hearing Research*, 63(5), 1581-1594. doi: 10.1044/2020_JSLHR-19-00238

Bangert, A. S., Kurby, C. A., +Hughes, A. S. & +Carrasco, O. (2020). Crossing event boundaries changes prospective perceptions of temporal length and proximity. *Attention, Perception & Psychophysics*, 82, 1459-1472. <https://doi.org/10.3758/s13414-019-01829-x>

Bangert, A. S., Kurby, C. A. & Zacks, J. M. (2019). The influence of everyday events on prospective timing “in the moment”. *Psychonomic Bulletin & Review*, 26(2), 677-684. doi: 10.3758/s13423-018-1526-6
 PMCID: [PMC6426695](https://pubmed.ncbi.nlm.nih.gov/PMC6426695/)

Bangert, A. S. & *Heydarian, N. (2017). Recall and response time norms for English-Swahili word pairs and facts about Kenya. *Behavior Research Methods*, 49(1), 124-171. doi: 10.3758/s13428-015-0701-1

+Lin, Y., **Bangert, A. S.** & Schwartz, A. I. (2015). The Devil is in the details of hand movement: Visualizing transposed-letter effects in bilingual minds. *The Mental Lexicon*, 10(3), 364-389. doi: 10.1075/ml.10.3.03lin

*Szabo, A., **Bangert, A. S.**, Reuter-Lorenz, P. A., & Seidler, R. D. (2013). Physical activity is related to timing performance in older adults. *Aging, Neuropsychology and Cognition*, 20(3), 356-369. doi: 10.1080/13825585.2012.715625
 PMCID: [PMC3528826](https://pubmed.ncbi.nlm.nih.gov/PMC3528826/)

Bangert, A. S. & Balota, D. A. (2012). Keep up the pace: Declines in simple repetitive timing differentiate healthy aging from the earliest stages of Alzheimer's disease. *Journal of the International Neuropsychological Society*, 18, 1-12. doi: 10.1017/S1355617712000860
 PMCID: [PMC3505757](https://pubmed.ncbi.nlm.nih.gov/PMC3505757/)

- Bangert, A. S.**, Abrams, R. A. & Balota, D. A. (2012). Reaching for words and non-words: Interactive effects of word frequency and stimulus quality on the characteristics of reaching movements after response initiation. *Psychonomic Bulletin & Review*, 19, 513-520. doi: 10.3758/s13423-012-0234-x
PMCID: [PMC3685575](#)
- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2011). Dissecting the clock: Understanding the mechanisms of timing across tasks and temporal intervals. *Acta Psychologica*, 136(1), 20-34. doi: 10.1016/j.actpsy.2010.09.006
PMCID: [PMC3019300](#)
- Fling, B. W., Walsh, C. M., **Bangert, A. S.**, Reuter-Lorenz, P. A., Welsh, R. C. & Seidler, R. D. (2011). Differential callosal contributions to bimanual control in young and older adults. *Journal of Cognitive Neuroscience*. doi:10.1162/jocn.2010.21600
PMCID: [PMC3809031](#)
- Bangert, A. S.**, Reuter-Lorenz, P. A., Walsh, C. M., Schachter, A. & Seidler, R. D. (2010). Bimanual Coordination and Aging: Neurobehavioral Implications. *Neuropsychologia*, 48(4), 1165-70. doi: 10.1016/j.neuropsychologia.2009.11.013
PMCID: [PMC2828502](#)
- Dixon, J. A. & **Bangert, A. S.** (2005). From regularities to concepts: The development of children's understanding of a mathematical relation. *Cognitive Development*, 20, 65-86. doi: 10.1016/j.cogdev.2004.12.001
- Gutchess, A. H., Welsh, R. C., Hedden, T., **Bangert, A.**, Minear, M., Liu, L. L., & Park, D. C. (2005). Aging and the neural correlates of successful picture encoding: Frontal activations compensate for decreased medial temporal activity. *Journal of Cognitive Neuroscience*, 17, 84-96. doi: 10.1162/0898929052880048
- Dixon, J. A. & **Bangert, A.** (2004). On the spontaneous discovery of a mathematical relation during problem solving. *Cognitive Science*, 28, 433-449. doi: 10.1016/j.cogsci.2003.12.004
- Dixon, J. A. & **Bangert, A. S.** (2002). The pre-history of discovery: Precursors of representational change in solving gear system problems. *Developmental Psychology*, 38, 918-933. doi: 10.1037/0012-1649.38.6.918
- Dixon, J. A., Deets, J. K., & **Bangert, A.** (2001). The representations of the arithmetic operations include functional relationships. *Memory & Cognition*, 29, 462-477. doi: 10.3758/BF03196397

REVIEW PAPERS / CHAPTERS

- Seidler, R. D., **Bangert, A. S.**, Anguera, J., & Walsh, C. M. (2006, a) Motor Control. Invited review chapter in J. Birren (Ed.), *Encyclopedia of Gerontology* (2nd ed., pp. 228-236). Elsevier Press.
- Seidler, R. D., **Bangert, A. S.**, Anguera, J., & Walsh, C. M. (2006, b). Motor Performance. Invited review chapter in R. Schulz, L. Noelker, K. Rockwood, & R. Sprott (Eds.), *Encyclopedia of Aging* (4th ed., pp. 801-806). Springer Publishing.

GOVERNMENT REPORTS

- National Center for Border Security and Immigration, University of Texas at El Paso. (December, 2012). *Checkpoint Study Final Report*. PI: Eunice Santos, Project team: John Korah, **Ashley S. Bangert**, Christopher Kiekintveld, Kyle Susa, George Cybenko. Eugene Santos & David Sicilia. (227 pages).

National Center for Border Security and Immigration. (October, 2014). *Optimal Practice Schedules for Enhancing Encoding and Long-term Retention of Novel Information in Older Adults* PI: Ashley S. Bangert (33 pages).

MANUSCRIPTS UNDER REVIEW / IN PREPARATION

*Note that * indicates an undergraduate student co-author, + indicates a graduate student co-author.*

Bangert, A. S., Kurby, C. A., *Carrasco, O & Zacks, J. M. *Closing the gate: Encoding eventfulness during prospective timing.* (manuscript submitted; in preparation for new submission).

Villanueva-Rosales, N, *Cabrera Menendez, Y., **Bangert, A. S.**, *Ruiz Ortiz, C, Garnica Chavira, L., & Mondragon Campos, O. Smart Cities Solutions to Connect Older Adults.(*manuscript in preparation for submission*).

Villanueva-Rosales, N, *Cabrera Menendez, Y., **Bangert, A. S.**, *Ruiz Ortiz, C, Garnica Chavira, L., & Mondragon Campos, O. Factors influencing older adults' data-sharing decisions considering personal benefit and others' benefit.(*manuscript in preparation for submission*).

*Carrasco, O., Kurby, C. A. & **Bangert, A. S.** The impact of event boundaries on long-term memory for extra event information. (*manuscript in preparation for submission*).

*Carrasco, O., Kurby, C. A. & **Bangert, A. S.** The impact of language proficiency on situational model updating. (*manuscript in preparation for submission*).

*Ruiz-Ortiz, C., *Ray-Morales, M., *Hernandez, C., *Aguirre, G., *Cabrera Menendez, Y., Mondragon, O. A., Villanueva-Rosales, N, & Bangert, A. S.. Social factors impacting Intentions to Use Technology in Older Adults.(*manuscript in preparation for submission*).

Bangert, A. S., +Heydarian, N. M. & +Hughes, A. S. *Exploring the impact of different schedules of spacing and presentation styles for learning of novel information in older adults.* (manuscript in preparation for submission).

Bangert, A. S., *Barrera, A. & *Pina, A. *Hands off: The influence of self-generated gestures on associative memory.* (manuscript in preparation for submission, a).

