CURRICULUM VITAE

DAWN RACHELLE WEATHERFORD

IDENTIFYING INFORMATION

Academic Rank

Associate Professor of Psychology Department of Science & Mathematics Texas A&M University-San Antonio 1 University Way San Antonio, TX 78224 Professional Email: <u>dawn.weatherford@tamusa.edu</u> Personal Email: <u>dawn.r.weatherford@gmail.com</u>

Professional Education

Degree	Institution	Date Granted
Ph.D.	Texas A&M University-Commerce <i>Psychology, Specialty: Cognition</i> <i>Dr. Curt Carlson, Dissertation Advisor</i> Dissertation title: Visual and Verbal Influences on Recog for Faces	2013 gnition Memory
M.S.	Texas A&M University-Commerce Experimental Psychology	2011
B.S.	Oklahoma State University Psychology, Highest Honors - Summa Cum Laude	2005

Positions/Employment

Texas A&M University-San Antonio Associate Professor of Psychology Graduate Program Coordinator Assistant Professor of Psychology	Sept 2021 - present Sept 2022 - present July 2016– August 2021
Arkansas State University Assistant Professor of Psychology	August 2013 – June 2016
Texas A&M University-Commerce Graduate Research/Teaching Assistant	January 2008 – May 2013

Professional and Academic Affiliations

American Psychology and Law Society	2014 – present
Association for Psychological Science	2008 - 2014
Psi Chi Psychological Honor Society	2004 – present
Psychonomic Society	2013 – present
Midwestern Psychological Association	2016 – present
Object Perception, Attention, and Memory Society	2015 – present
Society for Applied Multivariate Research	2011 – present
Society for Judgment and Decision Making	2008 - 2012
Southwest Cognition Society	2011 – present
Southwestern Psychological Association	2009 – present
Vision Sciences Society	2013 – present

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Research Experience

Texas A&M University-San Antonio Director	July 2016 – present
Memory, Attention, and Perception (MAP) Research Laborat	ory
Arkansas State University	
Director	August 2013 – June 2016
Memory, Attention, and Perception (MAP) Research Laborat	ory
Texas A&M University-Commerce	
Graduate Laboratory Manager	Summer 2009 – May 2013
Applied Cognition Laboratory, under the direction of Dr. Cur	t Carlson
Graduate Research Assistant	Spring 2008 – Summer 2009
Cognitive Science Laboratory, under the direction of Dr. Shu	1 0
Work funded by National Science Foundation	
Oklahoma State University	
Undergraduate Research Assistant	Spring 2005
Lifespan Development Laboratory, under the direction of Dr.	Melanie Page
Undergraduate Research Assistant	Spring 2004
Child Behavior Lab, under the direction of Dr. Maureen Sulli	1 0

Grants

External

Bingocize: Social and Physical Engagement to Enhance Quality of Life \$374,211.27													
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November 2019 Faculty Advisor (Asbel Ramos, Student applicant) Psi Chi (The international psychological honor society) Undergraduate Research Grant Robot-mediated intervention: Building bridges to improve social communication in children with Autism spectrum disorders \$1500 stipend & \$1500 funding

Faculty Advisor (Angelee Rodriguez, Student applicant) May 2019 Psi Chi (The international psychological honor society) Undergraduate Research Grant Shining a light on eyewitness accuracy: Comparing optimality and encoding specificity \$1500 stipend & \$1500 funding Featured on Psi Chi Celebrates 90 years, international website

Principal Investigator-RL5 Scholar (Mentors: Phillips and Ross) February 2019 Claude D. Pepper SAOAIC Mentored Research Career Development Scholar Program The effects of aging on cognitive and neural function in common marmosets (Callithrix jacchus) Salary-based funding, unfunded, pending revised resubmission

Co-Investigator (Ross PI)

Principal Investigator (Golla Co-PI)

State of Texas Civil Money Penalty (CMP) Reinvestment

National Institutes of Health - P51 Supplement Enhancement of the SNPRC marmoset program to expand studies of ambulation and sensory systems to further the development of the marmoset as a model of early Alzheimer's disease \$423,597

Consultant (Ross PI)

National Institutes of Health - P51 Supplement Enhancement of the SNPRC marmoset program to expand studies of age-related cognitive decline and develop the marmoset as a model of early Alzheimer's disease \$410,903

Co-Principal Investigator May 2018 Claude D. Pepper Center, Barshop Institute, University of Texas Health Science Center Pilot Working memory and attention in aging marmosets \$49,986

November 2017- October 2018 Principal Investigator Early Career Investigator - American-Psychology and Law Society

You shall not pass: How professional security expertise shapes visual search for fake IDs \$5,000

Internal

April 2022

February 2019

September 2018

 Principal Investigator Texas A&M University-San Antonio, Provost's Research Council Grant How low prevalence targets affect visual search: An eye tracking study \$10,000 	March 2020
 Principal Investigator Texas A&M University-San Antonio, College of Arts & Sciences Research Grant How low prevalence targets affect visual search: An eye tracking study \$3,000 	March 2020
Principal InvestigatorJune 2018-STexas A&M University-San Antonio, Arts & Sciences Research Fellowship Can I see some ID? Professionals visual search for fake identification cards \$2,959	September 2018
Principal Investigator Submit Texas A&M University-San Antonio, President's Commission on Equity Not thinking straight: Overcoming straight categorization bias in judgments or orientation \$2,300, unfunded \$2,300, unfunded	tted Dec 2017 f sexual
 Principal Investigator Texas A&M University-San Antonio, Strategic Planning Seed Funding Initiative The eyes have it: Using eye-tracking software to measure attention, learning, a across different scientific disciplines \$6,000 	January 2018 and memory
Principal Investigator Texas A&M University-San Antonio, Strategic Planning Seed Funding Initiative You shall not pass: Using photo identification cards across different profession identity matching performance \$16,000	January 2018
Principal Investigator May 20	017-July 2017

