

Willie J. Hale, Ph.D.

Contact Information

University of Texas at San Antonio
One UTSA Circle
San Antonio, Texas 78249

Phone: 210-458-8741
Email: willie.hale@utsa.edu

EDUCATION

- Ph.D. Psychology (2015), University of Texas at San Antonio, San Antonio, Texas
 - Dissertation: An Examination of the Authenticity Construct: Issues of Measurement Invariance, Interpersonal Perception, and Relationships with Self-Verification Theory. Chair: David Pillow, Ph.D.
- M.S. Psychology (2012), University of Texas at San Antonio, San Antonio, Texas
 - Thesis: Moral Hypocrisy: Rethinking the Construct. Chair: David Pillow, Ph.D.
- B.A. Philosophy (2004), Creighton University, Omaha Nebraska

POSTDOCTORAL TRAINING

- Post-Doctoral Fellowship in Trauma Psychology (2015-2017), University of Texas Health Science Center at San Antonio. Co-Mentors: Alan Peterson, Ph.D. and Jim Mintz, Ph.D.

RESEARCH INTERESTS

- Risk and Protective Factors for PTSD
- Biopsychosocial Determinants of Health
- Physical/Mental Health Outcomes and Trajectories
- Accuracy of Interpersonal Perception
- Dynamic Systems Modeling
- Transdiagnostic Predictors of Mental Health

PROFESSIONAL POSITIONS

2017- Assistant Professor, Department of Psychology, University of Texas at San Antonio. San Antonio, TX. Director of the I.M.P.A.C.T. (Investigating Models of Psychological Adjustment, Coherence, and Trauma) Lab

2016-2017 Adjunct Assistant Professor, Department of Psychology, University of Texas at San Antonio. San Antonio, TX.

2012-2015 Doctoral Fellow, Social Self Lab, Department of Psychology, University of Texas at San Antonio. San Antonio, TX.

2012 Data Manager/Statistician, Department of Community Pediatrics, University of Texas Health Science Center at San Antonio. San Antonio, TX.

HONORS, AWARDS, AND PROFESSIONAL APPOINTMENTS

2022	UTSA President’s Distinguished Achievement Award in Research Achievement
2022	Military Health System Research Symposium Academic Outstanding Research Accomplishment Team Award
2019	Norma and Raymond Baird Excellence in Education Endowed Faculty Award
2019	COLFA representative as part of UTSA 50 th Anniversary Speaker Series
2018	UTSA’s Junior Faculty Carnegie Foundation Fellowship Presidential Nominee
2016-2018	NIH Extramural Loan Repayment Program for Clinical Researchers Award
2014	UTSA College of Liberal and Fine Arts’ Most Outstanding Graduate Student
2014	College of Liberal and Fine Arts’ Alvarez Graduate Excellence Award
2013	1 st place, UTSA’s Fall 2013 “Ready, Set, Research” Competition
2013	1 st place, Graduate Psychology Student Category, SACNAS National Conference
2012-2015	MBRS-RISE Ph.D. Fellowship
2012-2014	UTSA Graduate School Professional Development Award
2012-2013	UTSA Graduate School Diversity Recruitment Fellowship

PEER REVIEWED RESEARCH ARTICLES

**denotes student or postdoc author under my supervision throughout all following sections*

+ Authors contributed equally to this manuscript

Under Review

Hale, W., Asnaani, A., Shah, D., *Moore, B., Kaczurkin, A., Mintz, J., Litz, B., Young-McCaughan, S., Peterson, A. Foa, E., and the STRONG STAR Consortium (under review). Longitudinal associations between perceptions of health functioning and PTSD severity in active duty military over the course of PTSD treatment. Under review at somewhere else now.

Hale, W., Moore, B., LoSavio, S., Straud, C., Wachen, J., Litz, B., Young-McCaughan, S., Mintz, J., Dondanville, K., Yarvis, J., Borah, A., Peterson, A., Resick, P. (under review). Dynamic associations between catastrophic thinking and PTSD among active duty military personnel receiving Cognitive Processing Therapy. Under review at Behavior Therapy.

Published or in-press

Gomes, K. D., Straud, C. L., Moore, B. A., Hale, W. J., Lara-Ruiz, J., Baker, M. T., Gardner, C. L., Young-McCaughan, S., Cigrang, J. A., & Peterson, A. L. (2025). Differences among U.S. military personnel evacuated for psychiatric conditions from the Iraq and Afghanistan combat theaters. *Military Medicine*. Advance online publication. <https://doi.org/10.1093/milmed/usaf601>

Higgs, J. B., Hale, W.J., Straud, C. L., Mintz, J., Young-McCaughan, S. Gomes, K. D., Sterne, C. J., Lawrence-Wolff, K. M., Bartholomew, A. J., Kelly, K. M., Maurer, D. M., Vriend, C., Litz, B. T., Williamson, D. E., & Peterson, A. L., for the STRONG STAR Consortium. (in press). New Onset of fibromyalgia after exposure to a combat environment: A longitudinal cohort study. *Arthritis Care & Research*.