Bangert, A. S., *Barrera, A. & *Pina, A. *Functional gestures fail to improve associative memory.* (manuscript in preparation for submission, b).

Bangert, A. S., Landeros, M. & Kendall, M. *Identifying tasks for cognitive empathic design.* (manuscript in preparation for submission)

CONFERENCE PRESENTATIONS / PUBLISHED ABSTRACTS

*Note that * indicates an undergraduate student co-author, + indicates a graduate student co-author.*

Bangert, A. S., +Ruiz, C., *Ray-Morales, M., *Martinez, C., *Aguirre, G. R. Social factors impacting Intentions to Use Technology in Older Adults. Poster to be presented at the biennial meeting of the Society for Applied Research on Memory and Cognition (SARMAC). Naas Co. Kildare, Ireland, (June, 2025).

Bangert, A. S., +Carrasco, O., & Kurby, C. (2024, November). *The impact of language proficiency on situational model updating.* Poster presented at the annual meeting of the Psychonomic Society, New York, NY.

+Ruiz, C. & **Bangert, A. S.** (2023, November). *Assessing How Bilingual Experience Impacts Performance in Non-Linguistic Conflict Tasks.* Talk presented at the annual meeting of the Psychonomic Society, San Francisco, CA.

- *Ray-Morales, M. M., *Martinez, C., *Aguirre, G. R., *Fierro, V., +Ruiz, C., Cheu, R., Mondragon, O. A., Villanueva-Rosales, N., & **Bangert, A. S.** (2023, October). *Older Adults' Use of Modern Technology for Social Connectedness*. Poster presented at the annual ARMADILLO Southwest Cognition Conference, San Marcos, TX.
- *Nelson, C., +Carrasco, O & **Bangert, A. S.** (2022, November). *How event structure affects the processing of extraneous information*. Poster presented at the Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS), Anaheim, CA.
- +Ruiz, C. & **Bangert, A. S.** (2022, November). *Exploring the Adaptability of the Bilingual Mind*. Poster presented virtually at the annual meeting of the Psychonomic Society, Boston, MA.
- +Ruiz, C. & **Bangert, A. S.** (2022, October). *Exploring the adaptability of the bilingual mind: Assessing variability in selective attention through stimulus-stimulus and stimulus-response conflict tasks*. Poster presented at the annual ARMADILLO Southwest Cognition Conference, Stephenville, TX.
- *Rodarte, M., **Bangert, A. S.** & Villanueva-Rosales, N. (2022, October). *The impact of COVID-19 pandemic-driven technology exposure on older adults' perspective of technology use*. Poster presented at the annual Great Minds in STEM conference, Pasadena, CA.
- +Tsuboi, N., **Bangert, A. S.** & Francis, W. S. (2021, November). *The Impact of Gesture on Source Memory*. Poster presented virtually at the annual meeting of the Psychonomic Society.
- Kurby, C. & **Bangert, A. S.** (2021, November). *The psychological present and event segmentation*. Poster presented virtually at the annual meeting of the Psychonomic Society.
- Bangert, A. S.**, *Landeros, M., *Saldivar, J. & Kendall, M. (2021, July). *Simulating cognitive difficulties: a path towards cognitive empathic design*. Poster presented virtually at the biennial meeting of the Society for Applied Research in Memory and Cognition.
<https://www.dropbox.com/s/ou6ivawp4riod2q/SARMAC%20draft%20schedule%2012-07-21%20for%20website.pdf?dl=0>
- +Carrasco, O., **Bangert, A.S.**, & Kurby, C.A. (2021, May). *The influence of bilinguals' non-selective language activation on situational model updating*. Poster presented virtually at the annual meeting of the Association for Psychological Science. https://www.psychologicalscience.org/redesign/wp-content/uploads/2021/05/APS_2021_Virtual_Convention_interactive.pdf
- +Tsuboi, N., **Bangert, A. S.**, & Francis, W. (2021, May). *The mechanism of gesture effects on source memory*. Poster presented virtually at the annual meeting of the Association for Psychological Science. https://www.psychologicalscience.org/redesign/wp-content/uploads/2021/05/APS_2021_Virtual_Convention_interactive.pdf
- *Carrasco, O., **Bangert, A. S.** & Kurby, C. A. (2020, November). *The influence of event boundaries on recognition of outside-event information*. Poster presented virtually at the 61st Annual Meeting of the Psychonomic Society.
https://cdn.ymaws.com/www.psychonomic.org/resource/resmgr/annual_meeting/2020_meeting/2020_abstract_book/ps20_abstracts_11_19_2020.pdf
- *Carrasco, O., **Bangert, A. S.** & Kurby, C. A. (2020, June). *Event-Model Updating Does Not Boost Recall of Concurrent Information*. Poster presented at the annual meeting of the Association for Psychological

Science, Chicago, IL. https://www.psychologicalscience.org/redesign/wp-content/uploads/2020/07/Virtual_Poster_Showcase_booklet_v2-1.pdf (Conference canceled due to COVID-19, but poster presented in a virtual showcase).

*Nicosia, J., **Bangert, A. S.**, Hassenstab, J., Aschenbrenner, A. & Balota, D. A. (2020, April). *Keep up the Pace: Decline in simple repetitive timing is sensitive to Alzheimer's disease Tau accumulation in healthy control individuals*. Poster to be presented at the biennial meeting of the Cognitive Aging Conference, Atlanta, GA. <https://cac.gatech.edu/sites/default/files/images/fullprogram03.04.20.pdf> (Conference canceled due to COVID-19).

Bangert, A. S. & *White, H. G. (2019, November). *Impact of Cross-Modal Information Format and Semantics on Visual Object Recognition*. Poster presented at the annual meeting of the Psychonomic Society, Montreal, QC, Canada.

Bangert, A. S., *Barrera, A., *Bencomo, A. & *Pina, A. (2019, October). *Hands Down: Gesturing impairs associative memory*. Talk presented at the annual Armadillo (Southwest Cognition) Conference, San Antonio, TX.

*Ruiz-Ortiz, C. & **Bangert, A. S.** (2019, October). *Exploring the Bilingual Advantage: Assessing variability in Selective Attention*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, San Antonio, TX.

*White, H. G. & **Bangert, A. S.** (2019, October). *The Effect of Cross-Modal Information Format and Semantics on Object Recognition*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, San Antonio, TX.

Bangert, A. S., *Barrera, A. & *Bencomo, A. (2019, June). *Hands off: The impact of a functional gesture on associative memory*. Poster presented at the biennial meeting of the Society for Applied Research in Memory and Cognition, Cape Cod, MA.

*Brown, J. M., **Bangert, A. S.** & Schwartz, A. I. (2018, November). *Bilingual Language Change Detection: The Role of Orthographic, Phonological and Semantic Overlap in Early Stage Processing*. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.

Bangert, A. S., *Carrasco, O. & Kurby, C. A. (2018, November). *How Event Structure and Relatedness Impact Memory for Extra-Event Words*. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.

Bangert, A. S. (2018, September). *The Impact of Events on Prospective Timing*. Talk presented at the annual Armadillo (Southwest Cognition) Conference, Houston, TX.

*Carrasco, O., *Garcia, D., *Jurado, M. E., *Cebak, N., Kurby, C. A. & **Bangert, A. S.** (2018, September). *The Influence of Event Boundaries on Long-term Memory for Concurrent Information*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, Houston, TX.

*White, H. & **Bangert, A. S.** (2018, September). *The Effects of Congruency on Cross-Modal Visual and Auditory Recognition*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, Houston, TX.

*Brown, J. M., **Bangert, A. S.** & Schwartz, A. I. (2017, November). *Bilingual Language Identification of Written Words: The role of Orthographic and Semantic Cues*. Poster presented at the Annual Meeting of the Psychonomic Society, Vancouver, BC, Canada.