Building bridges to improve social communication for Children with Autism Spectrum

Co-Principal Investigator (Garfield CoPI)

Disorder

\$12,750

Texas A&M University-San Antonio, Internal Funding

Sept 2020

Texas A&M University-San Antonio, Arts & Sciences Research Fellowship Target prevalence influences facial identification under ecologically valid settings \$3,000 Principal Investigator

Arkansas State University, Faculty Research Support

The effects of context and consequences on unfamiliar identity matching \$5,000

Principal Investigator

May 2012 – August 2012

Texas A&M University-Commerce Graduate Summer Research Support Visual and verbal influences in unfamiliar face recognition \$4,583

Principal Investigator

Science Technology Engineering and Math (STEM) Research Grant

The description-identification relationship for unfamiliar facial recognition \$5,000

Publications

Peer-Reviewed Journal Articles

- Weatherford, D. R., Carlson, C. A., Krueger, L. E., Williams, C., Pardo, R.* (under revision). Different types of facial description alter the confidence-accuracy relationship. *Psychology, Crime, & Law.*
- Weatherford, D. R., Roberson, D. M.*, & Erickson, W. B. (2021). When experience does not promote expertise: Security professionals fail to detect low prevalence fake IDs. *Cognitive Research: Principles and Implications*, in special issue: *Visual Search in Real World and Applied Contexts*. Open Source Content doi:<u>10.17605/OSF.IO/UNJ9T</u>; Article: <u>https://doi.org/10.1186/s41235-021-00288-z</u>
- Weatherford, D. R., Meltzer, M. A., Carlson, C. A., & Bartlett, J. C. (2021). Never forget a face: Verbalization facilitates recollection as evidenced by flexible responding to contrasting recognition memory tests. *Memory & Cognition*. Open Source Content doi: <u>10.17605/OSF.IO/Y3B8A</u>; Article: <u>https://doi.org/10.3758/s13421-020-01085-7</u>
- Lockamyeir, R. F., Carlson, C. A., Jones, A. R., Carlson, M. A., & Weatherford, D. R. (2020). The effect of viewing distance on empirical discriminability and the confidence-accuracy relationship for eyewitness identification. *Applied Cognitive Psychology*. doi: <u>10.1002/acp.3683</u>
- Weatherford, D. R., Esparza, L. V.*, Tedder, L.*, & Hitchcock, O.* (2020). Using a fork for a hairbrush: Investigating the dual routes to release from functional fixedness. *The Journal of Creative Behavior*. doi: 10.1002/jocb.442
- Weatherford, D. R., Erickson, W. B., Thomas, J*., Walker, M. E.*, & Schein, B. S.* (2020). You shall not pass: How facial variability and feedback affect the detection of low-prevalence fake IDs. *Cognitive Research: Principles and Implications*. doi:10.1186/s41235-019-0204-1. Featured content for the Psychonomic Society.

July 2015 - July 2016

May 2010 – August 2010

- Whittington, J. E., Carlson, C. A., Carlson, M. A., Weatherford, D. R., Krueger, L. E., & Jones, A. R. (2020). Asking an eyewitness to predict their later lineup performance could harm the confidence-accuracy relationship. *Applied Cognitive Psychology*, 34(1), 119-131. doi: 10.1002/acp.3599
- Carlson, C. A., Jones, A. R., Goodsell, C. A., Carlson, M. A., Weatherford, D. R., Whittington, J. E., & Lockamyeir, R. F. (2019). A method for increasing empirical discriminability and eliminating top-row preference in photo arrays. *Applied Cognitive Psychology*. doi: 10.1002/acp.3551
- Mickes, L., Seale-Carlisle, T. M., Wetmore, S. A., Gronlund, S. D., Clark, S. E., Carlson, C. A., Goodsell, C. A., Weatherford, D. R., & Wixted, J. T. (2017). ROCs in eyewitness identification: Instructions versus confidence ratings. *Applied Cognitive Psychology*, 31, 467–477. doi: 10.1002/acp.3344.
- Carlson, C. A., Pleasant, W. E.*, Weatherford, D. R., Carlson, M. A., & Bednarz, J. E.* (2016).
 The weapon focus effect: Testing an extension of the unusualness hypothesis. *Applied Psychology in Criminal Justice*, 12(2). Link to <u>content</u>
- Carlson, C. A., Carlson, M. A. Weatherford, D. R., & Tucker, A.*, Bednarz, J.* (2016). The effect of backloading instructions on eyewitness identification from simultaneous and sequential lineups. *Applied Cognitive Psychology*, 30(6), 1005-1013. doi: 10.1002/acp.3292
- Carlson, C. A., Young, D., Weatherford, D. R., Carlson, M. A., Bednarz, J. & Jones, A. J. (2016). The influence of perpetrator exposure time and weapon presence/timing on eyewitness confidence and accuracy. *Applied Cognitive Psychology*, 30(6), 898-910. doi: <u>10.1002/acp.3275</u>
- Carlson, C. A., Gibson-Dias, J. L., Weatherford, D. R., Carlson, M. A. (2016). An investigation of the Weapon Focus Effect and the confidence–accuracy relationship for eyewitness identification. *Journal of Applied Research in Memory and Cognition*. doi: <u>10.1016/j.jarmac.2016.04.001</u>
- Weatherford, D. R., & Schein, B. H.* (2015). Mismatch prevalence influences response bias and discriminability in unfamiliar face matching. *Journal of Vision*, 15(12), 697. doi: 10.1167/15.12.697.
- Alogna, V. K., Attaya, M. K., Aucoin, P., Bahnik, S., Birch, S., R., B. A., ... Weatherford, D. R..., Zwaan, R. A. (2014). Registered replication report: Schooler and Engstler-Schooler (1990). *Perspectives on Psychological Science*, 9(5), 556–578. doi:10.1177/1745691614545653
- Weatherford, D. R., Bartlett, J. C., & Carlson, C. A. (2013). Perceptual attention to features and traits may affect how faces are represented in memory. *Journal of Vision*, 13, 981. doi: <u>10.1167/13.9.981</u>
- Carlson, C. A., Gronlund, S. D., Weatherford, D. R., & Carlson, M. A. (2012). Processing differences between feature-based facial composites and photos of real faces. *Applied Cognitive Psychology*, 26, 525-540. doi:10.1002/acp.2824
- Hawthorne, M. J., Weatherford, D. R., & Tochkov, K. (2011). The effects of explicit and implicit cognitive factors on learning patterns in the Iowa Gambling Task. <u>American</u> <u>Journal of Psychology</u>, 7, 64-78. <u>http://www2.mcneese.edu/ajpr/vol7/AJPR11-04Tochkov3-11rev4-2.pdf</u>