- Darnell, B. C., Vannini, M. B. N., Morgan-López, A. A., Brown, S. E., Grunthal, B., Hale, W. J., Young-McCaughan, S., Fox, P. T., McGeary, D. D., Resick, P. A., Sloan, D. M., Taylor, D. J., Schobitz, R. P., Schrader, C. C., Yarvis, J. S., Keane, T. M., Peterson, A. L., Litz, B. T., the STRONG STAR Consortium, & the Consortium to Alleviate PTSD. (2025). Psychometric evaluation of the weekly version of the PTSD Checklist for DSM-5. *Assessment*. Advance online publication.
- Buccellato, K. H., Straud, C. L., Blount, T. H., Evans, W. R., Hein, J. M., Santos, E., Hale, W. J., Foa, E. B., Brown, L. A., McLean, C. P., Schobitz, R. P., DeBeer, B. B., Mignogna, J., Fina, B. A., Hall-Clark, B. N., Schrader, C. C., Yarvis, J. S., Jacoby, V. M., Lara-Ruiz, J. M., ... Peterson, A. L. (2025). Examination of the top three traumatic experiences among United States service members and veterans with combat-related posttraumatic stress disorder. *Behavioral Sciences*, *15*(9), 1211.
- Straud, C. L., Buccellato, K. H., Vacek, S., Hale, W. J., Baker, M. T., Isler, W. C., Peterson, A. L. (2025). The General Military Support Scale: An examination of factor structure and psychological correlates. *Military Psychology*, 1–11.
- Bryan, C.J., Butner, J.E., Tabares, J.V., Brown, L.A., Young-McCaughan, S., Hale, W.J., Litz, B.T., Yarvis, J.S., Fina, B.A., Foa, E.B., Resick, P.A., & Peterson, A.L. for the STRONG STAR Consortium. (2024). A dynamical systems analysis of change in PTSD symptoms, depression symptoms, and suicidal ideation among military personnel during treatment for PTSD. *Journal of Affective Disorders*, *350*, 125-132.
- Meca, A., Peraza, J. A., Riedel, M. C., Hale, W., Pettit, J. W., Musser, E. D., ... & Laird, A. R. (2023). Acculturative orientations among Hispanic/Latinx caregivers in the ABCD Study: Associations with caregiver and youth mental health and youth brain function. *bioRxiv*, 2022-07.
- +Miles, S., +Hale, W., +Mintz, J., Wachen, J., Litz, B., Dondanville, K., Yarvis, J., Hembree, E., Young-McCaughan, S., Peterson, A., Resick, P. (2023), Hyperarousal symptoms linger after successful PTSD treatment in active duty military. Accepted for publication at *Psychological Trauma: Theory, Research, Practice, and Policy*.
- Hale, W., *Vacek, S., Moore, B., Straud, C., McGeary, D., Peterson, A., Kanzler, K. (2023). The benefits of making peace with pain: Chronic pain acceptance moderates the indirect effect of perceived burdensomeness between pain severity and suicidal cognitions. *Pain Medicine*, *24*(8), 993-1000.
- Pillow, D. R., Hale, W. J., Kohler, J., *Mills, S., & *Soler, J. (2023). The motivated appeal to hypocrisy: The relation of motivational threats to message rejection. *Frontiers in Psychology*, *14*, 1253132. <https://doi.org/10.3389/fpsyg.2023.1253132>
- +LoSavio, S. T., +Hale, W., Straud, C. L., Wachen, J. S., Mintz, J., Young-McCaughan, S., Vacek, S. N., Yarvis, J. S., Sloan, D. M., McGeary, D. D., Taylor, D. J., Keane, T. M., Peterson, A. L., & Resick, P. A., for the STRONG STAR Consortium and the Consortium to Alleviate PTSD. (2023). Impact of morally injurious traumatic event

- exposure on cognitive processing therapy outcomes among veterans and active duty service members. *Journal of Military, Veteran and Family Health*, 9(2), 40-51.
- Pruiskma, K., Taylor, D., Schuster-Wachen, J., Straud, C., **Hale, W.**, Mintz, J., Young-McCaughan, S., Peterson, A., Yarvis, J., Borah, E., Dondanville, K., Litz, B., Resick, P. (2023). Self-reported sleep problems in active duty US Army personnel receiving treatment for PTSD in group or individual formats: Secondary analysis of a randomized clinical trial. *Journal of Clinical Sleep Medicine*, 19(8), 1389-1398.
- Morissette, S., Blessing, A., Russell, P., **Hale, W.** (2023). Cannabis use disorder uniquely predicts educational impairment in college students over and above other mental health disorders. *Journal of American College Health*, 1, 1-8.
- Hale W.**, *Vacek, S., Swan, A. (2022). Associations between PTSD, depression, aggression, and TBI screening status: Test of a conditional process model. *Aggression and Violent Behavior*, 66, 101744.
- +Wachen, J. S., +Mintz, J., +LoSavio, S. T., +Kennedy, J. E., +**Hale, W. J.**, +Straud, C. L., Dondanville, K. A., Moring, J., Blankenship, A. E., Vandiver, R., Young-McCaughan, S., Yarvis, J. S., Peterson, A. L., Resick, P. A., for the STRONG STAR Consortium (2022). The effect of prior head injury on outcomes in group and individual cognitive processing therapy with military personnel. *Journal of Traumatic Stress*, 35(6), 1684-1695.
- Stern, S. L., Finley, E. P., Mintz, J., Jeffrey, M. D., Beaver, B. V., Copeland, L. A., Seawell, M. D., Bridgeman, C. H., Hamilton, A. B., Mata-Galan, E. L., Young-McCaughan, S., Hatch, J. P., Allegretti, A. L. C., **Hale, W. J.**, & Peterson, A. L. (2022). Adopting a Companion Dog Helps Veterans with Posttraumatic Stress Disorder in a Pilot Randomized Trial (2022). *Society & Animals*, 1, 1-22.
- +*Moore, B. A., +**Hale, W. J.**, & +Peterson, A. L. (2022). Development and validation of the Recovery-Dysfunction Implicit Association Test in military personnel and civilians with posttraumatic stress disorder. *Traumatology*, 29(1), 6-16.
- +Straud, C. L., +Moring J. C., +**Hale, W. J.**, *McMahon, C., *Moore, B. A., Baker, M. T., Bryant, R. A., Young-McCaughan, S., Isler, W. C., *Lara-Ruiz, J., Lancaster, C. L., Mintz, J., & Peterson, A., for the STRONG STAR Consortium (2022). Patterns of acute stress disorder in a sample of blast-injured military service members: A latent profile analysis. *Psychological Trauma: Theory, Research, Practice, and Policy*, 15(2), 255-264.
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- +*Moore, B. A., +**Hale, W. J.**, *Judkins, J. L., & Peterson, A. L. (2022). Development and psychometric validation of the Dispositional Recovery and Dysfunction Inventory: A tool to assess for positive and negative cognitions following trauma exposure. *Behavioural and Cognitive Psychotherapy*, 50(2), 203-218.
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- [†]*Crabtree, M., [†]**Hale, W.**, Meyer, E., Kimbrel, N., DeBeer, B., Gulliver, S., Morissette, S. (2021). Recent changes in psychological inflexibility precede subsequent changes in posttraumatic stress. *Journal of Clinical Psychology* 77(11), 2507-2528.
- [†]*Moore, B., [†]Straud, C., [†]**Hale, W.**, Baker, M., Gardner, C., *Judkins, J., Shinn, A., Savell, S., Cigrang, J., Mintz, J., *Rouska, A., McMahon, C., Lara-Ruiz, J., Young, S., Peterson, A. (2021). Post-9/11 service members: Associations between gender, marital status, and psychiatric aeromedical evacuations from combat zones. *Military Psychology*, 33(6), 436-445.
- Hale, W. J.**, *Moore, B. A., Straud C. L., Baker, M. T., & Peterson, A. (2021). Examination of the Factor Structure and Correlates of the Perceived Military Healthcare Stressors Scale. *Journal of Traumatic Stress* 34(1), 200-209.
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- Straud, C. L., Dondanville, K., **Hale, W.**, Schuster-Wachen, J., Mintz, J., Litz, B. T., Roache, J., Yarvis, J., Young-McCaughan, S., Peterson A. L., Resick, P; for the STRONG STAR Consortium (2021). The impact of hazardous drinking among active duty military with posttraumatic stress disorder: Does cognitive processing therapy format matter? *Journal of Traumatic Stress*, 34(1), 210-220.
- [†]Nason, E., [†]Borah, E., [†]**Hale, W.**, Schuster-Wachen, J., Dondanville, K., Borah, A., Yarvis, J., Mintz, J., Litz, B., Young-McCaughan, S., Peterson, A., Resick, P. (2021). The effects of interpersonal support on treatment outcomes using Cognitive Processing Therapy. *Cognitive Therapy and Research* 45(4), 679-688.
- [†]LoSavio, S. T., [†]**Hale, W. J.**, Moring, J. C., Blankenship, A. E., Dondanville, K. A., Wachen, J. S., Mintz, J., Peterson, A. L., Litz, B. T., Young-McCaughan, S., Yarvis, J., & Resick, P. A., for the STRONG STAR Consortium. (2021). Efficacy of individual and group cognitive processing therapy for military personnel with and without child abuse histories. *Journal of Consulting and Clinical Psychology*, 89(5), 476-482.
- *Judkins, J.L., *Moore, B.A., *Collette, T.L., **Hale, W.J.**, Peterson, A.L., & Morissette, S.B. (2020). The incidence rates of posttraumatic stress disorder over a 17-year period in active duty military service members. *Journal of Traumatic Stress*, 33(6), 994-1006.
- [†]Dillon, K., [†]**Hale, W.**, LoSavio, S., Wachen, J., Pruiksma, K., Yarvis, J., Mintz, J., Litz, B., Resick, P., for the STRONG STAR Consortium (2020). Weekly Changes in Blame and PTSD Among Active Duty Military Personnel Receiving Cognitive Processing Therapy. *Behavior Therapy*, 51(3),386-400.