Bangert, A. S., *Barrera, A., *Rodriguez, H., *Tellez, G. & *Bencomo, A. (2017, November). *Hands Off: Gesturing Interferes with Associative Memory*. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, BC, Canada.

- *Baltazar, A. B. & **Bangert, A. S.** (2017, October). *Enhancing Attention at Specific Moments in Time*. Poster presented at the annual Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) National Diversity in STEM conference, Salt Lake City, UT.
- +Carrasco, O., **Bangert, A. S.** & Kurby, C. (2017, October). *Everyday Memory: The Impact of Event Boundaries on Verbal Memory*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, College Station, TX. ***Winner of the outstanding poster award***
- +White, H. G., **Bangert, A. S.** & Balota, D. A. (2017, October). *Continuous Tapping Reveals Differences Between Healthy Aging and Very Mild Dementia of the Alzheimer's Type*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, College Station, TX.
- Bangert, A. S.** & Coane, J. (2016, November). *The Impact of Cross-Modal Attention Entrainment on Visual Gap Detection in Older Adults*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- Bangert, A. S.** (2016, September). *How Entrainment of Attention Impacts Selective Attention in Older and Younger Adults*. Talk presented at the annual Armadillo (Southwest Cognition) Conference, El Paso, TX.
- +Carrasco, O., *Flores, S., *Cruz, J, *Owen, S., *Ruiz, C. & **Bangert, A. S.** (2016, September). *How Crossing Event Boundaries Impacts Perception of Temporal Grouping*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, El Paso, TX.
- +Penalver, R. M., *Flores, S., **Bangert, A. S.** & Francis, W. S. (2016, September). *The Effects of Language Proficiency and Word Frequency on Timing in Bilinguals*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, El Paso, TX.
- *Rodriguez, H., *Barrera, A, *Tellez, G. & **Bangert, A. S.** (2016, September). *Do the Hands Have It? The Influence of Gestures on Associative Memory in Older and Younger Adults*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, El Paso, TX.
- Bangert, A. S.**, *Carrasco, O. & Kurby, C. (2016, May). *Bound together: Crossing event boundaries alters perception of temporal grouping*. Talk presented at the International Meeting of the Psychonomic Society, Granada, Spain.
- Bangert, A. S.**, *Rodriguez, H., *Ramos, L. & *Soto, I. (2016, May). *The Impact of Meaningful Gestures on Associative and Item Memory*. Talk presented at the International Meeting of the Psychonomic Society, Granada, Spain.
- Bangert, A. S.** (2016, March). *Service Learning and the Scientific Method: Engaging with the Community through Research*. Roundtable talk presented at the annual meeting of the Sun Conference on Teaching and Learning, El Paso, TX.
- Bangert, A. S.**, *Esparza, A., *Montellano, R. & *Vera, A. (2015, November). *Using temporal expectancies to drive visual selective attention*. Poster presented at the annual meeting of the Psychonomic Society, Chicago, IL.
- Bangert, A. S.** (2015, October). *The impact of attention entrainment on a complex visuospatial Stroop task*. Talk presented at the annual Armadillo (Southwest Cognition) Conference, Waco, TX.
- +Carrasco, O., Kurby, C. & **Bangert, A. S.** (2015, October). *Bound together: Crossing event boundaries alters perception of temporal grouping*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, Waco, TX.
- Bangert, A. S.**, *Hughes, A. & *Heydarian, N. (2015, March). *Education in the golden age: the impact of different schedules of distributed practice and encoding variability on older adult learning*. Poster presented

at the inaugural meeting of the International Conference on Psychological Science, Amsterdam, The Netherlands.

Hill, N., **Bangert, A. S.**, Weber, R. J. & Lopez, S. (2015, March). *Information literacy in the social sciences*. Talk presented at the annual Sun Conference on Teaching and Learning, El Paso, TX.

Bangert, A. S., *Hughes, A. & *Heydarian, N. (2015, February). *Exploring the impact of different schedules of spacing and presentation styles for learning of novel information in older adults*. Poster presented at the biannual meeting of Learning & The Brain Conference, San Francisco, CA.

Bangert, A. S., *Harris, J. (2014, November). *Feeling the Beat: Does Building Auditory Expectancies Improve Complex Visual Attention?* Poster presented at the annual meeting of the Psychonomic Society, Long Beach, CA.

*Lin, Y., **Bangert, A. S.** & Schwartz, A. I. (2014, November). *Moving Hand Reflects Bilingual Transposed Letter Effects*. Poster presented at the annual meeting of the Psychonomic Society, Long Beach, CA.

*Lin, Y., **Bangert, A. S.** & Schwartz, A. I. (2014, October). *Reading in Motion: Hand Movements Reveal Bilingual Transposed Letter Effects*. Poster presented at the 9th International Conference on the Mental Lexicon, Montreal, Canada.

Bangert, A. S., *Hughes, A. & *Heydarian, N. (2014, May). *Investigating the Ideal Schedules and Conditions to Facilitate Older Adult Learning*. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.

Bangert, A.S. & *Hernandez, J. M. (2014, April). *The impact of meaningful and self-generated gestures on associative memory in older adults*. Poster presented at the biennial Cognitive Aging Conference, Atlanta, GA.

Bangert, A.S., *Heydarian, N.M., *Hughes, A. S. & *Edwards, Kimberly. (2013, November). *The role of 1000 ms when crossing timescales*. Poster presented at the annual meeting of the Psychonomic Society, Toronto, Ontario.

Bangert, A.S., Francis, W. S., *Hernandez, Juan. M. & *Edwards, Kimberly. (2013, May). *The role of attention in bilingual processing of high and low frequency words*. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.

Bangert, A.S., *Heydarian, N.M. & *Hughes, A. S. (2013, May). *The Benefits of Retrieval Practice and Spacing on Older Adults' Memory for Facts and Foreign Language Vocabulary*. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.

Reed-Jones, R. Dorgo, S. & **Bangert, A.** (2013, May). *Exercise Increases Visual Cognition in Older Adults*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.

Bangert, A. S., Dorgo, S., Reed-Jones, R. J., *Heydarian, N., Montes, R. & *Bulusu, C. S. (2012, November). *Impact of a 12-week Fitness Training Program on Associative Memory and Attentional Control Processes in Older Adults*. Poster presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.

Bangert, A. S. (2012, October). *To Space and Beyond: Optimal Conditions of Practice for Older Adult Learning of Novel Facts*. Talk presented at the annual Armadillo (Southwest Cognition) Conference, Laredo, TX.

*Heydarian, N., *Hughes, A. & **Bangert, A. S.** (2012, October). *Space Matters: Older Adult Foreign Language Learning*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, Laredo, TX.