*indicates student collaborator

Book Reviews

Weatherford, D. R., & Erickson, W. B. (2016). The most compelling research on handedness is mixed. *PsycCRITIQUES*, *61*(25). <u>http://dx.doi.org/10.1037/a0040504</u>

Presentations, Posters, and Exhibits

National & International

- Weatherford, D. R., & Dicke-Bohmann, A. K. (2022, November). The effect of attentional template disruption on the detection of low prevalence fake ID cards. The Annual Meeting of the Psychonomic Society, Boston, MA.
- Baldassari, M. J. & Weatherford, D. R. (2020, November). Comparing discriminability between rating and ranking lineup members. The Annual Meeting of the Psychonomic Society. Virtual.
- Weatherford, D. R., Myers, M.*, Darling, V.*, Ramos, A.*, Crane, A.*, Anderson, M.*, Hout, M., & White, B.* (2020, November). Measuring face value: Validating a diverse image database for facial research. The Annual Meeting of the Psychonomic Society. Virtual.
- Weatherford, D. R., Rodriguez, A.*, Carlson, C. A., & Aranda, D.* (2019, March). Don't be afraid of the dark: The impact of lighting as a memory cue in facial recognition. American Psychology & Law Society, Seattle, WA.
- Weatherford, D. R., Sihan, U. S.*, Roberson, D. M.* (2019, March). You shall not pass: The role of criterion shifting and professional experience in spotting fake IDs. American Psychology & Law Society, Seattle, WA.
- Weatherford, D. R., Thomas, J.*, & Roberson, D. M.* (2018, November). Within-person variability and feedback affect the magnitude of the low prevalence effect in a photo identification task. The 26th Annual Meeting of the Object Perception, Attention, and Memory Society, New Orleans, LA.
- Weatherford, D. R., Esparza, L., Warford, K.*, Tedder, L.*, & Hitchcock O.* (2018, November). The right frame of mind: Overcoming functional fixedness in problem solving. The 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Carlson, C. A., Jones, A. R., Goodsell, C. A., Carlson, M. A., Weatherford, D. R., & Whittington, J. E. (2018, March). Suspect position in a lineup can affect eyewitness identification. American Psychology-Law Society Conference, Memphis, TN.
- Goodsell, C. A., Lockamyeir, R., Carlson, C. A., & **Weatherford, D. R.** (2017, November). Does corrective feedback on an initial lineup aid subsequent lineup decisions? The 58th Annual Meeting of the Psychonomic Society, Vancouver, BC, Canada.
- Weatherford, D. R., Blake, S. A.*, & Carlson, C. A. (2017, November). Both encoding specificity and optimality predict facial recognition under different lighting variations. The 58th Annual Meeting of the Psychonomic Society. Vancouver, BC, Canada.

- Weatherford, D. R., Erickson, W. B., Thomas, J.*, & Walker, M. E.*(2017, November). Target prevalence influences the effect of feedback in a face matching paradigm. The 58th Annual Meeting of the Psychonomic Society. Vancouver, BC, Canada.
- Carlson, C. A., Carlson, M. A., Weatherford, D. R., Dias, J. L., Young, D. F., Bednarz, J. E., & Jones, A. R. (2017, March). The impact of concealment and crime duration on the weapon focus effect. American Psychology-Law Society Conference, Seattle, WA.
- Erickson, W. B., Weatherford, D. R., & Lampinen, J. M., (2017, March). Feedback training for matching faces across age gaps. American Psychology-Law Society Conference, Seattle, WA.
- Weatherford, D. R., Ottoson, J.*, Cocherell, R.*, & Erickson, W. B. (2017, March). Selfies for science: A comprehensive face database. American Psychology and Law Society. Seattle, WA.
- Erickson, W. B., Lampinen, J. M., & Weatherford, D. R. (2016, May). Training increases facial recognition rates across age gaps. The 88th annual meeting of the Midwestern Psychological Association. Chicago, IL.
- Bednarz, J.*, Carlson, C. A., Carlson, M., Weatherford, D. R., Young, D.*, & Wooten, A.* (2016, November). Asking an eyewitness to predict their confidence in a later lineup decision could harm the confidence-accuracy relationship. The 57th Annual Meeting of the Psychonomic Society. Boston, MA.
- Carlson, C. A., Jones, A. J.*, Goodsell, C., Carlson, M., Weatherford, D. R., & Bednarz, J.* (2016, November). Suspect position in a simultaneous lineup affects eyewitness identification. The 57th Annual Meeting of the Psychonomic Society. Boston, MA.
- Weatherford, D. R., Tedder, L.*, Hitchcock, O.* (November, 2016). Using a fork as a hairbrush: Parts-based processing promotes release from functional fixedness. The 57th Annual Meeting of the Psychonomic Society. Boston, MA.
- Erickson, W. B., Lampinen, J. M., Weatherford, D. R., Harikrishnan, P.*, & Frowd, C. (2016, March). Recognition training for faces across age gaps. American Psychology and Law Society. Atlanta, GA.
- Wooten, A*. Carlson, C. A., Carlson, M., **Weatherford, D. R.**, & Bednarz, J.* (2016, March). A test of the source misattribution versus memory blending account of unconscious transference. American Psychology and Law Society, Atlanta, GA.
- Young, D.*, Carlson, C. A., Weatherford, D. R., Carlson, M., Bednarz, J.*, Mayberry, J.*, & Wooten, A. (2016, March). It's about time: The influence of time to encode a perpetrator versus a weapon on the confidence-accuracy relationship. American Psychology and Law Society. Atlanta, GA.
- Weatherford, D. R., Schein, B. H.*, Erickson, W. B. (2015, November). Dissociating differences in visual search from decision making in unfamiliar face matching: How contextual cues affect errors. The 23rd Annual Workshop on Object Perception, Attention, and Memory. Chicago, IL.
- Weatherford, D. R., Krueger, L. E., Carlson, C. A., & Williams, C. R.* (2015, November). Dissociating sources of confidence and accuracy in facial recognition memory: An investigation of verbal description and encoding time. The 56th Annual Meeting of the Psychonomic Society. Chicago, IL.
- Young, D.*, Carlson, C. A., **Weatherford, D. R**., Carlson, M., Bednarz, J.*, Mayberry, J.* Wooten, A.* (2015, November). It's about time: The influence of time to encode a