- Straud, C., *Moore, B., **Hale, W.**, Baker, M., Gardner, C., Shinn, A., Cigrang, J., Litz, B., Mintz, J., *Lara-Ruiz, J., Young-McCaughan, S., Peterson, A., for the STRONG STAR Consortium (2020). Demographic and occupational risk factors associated with suicide-related aeromedical evacuation among deployed U.S. military service members. *Military Medicine*, 185(11), 1968-1976.
- Miles, S. R., Kent, T. A., Stanley, M., Thompson, K. E., Sharp, C., Niles, B. L., Young-McCaughan, S., Mintz, J., Roache, J. D., Litz, B. T., **Hale, W. J.**, Stanford, M. S., Keane, T. M., & Peterson, A. L., for the Consortium to Alleviate PTSD (2020). Manage Emotions to Reduce Aggression: A pilot study of a brief treatment to help veterans reduce impulsive aggression. *Journal of Nervous and Mental Disease*, 208(11), 897-903.
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- Taylor, D., Straud, C., **Hale, W.**, Grieser, E., Garb, L., & Garb, H. (2020). Sleep Difficulties as a Predictor of Attrition in United States Air Force Recruits. *Sleep Health*, 6(3), 338-343.
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- Pillow, D., **Hale, W.**, Crabtree, M., *Kordab, S., Hoza, B. (2020). Stimulant medication is associated with enhancing, rather than undermining, perceptions of the true academic self. *Journal of Social and Clinical Psychology*, 39, 592-616.
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- +Miles, S., +Dillon, K., +Jacoby, V., +**Hale, W.**, Dondanville, K., Schuster-Wachen, J., Yarvis, J., Peterson, A., Mintz, J., Litz, B., Young-McCaughan, S., +Resick, P. (2020), Changes

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- *Perrotte, J., Baumann, M., Garza, R., **Hale, W.** (2020). The combined relations of gender, enculturation, and depressive symptoms with health risk behaviors in Mexican-Americans: A moderated mediation analysis. *Ethnicity and Health*, 25(1), 47-64.
- *Moore, B. A., Moring, J. C., **Hale, W. J.**, & Peterson A. L. (2019). Incidence rates of tinnitus in active-duty military service members between 2001-2015. *American Journal of Audiology*, 28(4), 866-876.
- Kilpela, L., Calogero, R., Wilfred, S., Verzijl, C., **Hale, W.**, Black-Becker, C. (2019). The association between self-objectification and eating disorder pathology among ethnically diverse adult women across the lifespan: Cross-sectional and short-term longitudinal associations. *Journal of Eating Disorders*, 7(1), 1-10.
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- Taylor, D. J., Peterson, A. L., Pruiksma, K. E., **Hale, W. J.**, Young-McCaughan, S., Wilkerson, A., Nicholson, K., Litz, B. T., Dondanville, K. A., Roache, J. D., Borah, E. V., Brundige, A., & Mintz, J.; on behalf of the STRONG STAR Consortium. (2018). Impact of cognitive behavioral therapy for insomnia on sleep and comorbid symptoms in military personnel: A randomized clinical trial. *Sleep*, *41*(6).
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- Taylor, D. J., Wilkerson, A.K., Pruiksma, K.E., Williams, J.M., Ruggero, C.J., **Hale, W.J.**, Mintz, J., Organeck, K., Nicholson, K.L., Litz, B.T., Young-McCaughan, S., Dondanville, K.A., Borah, E.V., Brundige, A., & Peterson, A.L.; on behalf of the STRONG STAR Consortium (2018). Reliability of the Structured Clinical Interview for DSM-5 Sleep Disorders Module. *Journal of Clinical Sleep Medicine*, *14*(3), 459-464.
- Pillow, D., *Crabtree, M., *Galvan, M., **Hale, W.** (2017). Not Simply in the Eye of the Beholder: Authenticity as a Product of Candidate Preference and Unfettered Speech. *Political Psychology*, *39*(4), 849-868.
- Pillow, D., **Hale, W.**, *Crabtree, M., *Hinojosa, T. (2017). Exploring the relations between self-monitoring, authenticity, and well-being. *Personality and Individual Differences*, *116*, 393-398.
- Taylor, D., Peterson, A., Pruiksma, K., Young-McCaughan, S., Nicholson, K., Mintz, J., & the STRONG STAR Consortium [**Hale, W.** listed under group authorship] (2017). Internet

and In-person Cognitive Behavioral Therapy for insomnia in military personnel: A randomized clinical trial. *Sleep*, 40(6).