- *Hughes, A., **Bangert, A. S.** & Kurby, C. (2012, October). *The Influence of Event Boundaries on Memory for Temporal Durations*. Poster presented at the annual Armadillo (Southwest Cognition) Conference, Laredo, TX.
- Dorgo, S., **Bangert, A. S.**, Reed-Jones, R. J. & *Bulusu, C. S. (2012, July). Fitness Improvements in Older Adults Exercising at Different Times of Day. Poster presented at the annual meeting of the National Strength and Conditioning Association, Providence RI.
- Reed-Jones, R., Dorgo, S., **Bangert, A.** & *Bulusu, C. S. (2012, June). *Improvement in Visual Attention and Obstacle Avoidance with Visual Training on the Nintendo Wii*. Poster presented at the annual meeting of the Canadian Biomechanics Society, Vancouver, BC.
- Bangert, A. S.**, *Heydarian, N. & *Hughes, A. (2012, April). *Optimal Schedules and Conditions of Learning for Older Adult Recall of Facts and Foreign Language Vocabulary*. Poster presented at the biennial Cognitive Aging Conference, Atlanta, GA.
- *Bulusu, C., Dorgo, S., Reed-Jones, R. J. & **Bangert, A. S.** (2012, March). Physical and functional fitness changes in older adults in response to a traditional training program and a Wii enhanced training program. Poster presented at the annual meeting of the Texas Chapter of the American College of Sports Medicine, Austin, TX.
- Bangert, A. S.** & Balota, D. A. (2011, November). *Ex-Gaussian analyses of age-related changes in two implicit learning tasks*. Poster presented at the annual meeting of the Psychonomic Society, Seattle, WA.
- Bangert, A. S.**, *Hughes, A. & *Heydarian, N. (2011, September). *Crossing timescales: Is there something special about 1 second?* Poster presented at the annual Armadillo Conference, Commerce, TX.
- Bangert, A. S.**, Kurby, C. A., Zacks, J. M., Deng, A. & Bryant, J. E. (2010, November). *Eventful Experience Speeds Up Time*. Paper presented at the annual meeting of the Psychonomic Society, St. Louis, MO.
- Bangert, A.S.**, Abrams, R. A. & Balota, D. A. (2010, April). *Reaching for Words and Non-Words: Age-Related Differences Revealed in Movement Dynamics*. Poster presented at the biennial Cognitive Aging Conference, Atlanta, GA.
- Bangert, A. S.**, Missuk, J. I. & Balota, D. A. (2009, November). *Changes in a simple temporal reproduction task in healthy aging and early stage Alzheimer's disease*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- Fling, B. W., Walsh, C. M., **Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2009, October). *Differential Callosal Contributions To Bimanual Coordination in Young and Older Adults?* Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.
- Bangert, A. S.**, Missuk, J.I. & Balota, D. A. (2009, March). *Temporal reproduction as an early marker of Alzheimer's Disease*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2008, November). *Tick. Tock. Describing the clock: Mechanisms of temporal reproduction and discrimination across milliseconds and seconds*. Poster presented at the annual meeting of the Psychonomics Society, Chicago, IL.
- Fling, B. W., Walsh, C. M., **Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2008, November). *Neural correlates of complexity on a motor tapping task*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
- Szabo, A. N., **Bangert, A. S.** & Seidler, R. D. (2008, March). *Physical activity as a mediator of age-related*

changes in temporal reproduction. Poster presented at the annual meeting of the Society for Behavioral Medicine, San Diego, CA.

- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2007, November). *How many clocks?: Mechanisms of temporal reproduction and discrimination across milliseconds and seconds.* Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2007, March). *Does a common scalar mechanism control timing across the range of milliseconds to seconds for both temporal reproduction and discrimination?* Poster presented at the annual meeting of the Neural Control of Movement Society, Seville, Spain.
- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2006, October). *Mechanisms of temporal reproduction and discrimination across sub- and supra-second durations.* Poster presented at the annual meeting of the Society for Neuroscience, Atlanta, GA.
- Bangert, A. S.**, Reuter-Lorenz, P. A. & Seidler, R. D. (2006, April). *Temporal reproduction and discrimination across sub- and supra-second durations: Modeling the breakpoint.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Quinn-Walsh, C.M., **Bangert, A.S.**, Goble, D.J., Boonin, A.E., Noll, D.C., Reuter-Lorenz, P.A. & Seidler, R.D (2006, April). *Age-related changes in brain recruitment patterns for unimanual and bimanual motor control.* Poster presented at the 5th Annual Symposium and Poster Presentations, Institute of Gerontology, Wayne State University, Detroit, MI.
- Walsh, C.M.Q., **Bangert, A.S.**, Goble, D.J., Boonin, A.E., Noll, D.C., Reuter-Lorenz, P.A. and Seidler, R.D (2005, April). *Age-related brain activation changes on a unimanual and bimanual tapping task.* Poster presented at the 4th Annual Symposium and Poster Presentations, Institute of Gerontology, Wayne State University, Detroit, MI.
- Bangert, A. S.**, Walsh, C. M., Boonin, A. E., Anderson, E., Goble, D. J., Reuter-Lorenz, P. A., & Seidler, R. D. (2004, October). *The effects of aging on discrete and continuous motor coordination.* Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Quinn-Walsh, C. M., Goble, D. J., **Bangert, A. S.**, Boonin, A. E., Noll, D. C., Reuter-Lorenz, P. A. & Seidler, R. D. (2004, October). *Neural correlates of age-related changes in unimanual and bimanual coordination.* Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Bangert, A. S.**, Walsh, C. M., Boonin, A. E., Anderson, E., Goble, D. J., Reuter-Lorenz, P. A., & Seidler, R. D. (2004, April). *Age and bimanual motor coordination: Implications for callosal declines.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Walsh, C. M., Goble, D., J., **Bangert, A. S.**, Boonin, A. E., Noll, D. C., Reuter-Lorenz, P. A., Seidler, R. D. (2004, April). *Motor control and aging: Neural indicators of compensation and decline.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Bangert, A. S.**, Glass, J. M., Welsh, R. C., Crofford, L. J., Taylor, S. F., & Park, D. C. (2003, November). *Functional Magnetic Resonance Imaging of Working Memory in Fibromyalgia.* Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.
- Gutchess, A. H., Welsh, R. C., **Bangert, A.**, Minear, M., Hedden, T., Liu, L. L., & Park, D. C. (2003, November). *Age differences in neural activations for remembered versus forgotten scenes.* Paper presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.
- Bangert, A. S.**, Glass, J. M., Welsh, R. C., Crofford, L. J., Taylor, S. F., & Park, D. C. (2003, October). *Functional Magnetic Resonance Imaging of Working Memory in Fibromyalgia.* Poster presented at the annual meeting of the American College of Rheumatology, Orlando, FL.

Gutchess, A.H., Welsh, R.C., **Bangert, A.**, Minear, M., Liu, L., Hedden, T., & Park, D.C. (2003, March). *Aging and the Neural Correlates of Successful Encoding of Pictures*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.

Dixon, J. A., **Bangert, A. S.**, & Tillman, B. (2001, October). *The development of mathematical problem solving: Effects of changing the representation of mathematical operations*. Poster presented at the annual meeting of the Cognitive Development Society, Virginia Beach, VA.

Dixon, J. A. & **Bangert, A. S.** (2001, April). *The introduction of rational numbers changes the process of mathematical problem solving*. Poster presented at the annual meeting of the Society for Research in Child Development, Minneapolis, MN.

Bangert, A. S. & Dixon, J. A. (2000, June). *Processes underlying the discovery of new representations in problem solving*. Poster presented at the annual meeting of the American Psychological Society, Miami Beach, FL.

Bangert, A. S. & Dixon, J. A. (1999, April). *Does variability drive cognitive change?* Paper presented at the annual meeting of the Southwestern Psychological Association, Albuquerque, NM.

LOCAL PRESENTATIONS AND CONFERENCES

*Note that * indicates an undergraduate student co-author, + indicates a graduate student co-author.*

*Nelson, C. & **Bangert, A. S.** (2024, August). The Influence of Temporal Relevance on How We Use Events to Keep Track of Time. Poster presented at the Summer undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX..

*Nelson, C. & **Bangert, A. S.** (2024, April). The Influence of Temporal Relevance on How We Use Events to Keep Track of Time. Poster presented at the Spring undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX.

*Calvo, D., *Ruiz, C., *Becerra, D., *Contreras, B., Nunez-Mchiri, G., Villanueva-Rosales, N., Mondragon, O., Cheu, R. & **Bangert, A. S.** (2021, August). *Investigating the Impact of COVID- 19 on Older Adults' Use of Technology and their Access to Services at Senior Centers in El Paso*. Poster presented at the Summer undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX..