perpetrator versus a weapon on eyewitness identification. The 56th Annual Meeting of the Psychonomic Society. Chicago, IL.

- Mickes, L., Seale-Carlisle, T. M.*, Wetmore, S. A., Goodsell, C. A., Carlson, C. A.,
 Weatherford, D., Morgan, D. P., McAdoo, R. M.*, Clark, S., Gronlund, S. D., & Wixted,
 J. T. (2015, September). The relationship between the use of instructions to manipulate response bias and the confidence-based ROC in eyewitness identification. The 19th Conference of the European Society for Cognitive Psychology. Paphos, Cyprus.
- Weatherford, D. R., Krueger, L. E., Carlson, C. A., & Mayberry, J. L.* (2014, March). Differential effects of verbal facilitation on real versus composite faces. American Psychology and Law Society Annual Conference, New Orleans, LA.
- Weatherford, D. R., Carlson, C. A., & Tucker, A. E.* (2013, November). Featural description facilitates face memory differently than trait description. The 54th Annual Meeting of the Psychonomic Society, Toronto, ON, Canada.
- Carlson, C. A., Carlson, M. A., Saladino, N.*, & Weatherford, D. R. (2012, November). A distinctiveness-driven reversal of the weapon-focus effect. The 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Weatherford, D. R. & Carlson, C. A. (2011, November). A dual process approach to the description-identification relationship using conjunction faces. The 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Weatherford, D. R., & Carlson, C. A. (2010, November). Effects of featural versus holistic verbalization on memory for faces. The 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Weatherford, D. R., Hawthorne, M. J. & Tochkov, K. (2010, November). The influence of implicit and explicit variation on Iowa Gambling Task performance. Annual Meeting of the Society of Judgment and Decision Making, St. Louis, MO.
- Lu, S., Wakefield, L., & Weatherford, D. R. (2008). Taking actor's perspective: Spatial relational mapping or perceptual motor simulation? Paper presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.

Regional

- Weatherford, D. R., Dicke-Bohmann, A. K., Blount, J.*, & Rodriguez, R.* (2022, September). The effect of attentional template disruption on the detection of low prevalence fake ID cards. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference. Tarleton State University, Stephenville, TX.
- Weatherford, D. R., Dicke-Bohmann, A., & Roberson, D. R.* (2021, October). Within-person variability and feedback affect the magnitude of the low prevalence effect in a photo identification task. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference. Virtual.
- Baldassari, M. J. & Weatherford, D. R. (2021, April). Comparing discriminability between rating and ranking lineup members. Southwestern Psychological Association annual conference, San Antonio, TX.
- Weatherford, D.R., Myers, M.*, Darling, V.*, Ramos, A.*, Crane, A.*, Anderson, M.*, Hout, M., & White, B.* (2020, April *accepted; Presented 2021). Measuring face value: How

multidimensional scaling can improve facial research. Southwestern Psychological Association annual conference, canceled in response to global pandemic.

- Weatherford, D. R., Thomas, J.*, Roberson, D. R.*, & Sihan, U. S.* (2018, October). Within-person variability and feedback affect the magnitude of the low prevalence effect in a photo identification task. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference at Rice University. Houston, TX.
- Aranda, D.*, Weatherford, D. R., Carlson, C. A., Estrada, J.*, & Rodriguez, A.* (2018, October). Don't be afraid of the dark: The impact of lighting on facial recognition. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference at Rice University. Houston, TX.
- Erwin, K. S.*, **Weatherford, D. R.**, & Sihan, U. S.* (2018, October). Evolution versus experience: Investigating accuracy and biases of sexual orientation judgments. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference at Rice University. Houston, TX.
- Erwin, K. S.*, Weatherford, D. R., Montante, A. M.*, Sihan, U. S.*, & Ramos, R. M.* (2018, April). Not thinking straight: Investigating straight categorization bias in sexual orientation judgments. Southwestern Psychological Association annual conference, Houston, TX.
- Kay, D.*, **Weatherford, D. R.**, Carlson, C. A., Blake, S. A.*, & Estrada, J.* (2018, April). The effects of within-person variability on facial recognition under different lighting conditions. Southwestern Psychological Association annual conference, Houston, TX.
- Weatherford, D. R., Blake, S. A*., & Carlson, C. A. (2017, October). Both encoding specificity and optimality predict facial recognition under different lighting variations. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, College Station, TX.
- Ramos, R.*, Weatherford, D. R., Erwin, K.*, Sihan, U. S.*, & Thomas, J.* (2017, October). Not thinking straight: Overcoming straight categorization bias in sexual orientation identification. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, College Station, TX.
- Thomas, J.*, Weatherford, D. R., Erickson, W. B., & Walker, M. E.* (2017, October). Target prevalence influences the effect of feedback in a face matching paradigm. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, College Station, TX.
- Warford, K.*, Weatherford, D. R., Lazo, K.*, Tedder, L.*, Hitchcock, O.*, & Esparza, L.* (2017, October). The right frame of mind: Overcoming functional fixedness in problem solving. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, College Station, TX.
- Zimmerman, K. N.*, Weatherford, D. R., & Sihan, U. S.* (2017, October). Going under the knife: The influence of featural and configural changes on identification before and after reconstruction. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, College Station, TX.
- Blake, S. A.*, **Weatherford, D. R.,** Carlson, C. A., & Freasier, S. A.* (2017, April). The effects of lighting on facial recognition. Southwestern Psychological Association annual conference, San Antonio, TX.