Hale, W., Richmond, M., Bennett, J., Berzins, T., & Osman, A. (2016). Resolving uncertainty about the Intolerance of Uncertainty Scale: Application of modern psychometric strategies. *Journal of Personality Assessment*, 98(2), 200-208.

Taylor D., Pruiksma K., **Hale W.**, Kelly K, Maurer D, Peterson A., Mintz J., Litz B., Williamson D., & the STRONG STAR Consortium (2016). Prevalence, correlates, and predictors of insomnia in the US Army prior to deployment. *Sleep*, 39(10), 1795–1806.

McGeary, C., Blount, T., Peterson, A., Gatchel, R., **Hale, W.**, McGeary, D. (2016). Interpersonal responses and pain management within the U.S. military. *Journal of Occupational Rehabilitation*, 26(2), 216-228.

Hale W., Perrotte, J., Baumann, M., Garza, R. (2015). Low self-esteem and positive beliefs about smoking: A destructive combination for male college students. *Addictive Behaviors*, 46, 94-99.

Pillow, D., Malone, G., **Hale, W.** (2015). The need to belong and its association with fully satisfying relationships: A tale of two measures. *Personality and Individual Differences*, 74, 259-264.

Hale, W., Pillow, D. (2015). Asymmetries in perceptions of self and others' hypocrisy: Rethinking the meaning and perception of the construct. *European Journal of Social Psychology*, 45(1), 88-98.

Baumann, M., Oviatt, D., Garza, R., Gonzales-Banks, A., Lopez, S., Alexander-Delpech, F., Beason, F., Petrova, V., **Hale, W.** (2014). Variation in BAS–BIS profiles across categories of cigarette use. *Addictive Behaviors*, 39(10), 1477-1483.

PEER REVIEWED CONFERENCE PROCEEDINGS

Pruiksma, K., Taylor, D., Wachen, J.S., Straud, C.L., **Hale, W.J.**, Mintz, J., Young-McCaughan, S., Peterson, A.L., Yarvis, J., Borah, E., others. (2021). Prevalence and impact of sleep problems in active duty military personnel receiving Cognitive Processing Therapy for PTSD. (Supplement_2 ed., vol. 44, pp. A285--A285). *Sleep*.

Moring, J., Peterson, A.L., Straud, C.L., Mintz, J., Nabity, P., Bira, L., Young-McCaughan, S., **Hale, W.J.**, McGeary, D., Resick, P. (2020). Preferences, Expectancies, and Stigma among Treatment Seeking Combat PTSD Patients. (s1 ed., vol. 4, pp. 34--35). *Journal of Clinical and Translational Science*.

Moring, J., Straud, C.L., Penzien, D., Resick, P., Peterson, A.L., Jaramillo, C., Eapen, B., McGeary, C., Mintz, J., **Hale, W.J.**, others. (2020). The Relationship Between Tinnitus-Related Distress and PTSD Symptoms Among Post 9/11 Veterans with Posttraumatic Headache. (s1 ed., vol. 4, pp. 38--39). *Journal of Clinical and Translational Science*.

- Perrotte, J., **Hale, W.J.** (2019). A latent profile investigation of alcohol expectancies and use in the context of authenticity. *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH* (vol. 43, pp. 65A--65A).
- Slavish, D., Taylor, D., Williamson, D., Resick, P., Pruiksma, K., Casady, T., Tyler, H., **Hale, W.**, Hummel, V., Blankenship, A., Dondanville, K., others. (2019). Changes in inflammatory biomarkers in active duty service members receiving CBT for insomnia and nightmares. *Psychosomatic Medicine* (4th ed., vol. 81, pp. A21--A21).
- Kanzler, K.E., Robinson, P., Munante, M., McGeary, D., Potter, J.S., Lopez, E., Mintz, J., Kilpela, L., **Hale, W.J.**, Dougherty, D., others. (2018). Early findings from a real-world RCT: Acceptance and commitment therapy (ACT) for persistent pain in an integrated primary care setting. (S1 ed., vol. 2, pp. 81--81). *Journal of Clinical and Translational Science*.
- Kanzler, K.E., Robinson, P., Munante, M., McGeary, D., Potter, J.S., MacIntyre, B.D., Lopez, E., **Hale, W.J.**, Mintz, J., Velligan, D. (2017). A novel treatment delivery of acceptance and commitment therapy for chronic pain in an integrated primary care setting. (S1 ed., vol. 1, pp. 69--69). *Journal of Clinical and Translational Science*.
- Roache, J., Raj, J., Blount, T., **Hale, W.J.**, Mintz, J., Murff, W., Carrizales, F., Guajardo, J. (2017). SSRI treatment of dual diagnosis PTSD and alcohol dependence in veterans: Opposite effects of Sertraline in EOA and LOA subtypes. *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH* (vol. 41, pp. 359A--359A).
- McGeary, D., Kanzler, K., Bryan, C., McGeary, C., Villarreal, R., **Hale, W.J.** (2017). The contribution of acceptance to chronic pain resiliency: A secondary analysis of the ESCAPE study. (vol. 51, pp. S686--S687). *Annals of Behavioral Medicine*.

INVITED WORKS/BOOK CHAPTERS

- Tekin, Ş., Swan, A. A., **Hale, W. J.**, & Pugh, M. J. (2022). Understanding Substance Use Disorders among Veterans: Virtues of the Multitudinous Self Model. In *Evaluating the Brain Disease Model of Addiction* (pp. 475-483). New York, NY: Routledge.
- Hale W.**, Osman, A. (2017). Reliability and Gender. In K. Nadal (Ed.), *The SAGE Encyclopedia of Psychology and Gender* (pp. 1406-1407). Thousand Oaks, CA: Sage Publications Inc.

SYMPOSIA ORGANIZED/CHAired

- Hale, W.** (Chair) (October, 2018). *What's the Chicken and What's the Egg? Examining Temporal Sequential Dependencies between PTSD and Malleable Risk and Protective Factors*. Symposium conducted at the 2018 San Antonio Combat PTSD Conference, San Antonio, TX.
- Hale, W.** (Chair) (October, 2019). *Classes, Trajectories, Transitions, Oh My! Using Latent Variable Mixture Modeling to Identify Clinically Meaningful Hidden Patterns in Cross-*

Sectional and Longitudinal Data. Symposium conducted at the 2019 San Antonio Combat PTSD Conference, San Antonio, TX.