*Soto, I., **Bangert, A. S.** & Kendall, M. (2019, August). *Identifying Tasks to Create a Cognitive Empathic Experience*. Poster presented at the Summer undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX..

*Barrera, A., *Bencomo, A., & **Bangert, A. S.** (2018, April). *The Impact of Meaning and Gesture on Associative and Item Memory Performance*. Poster presented at the Spring undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX..

*Ornelas, L. & **Bangert, A. S.** (2017, August). *Tracking Changes in Attention with the Eyes*. Poster presented at the Summer undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX..

*Rodriguez, H. *A., Barrera, A., *Tellez, G. & **Bangert, A. S.** (2016, August). *The Effects of Gestures on Associative Memory in Older Adults*. Poster presented at the Summer undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX.

*Perez, A. & **Bangert, A. S.** (2016, April). *Expectation in Complex Visual Attention: The role of Aging and Attending on Time*. Poster presented at the Spring undergraduate COURI Symposium, University of Texas at El Paso, El Paso, TX.

*Carrasco, O., Kurby, C. & **Bangert, A. S.** (2015, November). *Crossing Event Boundaries Alters Perception of*

Temporal Grouping. Poster presented at the annual Graduate student Research Exposition, University of Texas at El Paso, El Paso, TX.

*Heydarian, N. M., *Hughes, A. S. & **Bangert, A. S.** (2014, November). *Enhancing Memory for Facts and Foreign Language Vocabulary in Older Adults*. Poster presented at the annual Puentes Graduate Research Exposition, University of Texas at El Paso, El Paso, TX.

*Alvidrez, A. V., Dorgo, S. & **Bangert, A. S.** (2014, April). Differences in Self-Efficacy and Motivations to Exercise in Resistance Trained and Untrained Younger Adults. Poster presented at the Spring COURI Symposium.

*Heydarian, N., *Hughes, A. & **Bangert, A. S.** (2013, November). *The search for optimal learning conditions for boosting vocabulary and fact memory in older adults*. Poster presented at the Annual Graduate Research Expo, University of Texas at El Paso, El Paso, TX.

*Noh, H. & **Bangert A. S.** (August, 2013). *Aging & the U.S. Naturalization Exam: Finding Optimal Conditions of Practice for Boosting Older Adult Learning and Recall*. Poster presented at the annual NCBSI Homeland Security Summer Scholars Academy Poster Contest.

*Heydarian, N., *Hughes, A. & **Bangert, A. S.** (2012, October). *Space Matters: Older Adult Foreign Language Learning*. Poster presented at the annual Puentes Graduate Research Symposium, University of Texas at El Paso, El Paso, TX.

*Holguin, M. & **Bangert A. S.** (August, 2012). *Aging & the U.S. Naturalization Exam: Finding Optimal Conditions of Practice for Boosting Older Adult Learning and Recall*. Poster presented at the annual NCBSI Homeland Security Summer Scholars Academy Poster Contest. **Poster contest winner.**

*Luna, J. J. & **Bangert A. S.** (August, 2011). *Aging & the U.S. Naturalization Exam: Finding Optimal Conditions of Practice for Boosting Older Adult Learning and Recall*. Poster presented at the annual NCBSI Homeland Security Summer Scholars Academy Poster Contest. **1st place winner.**

Bangert A. S. (April, 2011). *Understanding How Timing Breaks Down in the Face of Aging and Disease and Its Links to the Perception of Everyday Events*. UTEP Colloquium series in Psychology, El Paso, TX.

Bangert A. S. (October, 2010). *To play or not to play? The impact of different types of game training on older adults' cognitive performance*. Washington University Aging and Development Brown Bag. St. Louis, MO.

Bangert A. S. (March, 2010). *Reaching for Words and Non-Words: Age-Related Differences Revealed in Movement Dynamics*. Washington University Brain, Behavior and Cognition Colloquium. St. Louis, MO.

Bangert A. S. (October, 2009). *Changes in a Simple Temporal Reproduction Task in Healthy Aging and Early Stage Alzheimer's Disease*. Washington University Aging and Development Brown Bag. St. Louis, MO.

Bangert A. S. (February, 2009). *Temporal reproduction as an early marker of Alzheimer's disease*. Talk presented at the 5th annual Washington University Post-Doctoral Scientific Symposium. St. Louis, MO.

Bangert A. S. (October, 2008). *Tick! Tock! Describing the clock: Mechanisms of temporal reproduction and discrimination across milliseconds and seconds*. Washington University Brain, Behavior and Cognition Colloquium. St. Louis, MO.

Bangert A. S. (September, 2008). *Is it all in the timing? The role of aging and dementia in temporal reproduction of short and long time intervals*. Washington University Aging and Development Brown Bag. St. Louis, MO.

Bangert A. S. (June, 2008). *Tick. Tock. Describing the clock: Mechanisms of temporal reproduction and*

discrimination across milliseconds and seconds. Talk presented at the Show Me Mental State Conference on Cognition. University of Missouri, Columbia, MO.

Bangert A. S. (April, 2007). *Tick, tock, how many clocks? Timing in Perceptual and Motor Tasks.* University of Michigan Cognition and Perception Forum. Ann Arbor, MI.

Bangert A. S. (March, 2006). *Mechanisms of timing across tasks and temporal intervals.* University of Michigan Cognition and Perception Forum. Ann Arbor, MI.

Bangert A. S. (March, 2004). *The effects of aging on the temporal dynamics of discrete repetitive and continuous bimanual movements.* University of Michigan Cognition and Perception Forum. Ann Arbor, MI.

INVITED PRESENTATIONS

October, 2022. *It's About Time to Bridge the Divide.* Invited Talk presented at Psychology Department Cognitive Area Colloquium Series, New Mexico State University, Las Cruces, NM.

September, 2022. *It's About Time to Bridge the Divide.* Talk presented at the Psychology Department Colloquium Series, UTEP, El Paso, TX.

November, 2016. *Entraining Attention in Stroop Tasks: Does Expectation Reduce Interference?* Talk presented at the Biological Science Seminar Series at UTEP, El Paso, TX.

October, 2016. *Entraining Attention in Stroop Tasks: Does Expectation Reduce Interference?* Talk presented at the Fall Psychology Colloquium Series at North Dakota State University, Fargo, ND.

COMMUNITY PRESENTATIONS

August, 2022. *Connectedness – Understanding The Value of Bridging the Digital Divide for Older Adults.* Aging in Texas Conference hosted by the Area Agency on Aging, El Paso, TX. (Co- presented with Natalia Villanueva-Rosales, Ph.D., and Mary Yanez).

October, 2019. *Life After Trinity.* Trinity University Psychology Department Alumni Panel, San Antonio, TX

June 2015. *Cognition and Aging.* Brownbag Presentation. UTEP Osher Lifelong Learning Institute, El Paso, TX

April 2014. *Aging and Cognition in the 21st Century.* Foster Grandparent Program, El Paso, TX.

May 2013. *Aging & Cognition in the 21st Century.* El Paso Parks and Recreation Senior Centers Directors Meeting. El Paso, TX.

November 2012. *Aging and Cognition in the 21st Century.* UTEP Osher Lifelong Learning Institute, El Paso, TX.

May 2012. *Aging and Cognition in the 21st Century.* Westside Welcome Committee Monthly Luncheon, El Paso, TX. (Co-presented with Nazanin Heydarian).

March 2012. *Aging and Cognition in the 21st Century.* UTEP Osher Lifelong Learning Institute, El Paso, TX.

February 2012. *Aging and Cognition in the 21st Century.* Westside YMCA, El Paso, TX.