- Walker, M. E.*, Weatherford, D. R., Thomas, J.*, Salazar, H.*, & Zimmerman, K.* (2017, April). The influence of featural and configural changes on cross-race facial identification. Southwestern Psychological Association annual conference, San Antonio, TX.
- Bednarz, J., Carlson, C., Carlson, M., Weatherford, D. R., Young., D., & Wooten, A. (2017, April). Pre-lineup confidence assessment could harm the post-lineup confidence-accuracy relationship. Southwestern Psychological Association annual conference, San Antonio, TX.
- Carlson, C., Jones, A., Goodsell, C., Carlson, M., Weatherford, D. R., Bednarz, J., & Lockamyeir, R. (2017, April). Eyewitness identification is affected by suspect position in a simultaneous lineup. Southwestern Psychological Association annual conference, San Antonio, TX.
- Carlson, C., Carlson, M., **Weatherford, D.,** Dias, J., Young, D., Bednarz, J., & Jones, A. (2017, April). The impact of concealment and crime duration on the weapon focus effect.
- Weatherford, D. R., Ottoson, J.*, Cocherell, R.*, & Erickson, W. B. (October, 2016). Selfies for science: A comprehensive face database. ARMADILLO: The Southwest Cognition Conference at the University of Texas –El Paso.
- Carlson, C. A., Jones, A. J.*, Goodsell, C., Carlson, M., **Weatherford, D. R.**, & Bednarz, J.* (2016, November). Suspect position in a simultaneous lineup affects eyewitness identification. ARMADILLO: The Southwest Cognition Conference at University of Texas –El Paso.
- Bednarz, J.*, Carlson, C. A., Carlson, M., Weatherford, D. R., Young, D.*, & (2016, November). Asking an eyewitness to predict their confidence in a later lineup decision could harm the confidence-accuracy relationship. ARMADILLO: The Southwest Cognition Conference at University of Texas –El Paso.
- Erickson, W. B., Lampinen, J. M., & Weatherford, D. R. (May, 2016). Training increases facial recognition rates across age gaps. The 88th annual meeting of the Midwestern Psychological Association. Chicago, IL.
- Young, D.*, Carlson, C. A., Weatherford, D. R., Carlson, M., (2015, October). The influence of time to encode a perpetrator versus a weapon on eyewitness identification. ARMADILLO: The Southwest Cognition Conference at Rice University, Waco, TX.
- Weatherford, D. R., Carlson, C. A., & Tucker, A. E.* (2014, October). Different factors influence confidence and accuracy in facial recognition: The influence of featural and trait description. ARMADILLO: The Southwest Cognition Conference at Oklahoma State University, Norman, OK.
- Weatherford, D. R. & Carlson, C. A. (2013, April). Perceptual attention to features versus traits affects memory for faces in different ways. Southwestern Psychological Association, Fort Worth, TX.
- Weatherford, D. R., Krueger, L. E., & Carlson, C. A. (2012, October). The effect of verbalization on real and computer-generated Faces. ARMADILLO: The Southwest Cognition Conference at Texas A&M International University, Laredo, TX.
- Weatherford, D. R. & Carlson, C. A. (2012, April). Contrasting two theories of the description-identification relationship using conjunction faces. Southwestern Psychological Association, Oklahoma City, OK.

Weatherford, D. R. & Carlson, C. A. (2011, October). A dual process approach to the description-identification relationship using conjunction faces. ARMADILLO: The Southwest Cognition Conference at Texas A & M University, College Station, TX.

- Weatherford, D. R. (2011, April). The effects of featural versus holistic verbalization on memory for faces: A dual process approach. Graduate Research Competition Southwestern Psychological Association, San Antonio, TX.
- Weatherford, D. R. & Carlson, C. A. (2010, December). When words help and hurt: The effects of description on memory for conjunction faces. Paper presented at the 2010 Texas A & M University-Commerce Brown Bag Series, Commerce, TX.
- Weatherford, D. R., & Carlson, C. A. (2010, October). The effects of featural versus holistic verbalization on memory for faces. ARMADILLO: The Southwest Cognition Conference at Texas A&M University, Commerce, TX.
- Weatherford, D. R. (April, 2009). Does language guide attention in perceiving events? Annual Research Symposium at Texas A&M University Commerce, Commerce, TX.