RESEARCH TALKS/ORAL PRESENTATIONS

*denotes student author

Hale, W. (2019, October). Understanding the 'Who, What, When, Where, and Why's' of using Latent Variable Mixture Modeling in Trauma Research. In **W. Hale** (Chair), *Classes, Trajectories, Transitions, Oh My! Using Latent Variable Mixture Modeling to Identify Clinically Meaningful Hidden Patterns in Cross-Sectional and Longitudinal Data.* Symposium conducted at the 2019 San Antonio Combat PTSD Conference, San Antonio, TX.

*Knight, C., Straud, C., Ogbeide, S., **Hale, W.**, McNaughton-Cassil, M. (2019, October). Proactive coping as a predictor of health behavior adherence in college students. Oral presentation given at 2019 Annual Meeting of the Texas Psychological Association.

Hale, W. (2019, June). Piecing together the PTSD puzzle: Using statistics to understand who gets better and why. Invited talk given as part of the UTSA 50th Anniversary Speaker Series. Livestream of the event can be viewed at <https://www.youtube.com/watch?v=QTrn6h8Bnww&feature=youtu.be>

Straud C. L., Koch, L. N., Gerwell, K., Hansen, H., Baker, M. T., *Moore, B. A., **Hale, W. J.**, Lancaster, C. L. McNally, R., Isler, W. C., Litz, B. T., Mintz, J., & Peterson, A. L., (2019, August). Risk and Resiliency in Female Military Medical Personnel after Deployment to a Combat Support Hospital. Oral presentation at the Military Health Systems Research Symposium, Kissimmee, Florida.

Peterson A. L., Foa, E. B., Resick P. A., Hoyt, T., Straud C. L., *Moore, B. A., Favret, J. V., **Hale, W. J.**, Litz, B. T., Rogers, T., Stone, J. M., Villareal, R., Woodson, C. S., Young-McCaughan, S. & Mintz, J., for the STRONG STAR Consortium. (2019, June). Treatment of combat-related posttraumatic stress disorder in deployed settings. Oral presentation at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, Texas.

*Moore, B. A., **Hale, W. J.**, Moring, J., Golob, E., & Peterson, A. L. (2019, June). Reviewing the State of Implicit Cognition as a Behavioral Marker for the Identification of Behavioral Health Disorders. Oral presentation at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, Texas.

*Judkins, J., *Moore, B., **Hale, W.**, Stone, E., Welsh, A., & Morissette, S.B. (2019, June). Preliminary evaluation of the utility of an activity-based approach to training

resiliency. Oral presentation at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, TX.

Hale, W., Blankenship, A., Dondanville, K., DeVoe, E., Straud, C., Jacoby, V., Peterson, A., Williamson, D., & the STRONG STAR Consortium (2018, November). Relationships between Parental Status and PTSD. In K. Chard (Chair), *PTSD and Parenting in Veterans and Service Members, from Epidemiology to Treatment*. Symposium presented at the 34th annual meeting of the International Society for Traumatic Stress Studies, Washington, DC.

Nason, E., **Hale, W.**, Moring, J., Wachen, J., Cigrang, J., Peterson, A., Resick, P. (2018, November). Sexual Functioning Among Active Duty Service Members Following Completion of Cognitive Processing Therapy for PTSD. Oral presentation given at the 34th Annual Meeting of the International Society for Traumatic Stress Studies, Washington, D.C.

Hale, W. (2018, October). Using the Bivariate Latent Change Score Model to Examine Dynamic Longitudinal Relationships. In **W. Hale** (Chair), *What's the Chicken and What's the Egg? Examining Temporal Sequential Dependencies between PTSD and Malleable Risk and Protective Factors*. Symposium conducted at the 2018 San Antonio Combat PTSD Conference, San Antonio, TX.

*Crabtree, M., **Hale, W.**, Meyer, E., DeBeer, B., Kimbrel, N., Gulliver, S., Morissette, S. (2018, October). Dynamics of Risk: Changes in Psychological Inflexibility Precede Subsequent Changes in Posttraumatic Stress. In **W. Hale** (Chair), *What's the Chicken and What's the Egg? Examining Temporal Sequential Dependencies between PTSD and Malleable Risk and Protective Factors*. Symposium conducted at the 2018 San Antonio Combat PTSD Conference, San Antonio, TX.

LoSavio, S., **Hale, W.**, Dillon, K., Wachen, J., Pruiksma, K., Yarvis, J., Mintz, J., Litz, B., Peterson, A., Resick, P. (2018, October). Associations Between Weekly Changes in Blame and PTSD Symptoms Among Active Duty Military Personnel Receiving Cognitive Processing Therapy. In **W. Hale** (Chair), *What's the Chicken and What's the Egg? Examining Temporal Sequential Dependencies between PTSD and Malleable Risk and Protective Factors*. Symposium conducted at the 2018 San Antonio Combat PTSD Conference, San Antonio, TX.

Straud, C., **Hale, W.** Asnaani, A., Shah, D., Kaczurkin, A., Mintz, J., Yarvis, J., Peterson, A., Litz, B., Foa, E. (2018, October). Moderators of Improvements in Health Functioning in Active Duty Military Over the Course of PTSD Treatment. In **W. Hale** (Chair), *What's the Chicken and What's the Egg? Examining Temporal Sequential Dependencies between PTSD and Malleable Risk and Protective Factors*. Symposium conducted at the 2018 San Antonio Combat PTSD Confer/-*ence, San Antonio, TX.