AD HOC REVIEWER

Acta Psychologica

Aging, Neuropsychology & Cognition

Attention, Perception & Psychophysics

Behavior Research Methods
 Bilingualism, Language & Cognition
 Brain Research
 Brain Research Bulletin
 Cognition
 Collabra
 Contemporary Educational Psychology
 European Journal of Cognitive Psychology
 Experimental Brain Research
 Frontiers in Psychology
 International Journal of Exercise Science
 Journal of Applied Research in Memory & Cognition
 Journal of Experimental Psychology: General
 Journal of Experimental Psychology: Learning, Memory & Cognition
 Journal of Motor Behavior
 Memory & Cognition
 Neuropsychologia
 Neuropsychology
 Neuroscience Letters
 PLOS One
 Psychonomic Bulletin & Review
 Psychology & Aging
 Quarterly Journal of Experimental Psychology
 Reviews in the Neurosciences
 The Journal of Cognitive Neuroscience
 The Journal of Neuroscience
 Timing & Time Perception

GRANT REVIEWS

National Science Foundation – ad hoc reviewer

COMMUNITIES OF PRACTICE (UTEP)

Community of Engaged Scholars
 Community of Practice on Aging
 Scientific Research on Bilingualism
 Smart Cities

PROFESSIONAL AFFILIATIONS

American Psychological Association

- Division 2 - Society for the Teaching of Psychology
- Division 3 – Experimental Psychology
- Division 20 - Adult Development & Aging

 American Psychological Society
 ARMADILLO (Association for Research on Memory, Attention, Decision-Making, Intelligence, Language, Learning, and Organization)
 Psychonomic Society Member
 Society for Applied Research in Memory & Cognition
 Women in Cognitive Science

UNIVERSITY / PROFESSIONAL SERVICE

Dec. 2024 Psychology Department Honors Ceremony Committee Member and Event Host, Psychology Department, UTEP

Sept. 2023 – present Co-Chair of Mama Academic group, UTEP

Sept. 2023 – present	Undergraduate Program Committee Member, Psychology Department, UTEP
Fall 2023	Faculty Senate Alternate Representative, Psychology Department, UTEP
Spring 2023	Colloquium Co-coordinator, Psychology Department, UTEP
2019 - present	SONA Research Participation Coordinator, Psychology Department, UTEP Supervised Graduate Student Sona Administrators [Manal Aboargob (Fall 2021 – present) & Liam Gleason (Fall 2019 – Fall 2021)]
2018 - present	Bilingualism, Language and Cognition Area Committee, Psychology Department, UTEP
July 2020 - Dec. 2020	Healthy Aging Center Workgroup, UTEP (Crafted proposal to use space owned by UTEP to create a Healthy Aging Center)
May 2020 – Dec. 2020	College of Liberal Arts Research Committee, UTEP (serving on IRB subcommittee and Accessibility & Technology Subcommittee)
Fall 2016	Coordinator, Committee for Faculty Advancement and Retention Department of Psychology, UTEP
Spring 2016	Language Acquisition and Bilingualism Faculty Search Committee Member
February, 2016	Faculty Liaison – 21 st Century Scholars Program, UTEP
August, 2015	Faculty reviewer – Dodson Graduate Award
March, 2015	Successful Doctoral Student Mentoring RoundTable (participant) UTEP Graduate School El Paso, TX
2014 – 2016	SACS-COC Committee Member, Psychology Department, UTEP
2013 - 2019	Undergraduate Program Committee Member, Psychology Department, UTEP
2011 – 2017	Social, Cognitive, and Neuroscience Area Committee, Psychology Department, UTEP
Summer 2014	Judge for NCBSI Homeland Security Summer Scholars Academy Poster Session
2012	Faculty mentor, UTEP Faculty-Student Mentoring Program
May, 2012	Psychology Department Coordinator. Opportunity Nation, UTEP

CONFERENCES AND WORKSHOPS HOSTED

June 2017	Community Engagement Workshop on Aging Co-Organizer Psychology Department & Speech Language Pathology Program, UTEP El Paso, TX
September 2016	Armadillo Southwest Cognition Conference Co-Organizer Psychology Department, UTEP El Paso, TX

November, 2015 Service Learning Workshop: Linking service learning to labs, online learning and scholarship
 Co-host
 UTEP Center for Community Engagement
 El Paso, TX

PROFESSIONAL DEVELOPMENT ACTIVITIES

Jan., 2025 NSF Smart and Connected Communities (S&CC) Program Webinar
 Virtual Workshop

Fall 2022-
 Summer 2023 NIH Jumpstart Grant Development Program
 UTEP & UNTHSC
 Cohort 4 Fellow

July, 2021 Blackboard Ultra Training
 UTEP, Information Technology
 Virtual Workshop

April, 2021 NSF Funding Opportunities for Social, Behavioral & Economic Sciences Researchers
 National Science Foundation
 Virtual Webinar

April, 2021 NSF Smart & Connected Cities Principal Investigator Meeting
 National Science Foundation
 Virtual Meeting

March, 2021 Documenting Your Research Scholarship & Creative Activities
 UTEP, Ann Gates, Vice Provost for Faculty Affairs
 Virtual Webinar

February, 2021 Teaching Online Academy
 UTEP, Information Technology
 Virtual Course

January, 2021 Gradescope: Grading Paper-Based and Handwritten Assignments
 UTEP, information Technology
 Virtual Workshop

December, 2020 NIA Director's Regional Meeting
 National Institute on Aging (NIH)
 Discussion of Upcoming Funding Priorities
 Virtual Meeting and Workshop

November, 2020 RCCN Workshop: Life Course Perspectives on Aging
 Research Centers Collaborative Network
 National Institute on Aging (NIH)
 Virtual Workshop

November, 2020 Finishing the Semester with Essential Flexibility
 UTEP
 Virtual Roundtable and Discussion

October, 2020 Organizational Meeting & Discussion of Impact of COVID-19 Pandemic on Mothers
 UTEP Academic Mamas Group
 UTEP
 Virtual Meeting

October, 2020	Preregistration Standards for Psychology American Psychological Association Virtual Workshop
August, 2020	Montreal Cognitive Assessment (MOCA) Certification & Training Quebec, Canada Online Training/Certification Program
July, 2020	Managing Groupwork in Face to Face and Online Classes UTEP, information Technology Virtual Workshop
June, 2020	Getting Started with Teams Vitalyst Microsoft Teams Training Workshop Virtual Workshop
June, 2020	Creating & Managing Teams Vitalyst Microsoft Teams Training Workshop Virtual Workshop
March, 2020	Blackboard Tests and Respondus Monitor UTEP, Information Technology Virtual Workshop
March, 2020	Remote Class Meetings and Virtual Office Hours Using Blackboard Collaborate Ultra UTEP, Information Technology Virtual Workshop
March, 2020	Webinar: Essential Blackboard Tools for Remote Teaching UTEP, Information Technology Virtual Workshop
November, 2019	Title IX Training UTEP Title IX Coordinators El Paso, TX
September, 2019	OneDrive Beginner workshop UTEP, Information Technology El Paso, TX
August, 2019	Emergency Preparedness Workshop UTEP, Campus Security El Paso, TX
June, 2019	Data Visualization: Practical Skills in RStudio for Cognition Research (Instructor: Kyle Monahan) Society for Research on Applied Memory & Cognition Conference Cape Cod, MA
February, 2019	Grant-writing workshop (Instructors: Elizabeth Hall & Elsa Villa, Ph.D.) UTEP ORSP El Paso, TX
December, 2017	Linguistic Analysis and Modelling Workshop (Instructor: Ryan Boyd) UTEP