Invited Scholarly Speaking Engagements and Workshop Facilitation Events

- Weatherford, D. R. (April, 2022). Low prevalence and high importance: Combatting the passage of fake IDs at security checkpoints. University of the Incarnate Word Psychology Colloquium. San Antonio, TX.
- Weatherford, D. R. (March, 2021). When experience does not promote expertise: Security professionals fail to detect low prevalence fake IDs. UNSW Forensic Psychology Lab. Virtual.
- Weatherford, D. R. & Smith, S. (October, 2020). The future of ARMADILLO. Panel discussion facilitated for members of the Annual Meeting of the Southwest Cognition and Cognitive Neuroscience Society. Virtual.
- Weatherford, D. R. (June, 2019). Never forget a face: How to remember faces and names. Presented at First Annual Texas A&M University-San Antonio Alumni Reunion. San Antonio, TX.
- Weatherford, D. R. (April, 2019). You shall not pass: Exploring challenges associated with photo identification tasks. Presented in the Brown Bag Series for the Department of Psychology, Counseling, & Special Education at Texas A&M University-Commerce. Commerce, TX.
- Weatherford, D. R. (June, 2019). Improving Identity Screener Efficacy. Consortium for the Alliance for Binational Border Solutions. San Diego, CA, USA & Tijuana, Mexico
- Weatherford, D. R. (April, 2018). When teaching becomes research: How mentoring can supercharge your scholarship. Presented on behalf of the Center for Innovative Teaching and Learning at Texas A&M University-San Antonio.
- Weatherford, D. R. (November, 2016). Who are you? How to increase your memory for faces *and* names. Presented to the College of Arts and Sciences Speaker Series at Texas A&M University-San Antonio.
- Weatherford, D. R. (October, 2016). Never forget a face: Factors influencing identification and recognition. Presented to the Cognitive Neuroscience Speaker Series at the University of Missouri. Columbia, MO.

Weatherford, D. R. (February, 2016). Exploring encoding and retrieval factors in facial recognition. Presented as Alumni Ambassador for the Department of Psychology, Counseling, & Special Education at Texas A&M University-Commerce. Commerce, TX.

Other Scholarly Works

Book Chapters

- Weatherford, D. R. & Moore, K. (book contract accepted, chapter under review). Adaptive Memory Research in Forensic Face Matching and Memory. In M. Toglia (Ed.), *What is Adaptive About Adaptive Memory Second Edition* (2nd ed.)
- Weatherford, D. R. & Erickson, W. B. (2023). The Now-Memories: The Nostalgic Appeal of Stranger Things. In T. Langley (Ed.), *Stranger Things Psychology*.
- Erickson, W. B. & Weatherford, D. R. (2018). Suspending disbelief: Circumventing person perception to deliver the ultimate vacation. In T. Langley (Ed.), Westworld Psychology: Violent Delights. Sterling Publishers: New York, NY.
- Erickson, W. B. & Weatherford, D. R. (2016). All poor problem solvers must die. In T. Langley (Ed.), *The Psychology of the Game of Thrones: The Mind is Dark and Full of Terrors*. Sterling Publishers: New York, NY.

Manuscripts in Preparation

- Weatherford, D. R., Dicke-Bohmann, A. K., & Roberson, D (in preparation). The effect of attentional template disruption on the detection of low prevalence fake ID cards. Intended submission to *Journal of Forensic Identification*.
- Weatherford, D. R., Carlson, C. A., Carlson, M. A., Rodriguez, A.*, & Aranda, D.* (in preparation). Don't be afraid of the dark: The impact of lighting as a memory cue in facial recognition. Intended submission to <u>Applied Cognitive Psychology</u>.
- Weatherford, D. R., Krueger, L. E., Carlson, C. A., & Williams, C. R.* (rejected, under revision). Task demands and stimulus type interact to face and face-like object recognition. Intended submission to *Journal of Vision, special issue: Facial Recognition* and Cognition.
- Weatherford, D. R., Myers, M*, Hout, M., & White, B. (in data collection, Experiment 2). Selfies for Science: A multi-dimensionally scaled and normed face database. Intended submission to <u>Behavioral Research Methods</u>.

Media Interviews and University Promotion

- Weatherford, D. R. (2020, February). Is that you? Detecting low-occurring fake IDs. Psychonomic Society Featured Content with Laura Mickes. <u>https://featuredcontent.psychonomic.org/is-that-you-detecting-low-occurring-fake-ids/</u>
- Weatherford, D. R. (2018, February). Detecting fake IDs. KLRN SciTech Now and KPBS national rotation. <u>http://www.pbs.org/video/feb-1-2018-detecting-fake-ids-t0ca1q/</u>

Honors and Awards

Distinguished Junior Scholar - Rising Star Texas A&M University-San Antonio	2021
Excellence in Teaching College of Arts & Sciences, Texas A&M University-San Antonio	2021
Alumni Ambassador – Department of Psychology, Counseling, and SPED Texas A&M University-Commerce	2016-2017
Dr. Paul Zelhart Distinguished Graduate Researcher Texas A&M University-Commerce	2012-2013
<i>Outstanding Graduate Student</i> Psychology/Counseling Graduate Student Association Texas A&M University-Commerce	2012-2013
<i>First Place – Graduate Student, Spoken Presentation</i> Annual Meeting of the Southwestern Psychological Association San Antonio, TX	April 2011
Second Place – Spoken Presentation Annual Research Symposium Texas A&M University-Commerce	May 2009
Technological Proficiencies	
Experimental Design and Stimulus Development E-Prime, Psychology Experiment Building Language, Adobe Photoshop, CANTAB, ABET	

Online Study Design and Deployment SONA, Survey Monkey, Qualtrics, Amazon's Mechanical Turk, Prolific, Zoomerang

Statistical Analysis SPSS/PASW

TEACHING AND CURRICULUM DEVELOPMENT

Courses Taught

Texas A&M University-San Antonio Assistant Professor of Psychology

Perception General Psychology Research Methods & Statistics 1 Research Methods & Statistics 2 (lecture and lab) Cognitive Psychology Neuroscience Educational Psychology Directed Research in Psychology Writing in Psychology Psychology Senior Seminar Introduction to the Psychology Major	
Arkansas State University Assistant Professor of Psychology Advanced Seminar: Face Processing and Memory Cognitive Psychology Experimental Psychology Lecture and Laboratory Educational Psychology Introduction to Psychology Psychology as a Science and Profession Research Design Special Problems (Directed Research in Psychology)	August 2013 – June 2016
Texas A&M University-Commerce Instructor of Record Cognitive Psychology Psychological Statistics Lecture and Laboratory Social/Cultural Bases of Behavior	January 2009 – May 2013
Graduate Teaching Assistant Cognitive Psychology Experimental Psychology Laboratory Psychological Statistics Laboratory Introduction to Psychology	January 2009 – May 2013
Oklahoma State University Undergraduate Teaching Assistant Psychological Testing	January 2005 – May 2005
Technological Proficiencies	
Online Learning Platforms Blackboard, ECollege	
Tools for Pedagogical Enhancement	