- Young, -McCaughan, S., Peterson, A., Mintz, J., **Hale, W.**, and the STRONG STAR Consortium (2018, August). The Role of Exercise in the Treatment of PTSD. Oral presentation given at the 2018 Military Health System Research Symposium, Kissimmee, FL.
- Nason, E. E., Borah, E. V., Resick, P. A., Wachen, J. S., **Hale, W. J.**, Yarvis, J. S., Peterson, A. L., & the STRONG STAR Consortium. (2018, August). The relationship between interpersonal support and cognitive processing therapy outcomes for combat-related PTSD. In T. Hoyt (Chair), *Addressing complex care needs for service members and veterans*. Symposium conducted at the annual convention of the American Psychological Association, San Francisco, CA. *STRONG STAR Consortium group authors include (alphabetically): K. A. Dondanville, B. T. Litz, J. Mintz, S. Young-McCaughan
- Peterson, A., Baker, M., *Moore, B., **Hale, W.**, Joseph, J., Straud, C., Mintz J. (2018, June). Deployed Military Medics: Impact of Combat Healthcare Trauma Exposure. Oral presentation given at the San Antonio Military Research Symposium, San Antonio, Texas.
- *Lara-Ruiz, J., **Hale, W.**, Straud, C., Baker, M., Gardner, C., Young-McCaughan, S., Hancocok, A., Mintz, J., Cigrang, J., Peterson, A. (2018, June). Differences in Psychiatric Aeromedical Evacuations of Deployed Military Personnel During Operation Iraqi Freedom (OIF) And Operation Enduring Freedom (OEF). Presented at the San Antonio Military Research Symposium, San Antonio, Texas.
- Kanzler, K.E., Robinson, P., Munante, M., McGeary, D., Potter, J., Lopez, E., Mintz, J., Kilpela, L., **Hale, W. J.**, Dougherty, D. & Velligan, D. (2018, April). *Early Findings from a Real-World RCT: Acceptance and Commitment Therapy (ACT) for Persistent Pain in an Integrated Primary Care Setting*. Oral Abstract presented at Translational Science 2018, Washington, D.C.
- Dillon, K. H., **Hale, W.**, LoSavio, S. T., Wachen, J. S., Pruiksma, K., Yarvis, J. S., Mintz, J., Litz, B. T., Peterson, A. L., & Resick, P.A. (2017, November). Associations between weekly changes in blame cognitions and PTSD symptoms among active duty military personnel receiving cognitive processing therapy. In S. LoSavio (Chair), The role of posttraumatic cognitions in the development and maintenance, and treatment of PTSD and related disorders. Symposium conducted at the annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
- *Lara-Ruiz, J.M., Peterson, A.L., **Hale, W.J.**, Moring, J.C., Mintz, J. Young-McCaughan, S., Bryant, Isler, W., Baker, M.T., for the STRONG STAR Consortium. (2017, August). The Use of the PTSD Checklist as a Screener for Acute Stress Disorder in a Deployed Setting. Oral presentation given at the 2017 Military Health System Research Symposium, Kissimmee FL.

- *Lara-Ruiz, J. M., **Hale, W.J.**, Baker, M.T., Moring, J.C., Mintz, J., Young-McCaughan, S., Bryant, R.A., Broshek, D. K. Barth, J.T., Villareal, R., Lancaster, C.A., Malach, S.A., Isler, W., Peterson, A.L., for the STRONG STAR Consortium. (2017, June). Acute Assessment of Traumatic Brain Injury and Posttraumatic Stress after exposure to a Deployment-Related Explosive Blast. The Progress in the Treatment of PTSD in Post-9/11 Service Members: A 2017 Symposium Update of Results from The South Texas Research Organizational Network Guiding Studies on Trauma And Resilience (STRONG STAR). Oral presentation given at the 3rd annual SURF conference, San Antonio, TX.
- Roache, J. D., Raj, J. J., Blount, T., **Hale, W.**, Mintz, J., Murff, W. R., Carrizales, F., & Guajardo, J. (2017, June). SSRI treatment of dual diagnosis PTSD and alcohol dependence in Veterans: Opposite effects of Sertraline in EOA and LOA subtypes. Talk presented at the 40th annual meeting of the Research Society on Alcoholism, Denver, CO.
- *Crabtree, M., Pillow, D., **Hale, W.** (2017, April). Amending the Dual-factor Model of Facebook Use: Network density and self-disclosure. Talk presented at the 2017 annual meeting of the Southwestern Psychological Association, San Antonio, TX.
- McGeary, D., Kanzler, K., Bryan, C., McGeary, C., Villareal, R., **Hale, W.**, (2017, March). The contribution of acceptance to chronic pain and resiliency: A secondary analysis of the ESCAPE study. Talk presented at the 38th annual meeting of the Society of Behavioral Medicine, San Diego, CA.
- Jacoby, V., **Hale, W.**, Dillon, K., Pruiksma, K., Dondanville, K., Wachen, J. S., Yarvis, J. S., Resick, P. A., & the STRONG STAR Consortium. (2016, November). Treating PTSD from traumatic loss in the military: The role of depression, guilt, and anger. In E. Newman (Chair), *Predictors of trauma-related stress in high-risk occupations*. Symposium presented at the annual meeting of the International Society for Traumatic Stress Studies, Dallas, TX.
- Taylor, D., Pruiksma, K., **Hale, W.**, Kelly, K., Maurer, D., Peterson, A., Mintz, J., Litz, B., Borah, E., Brundige, A., Young-McCaughan, S., Williamson, D., for the STRONG STAR Consortium. (2016, August). *Prevalence, correlates, and predictors of insomnia in the military*. Paper presented at the Military Health System Research Symposium, Kissimmee, FL.
- Peterson, A., **Hale, W.**, Baker, M., Cigrang, J., Young-McCaughan, S., Arant-Daigle, D., Dukes, S. (2016, April). Psychiatric aeromedical evacuations of deployed U.S. military personnel during Operation Iraqi Freedom and Operation Enduring Freedom 2001-2013. Presentation given at the Aerospace Medical Association 87th Annual Scientific Meeting, Atlantic City, NJ.

Hale, W. (2014, April). “That’ll Take Them Down a Peg: Perceiving Hypocrisy as a Form of Outgroup Derogation.” Presentation given at the 2014 SACNAS National Conference, Los Angeles, CA. Winner, 1st place, Graduate Psychology Student category.

Hale, W. (2013, October). “Effects of Violating Core Social Motives.” Presented at the University of Texas at San Antonio’s Fall 2013 “Ready, Set, Research” Competition. Winner, 1st place, Doctoral Student category.

MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

*denotes student author

Under Review:

Hale, W., Asnaani, A., Shah, D., Yarvis, J., Peterson, A., Foa, E., and the STRONG STAR Consortium. Longitudinal associations between perceptions of health functioning and PTSD severity in active duty military over the course of PTSD treatment.

In Preparation:

Hale, W., *Moore, B., Straud, C., Resick, P., Mintz, J., Peterson, A. (in preparation). Using latent class analysis to identify unique patterns of emotional regulation strategies in U.S. servicemembers seeking treatment for PTSD.

Kanzler, K., Bryan, C., **Hale, W.,** Mintz, J., McGeary, D. (in preparation). Evaluating Suicidality, Cognitions and Pain Experiences in Military Patients: The ESCAPE Study.