	El Paso, TX
June, 2017	Cyber Analysis, Simulation and Experimentation (CASE) Workshop on Cyberpsychology Norfolk State University Norfolk, VA
November, 2016	Linear Mixed Effects Modelling Workshop (Instructor: Veronica Whitford) UTEP, Scientific Research on Bilingualism Group El Paso, TX
May, 2016	Women in Cognitive Science Speed Mentoring Event Women in Cognitive Science Meeting at the International Meeting of the Psychonomic Society Granada, Spain
September, 2015	Service Learning SPACES Workshop UTEP Center for Civic Engagement El Paso, TX
August, 2015	Service Learning Workshop: Defining Service Learning UTEP Center for Civic Engagement El Paso, TX
May, 2015	Service Learning Workshop: Using the CUE UTEP Center for Civic Engagement El Paso, TX
March, 2015	Sun Conference on Teaching and Learning El Paso, TX
September, 2014	Writing NIH Grant Proposals Workshop University of Texas at El Paso
August 2014	Excellence in Mentoring Lecture Series Workshop Hosted by Puentes Program and Graduate Student Resource Center Dr. Lorraine Gutierrez, "Developing a graduate mentoring plan"
February 2014	Writing and Designing NSF Proposals Workshop University of Texas at El Paso
2013 – 2014	Jumpstart your Research Program Office of Research and Sponsored Projects, University of Texas at El Paso
2011 – 2012	Collaborative Faculty Mentoring Program CETAL, University of Texas at El Paso

TEACHING EXPERIENCE

Graduate courses at UTEP

Fall 2023 **Instructor: Cognitive Aging (PSYC 6367)**

Fall 2016 **Instructor: Attention and Human Performance (PSYC 6355)**

Undergraduate courses at UTEP

Spring 2025	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Spring 2025	<i>Instructor:</i> Physical and Cognitive Changes with Age (PSYC 4313)
Fall 2024	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Fall 2024	<i>Instructor:</i> Physical and Cognitive Changes with Age (PSYC 4313)
Spring 2024	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Spring 2024	<i>Instructor:</i> Physical and Cognitive Changes with Age (PSYC 4313)
Fall 2023	<i>Instructor:</i> Physical and Cognitive Changes with Age (PSYC 4313)
Spring 2023	Supervising <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 8 sections
Fall 2022	Supervising <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 8 sections
Spring 2022	Supervising <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 8 sections
Fall 2021	Supervising <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 8 sections
Fall 2020	Supervising <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 8 sections
Spring 2020	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Spring 2019	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Spring 2018	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Fall 2016	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Spring 2016	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Fall 2015	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 6 sections
Spring 2015	<i>Instructor:</i> General Experimental Psychology (PSYC 3201) <i>Instructor:</i> General Experimental Psychology Lab (PSYC 3101) – 5 sections
Fall 2014	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Spring 2014	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Fall 2013	<i>Instructor:</i> Seminar: Sensory, Motor and Cognitive Changes with Age (PSYC 4345)
Spring 2013	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)
Fall 2012	<i>Instructor:</i> Cognitive Psychology (PSYC 3348)

Spring 2012 *Instructor: Cognitive Psychology (PSYC 3348)*

Fall 2011 *Instructor: Seminar: Sensory, Motor and Cognitive Changes with Age (PSYC 4345)*

Undergraduate courses at Washington University in St. Louis:

Fall 2010 *Instructor: Seminar - Introduction to Psychology*

Fall 2009 *Instructor: Seminar - Introduction to Psychology*

Undergraduate courses at the University of Michigan:

Fall 2007 *Instructor: Sensorimotor Changes with Age (MVS 424)*

Winter 2006 *Guest Lecturer: Motor Control*

Fall 2005 *Guest Lecturer: Current Topics: Cognitive Neuroscience of Action*

Winter 2004 *Graduate Student Instructor: Introduction to Cognitive Psychology*

Fall 2003 *Graduate Student Instructor: Human Neuropsychology*

FACULTY MENTORING

Doctoral Dissertation Advisor

2024 – present	Christian Ruiz (UTEP Psychology, in progress) <i>Exploring the Influence of Bilingual Experience and Language Use Context on a Nonlinguistic Stroop Task.</i>
2018 – 2023	Omar Carrasco (UTEP Psychology, Completed December 2023) <i>The Impact of Language Proficiency, Attention, and Working Memory on Situational Model Updating.</i>

Doctoral Dissertation Committee Member

2024 – present	Claudia Cota (UTEP Psychology, proposed December 2024)
2023 – 2024	Rachel Williams (UTEP Psychology, completed November 2024)
2021 – 2022	Naoko Tsuboi (UTEP Psychology, completed November 2022)
2018	Allyson Hughes (UTEP Psychology, completed November 2018)
2017 - 2018	Nazanin Heydarian (UTEP Psychology, completed September, 2018)
2016 - 2017	Justin Lauro (UTEP Psychology, completed July 2017)
2016 - 2017	Renee Penalver (UTEP Psychology, completed April 2017)
2016 - 2017	Randolph Taylor (UTEP Psychology, completed March 2017)
2016	Luke Enge (UTEP Psychology, completed July, 2016)

2014 – 2015	Elva Natalia Strobach (UTEP Psychology, completed November, 2015)
2013 – 2015	Yu-Cheng Lin (UTEP Psychology, completed April 2015)
2013 – 2014	Venkata Naga Pradeep Ambati (UTEP Kinesiology, completed July, 2014)
2012 – 2013	Stephen Michael (UTEP Psychology, completed May, 2013)

Master's Thesis Advisor

2019 – 2023	Christian Ruiz (UTEP Psychology, completed May 2023) <i>Assessing How Bilingual Experience Impacts Performance in Stimulus-Stimulus and Stimulus-Response Conflict Tasks</i>
2018 - 2020	Hayden White (UTEP Psychology, Student left the program)
2015 – 2017	Omar Carrasco (UTEP Psychology, completed December 2017) <i>Do Event Boundaries Influence Processing of Concurrently Presented Information?</i>

Master's Thesis Committee Member

2024 – present	Colin Scholl (UTEP, Psychology, proposed September 2024)
2023 – 2024	Diana Uribe (UTEP, Psychology, completed September 2024)
2019 – 2020	Astrid Portillo (UTEP, Psychology, completed May 2020)
2017 – 2020	John Capps (UTEP, Psychology, completed May 2020)
2018 – 2019	Naoko Tsuboi (UTEP, Psychology, completed November 2019)
2017	Leonardo Orea Amador (UTEP, Engineering Education, completed August 2017)
2016	Simon Bejarano (UTEP, Health Sciences)
2015 – 2016	Paulina Mejia (UTEP, Health Sciences, completed April, 2016)
2015 – 2016	Stephanie Reyes (UTEP, Psychology, completed January, 2016)
2014 – 2015	Mabel Terminal UTEP, Psychology, completed June 2015)
2013 – 2014	Renee Penalver (UTEP Psychology, completed December, 2014)
2013 - 2014	Fabricio Saucedo (UTEP Kinesiology, completed April, 2014)
2013	Randolph Taylor (UTEP Psychology, completed December, 2013)
2012- 2013	Luke Enge (UTEP Psychology, completed December, 2013)
2011-2012	Elva Natalia Strobach (UTEP Psychology, completed April, 2012)