Tegrity, Jing, SafeAssign, TurnItIn, Mendeley, Annotate CE, Camtasia, Adobe Connect

ADVISING AND MENTORING

Undergraduate Student Activities

Undergraduate Research Projects

- Ruiz, J., Guerrero Camacho, R., * Whitehorn, J. (2021, October). Data Blitz: Comparing maximum confidence to rank order lineups. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference at Rice University. Virtual.
- Escalante, D., De La Cruz, K., & Padron, N. (2021, October): Data Blitz: Go Green: The psychological and physiological effects of exposure to nature. ARMADILLO: The Southwest Cognition and Cognitive Neuroscience Conference at Rice University. Virtual
- Guerrero Camacho, R. & Whitehorn, J. (2021, April). Dual Task Facilitation May Improve the Identification of Missing Persons. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX
- Ramos, R., Nunez, S. T., Lazcano-Trevino, J., & Anderson, M. (2021, April). Building bridges to improve social communication in children with Autism Spectrum Disorder. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX *Won 1st place undergraduate presentation
- Rodriguez, A. (2020, April *accepted; Presented 2021). Shining a Light on Eyewitness
 Accuracy: Comparing Optimality and Encoding Specificity. Southwestern Psychological
 Association annual conference, 2020 canceled in response to global pandemic.

 *Won 1st place undergraduate presentation
- Ramos, A., Wieters, N., Quintanar-Garcia, M., & Erwin, K. (2019, April). Measuring face value: A diverse image database for facial research. Texas Undergraduate Research Day at the Capitol. Ausin, TX
- Forey-Vargas, D., Warford, K. S., & Benedict, W, M. (2019, April). Working memory and executive function in aging marmosets. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX
- Ramos, A., Wieters, N., Quintanar-Garcia, M., & Erwin, K. (2019, April). Measuring face value: A diverse image database for facial research. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX
- Roberson, D. & Sihan, U. (April, 2019). The effect of task orientation and redirection on unfamiliar face matching. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX
- Lipardo, A., Myers, M., Roberson, D., Sihan, U., & Wieters, N. (2019, April). Evaluating identity-verification tasks using eye-tracking equipment. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX
- Forey-Vargas, D. (2018, August). Working memory and executive function in aging marmosets. Fostering Interdisciplinary Research in Undergraduates Program (FIRE UP) Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Lazo, K. & Warford, K. (2018, May). Functional fixedness and mindset. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.

- Zimmerman, K., Sihan, U., Roberson, D., Thomas, J. & Walker, M. (2018, May). Can I see some ID? Professionals visual search for fake identification cards. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Sihan, U., Roberson, D., Zimmerman, K., Thomas, J., & Walker, M. (2018, May). The search is on! Attentional cueing and spotting fake IDs. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Montante, A., Sihan, U., Perez, V., Tapia, K., & Erwin, K. (2018, May). Not thinking straight: Perceiving sexual orientation on a spectrum. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- De La Rosa, K., Lopez, M., Miranda, M., Sanchez, B., & Erwin, K. (2018, May). Science PICS you: Selfies for Science. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Estrada, J., Aranda, D., Rodriguez, A., Kay, D., & Blake, S. (2018, May). Strangers in the dark: The effect of lighting on eyewitness identification. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Freasier, S., Blake, S., & Ramos, R. (2017, May). The effects of lighting on facial recognition. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Ramos, R., Erwin, K., Thomas, J., Sanchez, B., & Miranda, M. (2017, May). The science of gaydar: How perceptual cues influence identification of sexual orientation. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Thomas, J., Salazar, H., Walker, M. E., & Zimmerman, K. (2017, May). The influence of featural and configural changes on cross-face facial identification. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Thompson, J., Warford, K., Frazier, V., & Lazo, K. (2017, May). Functional fixedness and mindset training. Student Research Symposium at Texas A&M University-San Antonio. San Antonio, TX.
- Tedder, L., Lane, L, & Hitchcock, O. (2016, April). Using a fork as a hairbrush: Increasing creative problem solving. Arkansas Symposium of Psychological Students. Conway, AR.
- Tedder, L., Lane, L., Hitchcock, O., Sloas, K. & Crawford, S. (April, 2016). Thinking like MacGyver: Overcoming functional fixedness in insight problem solving. Create @ State Annual Research Symposium at Arkansas State University. Jonesboro, AR.*

*Won First Place in Behavioral Science Poster Category

- Williams, Christopher, R., Partlow, M. F., & Harikrishnan, P. (April, 2015). Influence of encoding factors on the confidence-accuracy relationship in facial recognition. Create @ State Annual Research Symposium at Arkansas State University. Jonesboro, AR.
- Sloas, K., Crawford, S., Tedder, L., & Hawkins, P. (April, 2015). Using a fork as a hairbrush: Improving problem solving abilities with training and eye closure. Create @ State Annual Research Symposium at Arkansas State University. Jonesboro, AR.
- Johnson, S., & Masters, C. (April, 2014). Honey is that you? The effects of plastic surgery on face recognition. Create @ State Annual Research Symposium at Arkansas State University. Jonesboro, AR.
- Schein, B. S. (April, 2014). The effect of decision importance on identity matching. Create @ State Annual Research Symposium at Arkansas State University. Jonesboro, AR.