Hale, W., Shah, D., Peterson, A. (in preparation). Assessing psychometric characteristics of the Acute Stress Disorder Scale in a sample of blast-injured U.S. servicemembers.

Hale, W., Pillow, D. (in preparation). Is authenticity in the eye of the beholder? A social relations analysis.

Hale, W., Measuring authenticity in ourselves, close friends, and acquaintances: Measurement invariance of the Authenticity Scale across targets of varying familiarity.

Hale, W. (in preparation). Application of a bifactor model to the Authenticity Scale.

Hale, W. (in preparation). Authenticity is more than just honesty, integrity, and sincerity: Unique relationships between authenticity and well-being, mental health, and social functioning.

Hale, W., Pillow, D. (in preparation). The Achieved Self-Verification Scale: Assessing epistemic and pragmatic outcomes associated with Self-Verification Theory.

Hale, W., Pillow, D. (in preparation). How violations of core social motives influence perceptions of hypocrisy and cause message rejection.

ABSTRACTS/POSTERS

*denotes student author

*Lyle, A., Swan, A., Tekin, S., **Hale, W. J.**, & Pugh, M. J. (July 2022). "Understanding Substance Use Disorder among Veterans with and without Traumatic Brain Injury: Merits of the Multitudinous Self Model.," National Neurotrauma Symposium, Atlanta, GA.

Blessing, A., **Hale, W. J.**, & Morissette, S. (July, 2022). "Cannabis use disorder uniquely predicts educational impairment in college students over and above other mental health disorders.," Research Society on Marijuana 2022 Annual Meeting, Boston, MA.

*Vacek, S., **Hale, W.** (May, 2022). "Exploring Multi-Dimensional Profiles of Childhood Trauma Experiences in Active-Duty U.S. Military Members," 2022 Annual Meeting of the American Psychological Society, American Psychological Society, Chicago, IL. (May 2022).

*McMahon, C. J., Straud, C. L., Zwetzig, S. E., Baker, M. T., Ojeda, A., **Hale, W. J.**, Young-McCaughan, S., Moore, B. A., Lancaster, C. L., McNally, C. L., McNally, R. J., Isler, W. C., Litz, B. T., Mintz, J., & Peterson, A. L., for the STRONG STAR Consortium (2021, June). Psychological Risk and Resiliency in Female Military Medical Personnel across the Deployment Cycle. Poster presented virtually at the San Antonio Military Health System and Universities Research Forum, San Antonio, Texas.

*Horton, A., Swan, A., **Hale, W.**, Pugh, M. (2020, May). The influence of race/ethnicity, social support, and family functioning on depressive symptom reporting among post-9/11 veterans. Poster presentation virtually at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, Texas.

Moring, J., Peterson, A., Straud, C., Mintz, J., Nabity, P., Bira, L., Young-McCaughan, S., **Hale, W.**, McGeary, D., Resick, P. (2020, April). The relationship between tinnitus-related distress and PTSD symptoms among post-9/11 veterans. Presented virtually at the Annual Meeting for Clinical and Translational Science.

Moring, J., Straud, C., Penzien, D., Resick, P., Peterson, A., Jaramillo, C., Eapen, B., McGeary, D., Houle, T., Mintz, J., **Hale, W.**, Keane, T., McGeary, D. (2020, April). The relationship between tinnitus-related distress and PTSD symptoms among post-9/11 veterans. Presented at the annual meeting for the Association of Clinical and Translational Science, Washington, D.C.

- Straud, C., Lara-Ruiz, J., Dondanville, K., **Hale, W.**, Wachen, J., Mintz, J., Litz, B., Roache, J., Yarvis, J., Young-McCaughan, S., Peterson, A., Resick, P. (2019, November). The impact of hazardous alcohol use in Cognitive Processing Therapy among active duty service members with PTSD: Does treatment modality matter? Poster presented at the 35th Annual Meeting of the International Society for Traumatic Stress Studies, Washington, D.C.
- *Horton, A., *Longoria, A. J., **Hale, W.**, Kalvesmaki, A., Pugh, M. J., Swan, A. A. (2019, October). Long-term Social Support and Resilience among Male and Female Post-9/11 Veterans. Poster presented at the 2019 Combat Post-traumatic Stress Conference, San Antonio, TX.
- *Judkins, J., *Moore, B., *Collette, T., **Hale, W.** (2019, October). The mediating role of authenticity on psychological hardiness in individuals with Posttraumatic Stress Disorder. Poster presented at the 2019 Combat Post-traumatic Stress Conference, San Antonio, TX.
- *Judkins, J., *Moore, B., *Collette, T., **Hale, W.**, Peterson, A., Morissette, S. (2019, October). Incidence rates of PTSD over a 17-year period in active-duty military service members. Poster presented at the 2019 Combat Post-traumatic Stress Conference, San Antonio, TX.
- Hale, W. J.**, *Moore, B. A., Straud, C. L., Mintz, J., Dillon, K. H., LoSavio, S. T., Wachen, J. S., Litz, B. T., Young-McCaughan, S., Peterson, A. L., & Resick, P. (2019, August). The Association between Weekly Changes in Trauma-Related Catastrophizing and Weekly Changes in PTSD Symptoms Among Active Duty Military Personnel Receiving Cognitive Processing Therapy. Poster presented at the Military Health Systems Research Symposium, Kissimmee, Florida.
- Taylor, D.J., Resick, P.A., Pruiksma, K. E., Nicholson, K., Dietch, J.R., Slavish, D.C., Dondanville, K.A., Wardle-Pi8nkston, S., Mintz, J., Hale, W.J., Litz, B.T., Young-McCaughan, S., Keane, T.M., & Peterson, A.L.; for the Consortium to Alleviate PTSD. (2019, August). *Treatment of Comorbid Sleep Disorders and PTSD: Self-Report Findings*. Poster presented at the Military Health System Research Symposium, Kissimmee, FL.
- *Moore, B. A., **Hale, W. J.**, *Judkins, J. L., Lancaster, C. A., Baker, M. T., Isler, W. C., & Peterson, A. L., for the STRONG STAR Consortium. (2019). Perspectives on deployment: Risk and resilience in deployed military medical personnel: A qualitative analysis of postdeployment focus groups perspectives. Poster presentation at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, Texas.