Undergraduate Honors Thesis Supervisor

2022	Leslie Trevizo-Yee (UTEP, psychology, completed May 2022)
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2021	Jesus Alexander Lopez (UTEP, psychology, completed December 2021)
2021	Mayra Landeros (UTEP, psychology, completed December 2021)
2020 – 2021	Demy Rodriguez (UTEP, psychology, completed May 2021)
2020	Natalie Nunez (UTEP, psychology, completed May 2020)
2019	Leslie Rubio (UTEP, psychology, completed December 2019)
2019	Alexander Ho (UTEP, psychology, completed December 2019)
2018 – 2019	Daniela Garcia (UTEP, Psychology, completed May 2019)
2018 – 2019	Leslie Ornelas (UTEP, Psychology, completed May 2019)
2017 – 2018	Maria Chavarria (UTEP, Psychology, completed May 2018)
2016 - 2017	Jacob Bailon (UTEP Psychology, co-advisor, completed December 2017)
2016 - 2017	Alan Barrera (UTEP Psychology, completed December 2017)
2017	Andrea Baltazar (UTEP Psychology, completed May 2017)
2017	Samantha Owen (UTEP Biology, completed May 2017)
2016	Rogelio Montellano (UTEP Psychology, completed May 2016)
2014	Jaime Harris (UTEP Psychology, completed May 2014) – won the UTEP College of Liberal Arts Outstanding Undergraduate Honors Thesis Award
2013	Juan Hernandez (UTEP Psychology, completed December, 2013)
2012	Allyson Hughes (UTEP Psychology, completed May, 2012)

Graduate Student Research Support

Summer 2022 – Jan. 2023	Annette Nicholls-Sanders - NSF SCC-IRG Track 2: Smart Social Connector Grant
Fall 2020 -Spring 2021; Fall 2021 - Present	Christian Ruiz - NSF SCC-IRG Track 2: Smart Social Connector Grant
Fall 2020-Spring 2021	Diana Becerra - NSF SCC-IRG Track 2: Smart Social Connector Grant
Summer 2020, 2021	Christian Ruiz - UTEP Interdisciplinary Research and Education (IDRE) grant
Summer 2020, 2021	Diana Becerra - UTEP Interdisciplinary Research and Education (IDRE) grant
Spring 2014	Allyson Hughes - DHS grant, UTEP's National Center for Border Security and Immigration (NCBSI)
2012-2014	Nazanin Heydarian - DHS grant, UTEP's National Center for Border Security

and Immigration (NCBSI)

Undergraduate Student Research Support

Fall 2024 – Spring 2025	Christian Nelson – UTEP Mentored Experiences in Research, Inquiry, and Creativity for Undergraduate Scholars (MERITUS)
Summer 2024	Christian Nelson – UTEP Summer Undergraduate Research Program Assistantship (SURPASS)
Fall 2023 – Spring 2024	Christian Nelson – UTEP Mentored Experiences in Research, Inquiry, and Creativity for Undergraduate Scholars (MERITUS)
Fall 2022 – present	Miyah Ray-Morales - NSF SCC-IRG Track 2: Smart Social Connector Grant
Summer 2022 – present	Christine Martinez - NSF SCC-IRG Track 2: Smart Social Connector Grant
Spring 2022 – Fall 2022	Christian Nelson (EPCC student in Spring/Summer 2022; UTEP student as of Fall 2022) - Rise to the Challenge Bridge Program
Spring 2022 – Fall 2022	Miguel Rodarte - Computing Alliance of Hispanic-Serving Institutions (CAHSI)
Summer 2021	Daniel Calvo – UTEP Interdisciplinary Research and Education (IDRE) grant
Summer 2021	Brianna Contreras – UTEP Interdisciplinary Research and Education (IDRE) grant
Summer 2021	Daniel Calvo – UTEP Summer Undergraduate Research Program Assistantship (SURPASS)
Summer 2019	Ilene Soto – UTEP Summer Undergraduate Research Program Assistantship (SURPASS)
Summer 2017	Leslie Ornelas – UTEP Summer Undergraduate Research Program Assistantship (SURPASS)
2016-2017	Andrea Baltazar – UTEP Maximizing Access to Research Careers Program (MARC)
2015 – 2016	Andrew Perez – UTEP Mentored Experiences in Research, Inquiry, and Creativity for Undergraduate Scholars (MERITUS)
Summer 2013	Andrew Updegrove – Summer Intern UTEP's National Center for Border Security and Immigration (NCBSI)
Summer 2013	Hyejoo Noh - Homeland Security Summer Scholars Academy UTEP's National Center for Border Security and Immigration (NCBSI)
Summer 2012	Marisa Holguin - Homeland Security Summer Scholars Academy UTEP's National Center for Border Security and Immigration (NCBSI)
Summer 2011	Joshua Luna - Homeland Security Summer Scholars Academy UTEP's National Center for Border Security and Immigration (NCBSI)

Undergraduate Students, Graduate Students and Research Assistants Supervised in the Cognition & Aging Lab at the University of Texas at El Paso:

Laura Ramos, Ayram Esparza, Renee Penalver, Yu-Cheng Lin, Nazanin Heydarian, Allyson Hughes, Jennifer (Brown) Blush, Naoko Tsuboi, Carolina Lara, Juan Hernandez, Luis Vargas, Rachel Montes, Marco Camacho, Matthew Duran, Kimberly Edwards, Omar Carrasco, Aileen Renteria, Jaime Harris, Amber Chavez, Irma Seigel, Jennifer Guerra, Ashley Vera, Christian Ruiz, Gina Bitar, Iliana Soto, Hector Rodriguez, Edgar Ojeda, Sarah Madrid, Rogelio Montellano, Jonatan Contreras, Daniel De Lao, Meagan Borbon, Sarah Flores, Gladys Tellez, Jeremy Cruz, Samantha Owen, Alan Barrera, Hayden White, Jacob Bailon, Ariel Alvarado, Maria Chavarria, Daniela Garcia, Leslie Ornelas, Leslie Delgado, Andrea Bencomo, Carla Rodriguez, Erik Lopez, Daniella Nemecek, Nicole Cebak, Michelle Jurado, Lilliana Khoury, Evelyn Tovanche, Gabriela Ramirez, Leslie Rubio, Natalie Nunez, Sharlenne Zubia, Wendy Valenzuela, Ilene Soto, Aaron Pina, Alexander Ho, Jaime Moran, Shannon McMillan; Mayra Landeros, Indra Quintero, Elizabeth Torres, Monica Soliz, Karen Arredondo, Demy Rodriguez, A'Na Singleton, Leslie Trevizo Yee, Maria Rivera, Stephanie Perez, Justin Escobedo, Jaymee Saldivar, Benny Jimenez, Karla Gonzalez-Aguilar, Aja Conde, Jesus Alexander Lopez, Kevin Espitia, Karelly Alvarado, Brianna Contreras, Daniel Calvo, Sarah Reyes, Ismael Salcido, Yasmin Martinez, Alyssa Parra, Miguel Yague, Lorena Rodriguez, Lesley Lauriano, Nydia De Avila, Miyah Ray-Morales, Christian Nelson, Elizabeth Jakobsen, Ana S. Guerra, Angela Ortiz, Layla Perez, Vianey Delgado, Valerie Fierro & Alexa Gutierrez, Christopher Nevarez, Elias Olvera, Alyssa Jaquez, Christine Martinez, Ericka Carrasco, Genesis Aguirre, Julie Artalejo, Gabrielle Quezada, Mercedes Garcia, Yessenia Lopez, Satinka Acosta, Tovah Valles, Caitlin Robinson, Nubia Lopez, Citlali Mondragon-Pensamiento, Esmeralda Castaneda, Alejandra Sierra, Emmanuel Lopez.

Undergraduate Students and Research Assistants Supervised at Washington University:

James Bryant, Kara Chin, Albert Deng, Daniel Duncan, Abhi Kapuria, Laura Kelly, Elisa Kim, Jeremy Missuk, Jacob Sanches, and Leon Tsao (summer student funded by the NSF REU program and the Harvey A. Friedman Center for Aging)

Independent Study Students Supervised at the University of Michigan:

20 students since 2001: Psych 322, Psych 326, Psych 331, MVS 429, SM 490

I assisted students with project development, trained them on testing protocols and provided instruction on data coding and statistical analysis using various software packages, including Microsoft Excel, SPSS and SPM99.