Undergraduate Student Activities

Schein, B. S. (April, 2015). The effect of context and consequences on identity matching. Undergraduate Senior Honors Thesis. Chair

Interdisciplinary Interns Mentored

Summer 2023 - San Antonio Community Nursing Homes and Community Centers Maria Santillan-Ibarra (PSYC) Zachary Luna (KINES) Octavius Palomares (PSYC) Analiese Leo (PSYC) Joseph Rubio (KINES) Sydney Manuel (PSYC)

Spring 2023 - San Antonio Community Nursing Homes and Community Centers Maria Santillan-Ibarra (PSYC) Ethan Hermosa (KINES) Alyssa Estrada (KINES) Debbie Yorke (PSYC) Damiana Hernandez (PSYC and KINES) Zachary Luna (KINES)

Fall 2022 - San Antonio Community Nursing Homes and Community Centers Maria Santillan-Ibarra (PSYC) Rolando Guerrero Camacho (PSYC) Debbie Yorke (PSYC) Roland Gonzalez (KINES) Jenae Garcia (KINES) Anthony Cruz (KINES)

Summer 2022 - Southwest ISD Autism and Development Educational Internship Simone Leal (PSYC) Joanna Ortiz (PSYC) Nizet Garcia (SPED and PSYC) Maria Santillan-Ibarra (PSYC)

Workshops and Mentoring Presentations

Weatherford, D. R. (April, 2019). Mastering the GRE. Guided interactive workshop for the members of Psi Chi, the international honor society for psychology. Texas A&M University-San Antonio. San Antonio, TX.

SERVICE

Service to the Profession

Committee Membership

Social Media Editor Psychology, Crime, and Law Journal	April 2021 - Present
Member, <u>Communications Committee</u> Psychonomic Society	Feb 2020-Present
Advisory Committee Member Dept of Psychology, Counseling and Special Education Texas A&M University-Commerce	April 2021-present
Organization of conferences, workshops, panels, and symposia	
Symposium Organizer, Applied Issues in Face Processing Southwestern Psychological Association San Antonio, TX	April 2021
<i>Co-organizer</i> ARMADILLO Southwest Cognition Conference Virtual	October 2020
<i>Co-Organizer</i> ARMADILLO Southwest Cognition Conference Texas A&M University-San Antonio	October 2019
Symposium Co-organizer, Facial Recognition Southwestern Psychological Association Fort Worth, TX	April 2013
Graduate Student Co-organizer ARMADILLO Southwest Cognition Conference Texas A&M University-Commerce	November 2011

Reviewer for Academic Journals

Psychological Reports; Applied Cognitive Psychology; Attention, Perception, & Psychophysics; Psychology, Crime, and Law; Journal of Experimental Psychology: Learning, Memory, and Cognition; Frontiers in Psychology, Journal of European Psychology Students; Memory; Journal of Memory and Language; Journal of Experimental Psychology: General

Reviewer for Academic Conferences

American Psychology and Law Society (a division of the American Psychological Association); Southwestern Psychological Association; ARMADILLO Southwest Cognition Conference

Service to the University/College/Department

Texas A&M University-San Antonio

University level service

Ongoing Appointments	
Institutional Review Board	
Chair	Jan 2022 – present
Vice Chair	Apr 2019 – Dec 2021
Member	July 2017 – Apr 2019
Provost's Research Council	
Member	Fall 2018 – August 2021
Student Research Symposium - Faculty Moderator	-
Faculty Moderator	Spring 2017 – present
Faculty Senate	
Task Force Member, Faculty Response to COVID-19	May 2020 - Sep 2020
Safety Subcommittee Faculty Representative	May 2020 - Sep 2020
One time or previous appointments	2 1
High Impact Practice – Undergraduate Research	
Safe Zone Task Force	
Competency –based education (CBE) grant funded course deve	elopment
Faculty panelist: Creating Inclusive Teaching and Learning En What Faculty Can Do?	-
Faculty facilitator- How Teaching Becomes Research: Building Involvement	g Undergraduate Research
Search Committee member for multiple university-level position	ons, various
College level service	
Ongoing Appointments	
Honors and Awards Committee	
Chair	Sept 2021 – present
Department level service	
Ongoing Appointments	
Speaker Series Coordinator	March 2020 - present
Masters Program Coordinator	Sept 2019- Dec 2022
Adjunct Search Committee, co-chair	May 2021- present

One time or previous appointments

Psychology Club (advisor) Psi Chi (co-advisor) Coordinator, Research Experience Component Administrator, Psychology Sign-up System Search committee member for tenure track and adjunct faculty, various

Arkansas State University

University level service

Create @ State Research Symposium Steering Council, Judge Graduation Ceremony Marshall

College level service

Honors Council (*Chair*) Homecoming Tailgating Coordination Committee Convocation of Scholars

Department level service

Administrator and Coordinator, Research Management System and Research Experience Component
Department Library Funds (*Chair*)
Human Research Committee
Bachelor of Science Degree in Psychology Committee
Master of Science in Psychological Science Committee
General Education: Introduction to Psychology Committee
Ad hoc Merit Committee

Texas A&M University-Commerce

University level service Collin Higher Education Student Enrichment Committee

Department level

Institutional Review Board, Graduate Representative Psychology/Counseling Graduate Student Association Founder, President, Treasurer, Interim Treasurer

Public and Other Service

Expo Booth Exhibitor Arkansas Science Fair Visual Illusion Exhibit; Memory, Attention, and Perception Laboratory October 2014

PROFESSIONAL DEVELOPMENT

Texas A&M University - San Antonio

Build & Broaden: Grant-seeking for Mid Career MSI Faculty	Feb-May 2021
Building a Grant-Seeking Culture	March 2020
PRIM&R Institutional Review Board: In-Depth Analysis of Criteria for Review	January 2020
NIH Southwest Region Grant Seminar	October 2018
Arkansas State University	
Intermediate Grant Writing Success Seminar	July 2014
Teaching with Technology: Blackboard Course Development	June 2014
Texas A&M University-Commerce	
Grant Writing Workshop	December 2012