- Peterson A. L., Foa, E. B., Resick P. A., Hoyt. T., Straud C. L., *Moore, B. A., Favret, J. V., **Hale, W. J.**, Litz, B. T., Rogers, T., Stone, J. M., Villareal, R., Woodson, C. S., Young-McCaughan, S. & Mintz, J., for the STRONG STAR Consortium. (2019). Treatment of combat-related posttraumatic stress disorder in deployed settings. Poster presentation at the San Antonio Military Health Systems (SAMHS) and Universities Research Forum (SURF), San Antonio, Texas.
- *Judkins, J. L., *Moore, B. A., **Hale, W. J.**, Stone, E., Welsh, A., & Morissette, S. (2019). Evaluation of an Activity-based Approach to Training Psychological Hardiness. Presented at the 19th Annual College of Liberal and Fine Arts Research Spring Research Conference, San Antonio, Texas.
- *Moore, B. A., *Collette, T., *Kilgore, R., *Wheeler, B., *Hanson, S., & **Hale, W.** (2019). Longitudinal Associations between PTSD and Catastrophic Thinking. Presented at the 19th Annual College of Liberal and Fine Arts Research Spring Research Conference, San Antonio, Texas.
- *Kilgore, R., *Wheeler, B., *Hanson, S., *Moore, B. A., *Collette, T., & **Hale, W.** (2019). Evaluating different versions of the Multigroup Ethnic Identity Measure: Application of modern psychometric strategies. Presented at the College of Liberal and Fine Arts Research Spring Research Conference, San Antonio, Texas.
- *Wheeler, B., *Kilgore, R., *Hanson, S., *Moore, B. A., *Collette, T., & **Hale, W.** (2019). Relationships between Profiles of Anger and Aggression Profiles and Treatment Outcomes in Veterans with PTSD. Presented at the 19th Annual College of Liberal and Fine Arts Research Spring Research Conference, San Antonio, Texas.
- *Hanson, S., *Wheeler, B., *Kilgore, R., *Moore, B. A., *Collette, T., & **Hale, W.** (March 2019). Depression Suppresses Treatment Response for Traumatic Loss-Related PTSD in Active Duty Military Personnel. Presented at the 19th Annual College of Liberal and Fine Arts Research Spring Research Conference, San Antonio, Texas.
- Goodie, J. L., McGeary, D. D., Kanzler, K.E., McGeary, C., Young-McCaughan, S., **Hale, W.**, Blankenship, A., Hunter, C. L., Dobbmeyer, A., Cobos, B., & Peterson, A. (2018). Targeting Chronic Pain in Primary Care Settings Using Internal Behavioral Health Consultants: A Pragmatic Study Design. Poster presented at the AMSUS Annual Continuing Education Meeting, National Harbor, Maryland.
- Hale, W.**, Straud, C., Hansen, H., *Lara-Ruis, J., Moring, J., Peterson, A. (2018). Gender-based Differential Predictors of Suicide Ideation and Suicide Attempts in Psychiatric

Aeromedical Evacuations from OEF and OIF. Poster presented at the 34th Annual Meeting of the International Society for Traumatic Stress Studies, Washington, D.C.

*Lara-Ruis, J., Straud, C., **Hale, W.**, Hansen, H., Shah, D., Baker, M., Bryant, R., Isler, W., Hancock, A., Mintz, J., Cigrang, J., Peterson, A. (2018). The Impact of Head Trauma History on Symptom Presentation in Deployed Settings after Acute Blast Injury. Poster presented at the 2018 Military Health System Research Symposium, Kissimmee, FL.

Hale, W., Straud, C., Hansen, H., *Lara-Ruis, J., Moring, J., Peterson, A. (2018). Cumulative Combat Experiences, Posttraumatic Stress Disorder, and Posttraumatic Growth among Military Personnel Assessed after a Blast Exposure. Poster presented at the 34th Annual Meeting of the International Society for Traumatic Stress Studies, Washington, D.C.

Straud, C., **Hale, W.**, Moring, J., *Lara-Ruis, J., Bryant, R., Baker, M., Cigrang, J., Isler, W., Young-McCaughan, S., Peterson, A. (2018). Psychological Health & Resilience - Patterns of Acute Stress Disorder and the Impact of Neuropsychiatric Symptoms in a Sample of Blast-Injured Military Service Members: A Latent Profile Analysis. Poster presented at the 2018 Military Health System Research Symposium, Kissimmee, FL.

Moring, J., Nason, E., Wachen, J., Dondanville, K., Mintz, J., **Hale, W.**, Litz, B., Yarvis, J., Young-McCaughan, S., Peterson, A., & Resick, P. (2018). Comorbid PTSD and Depression among Active Duty Military Members. Presented at the Association for Behavioral and Cognitive Therapies Annual Convention, Washington DC.

*Moore, B., **Hale, W.**, Nabity, P., McGeary, D., & Peterson, A. (2018). A Retrospective, Epidemiological Review of Hemiplegic Migraines in a Military Population. Presented at the San Antonio Military Research Symposium, San Antonio, Texas.

Miles, S., Mutolo, S., Monahan, C., **Hale, W.**, Mintz, J., Peterson, A., Roache, J., Young-McCaughan, S., Keane, T., Litz, B., Niles, B., Wachen, J. (2018). Manage Emotions to Reduce Aggression (MERA): Findings from an open trial. Presented at Tampa VA Research Day, Tampa, FL.

Kilpela, L.S., Verzijl, C. Wilfred, S., **Hale, W.**, Calogero, R., Stewart, T., and Becker, C.B. (2018). Objectification theory in a multi-ethnic sample: An evaluation of body shame operationalization as a mediator of self-objectification and eating disorder pathology. Presented at the 2018 International Conference on Eating Disorders, Chicago, IL.

Miles, S., **Hale, W.**, Dillon, K., Jacoby, V., Dondanville, K., Wachen, J., Yarvis, J., Peterson, A., Mintz, J., Litz, B., Young-McCaughan, S., Resick, P., for the STRONG STAR Consortium (2017). Changes in anger and aggression after Cognitive Processing Therapy in active duty military. Poster presented at the 2017 Combat PTSD conference, San Antonio, TX.

- Hale, W.,** Pillow, D. (2017). To Thine Own Self Be True (Even If No One Else Can Tell): A Social Relations Analysis of the Construct of Authenticity (2017). Poster presented at the 2017 Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- *Crabtree, M., **Hale, W.,** Meyer, E., Kimbrel, N., DeBeer, B., Gulliver, S., Kruse, M., & Morissette, S. (2016). The dynamics of risk: Prior changes in psychological flexibility predict subsequent changes in posttraumatic stress severity. Poster presented at the 2016 Combat PTSD Conference, San Antonio, TX.
- Peterson, A., **Hale, W.,** Baker, M., Cigrang, J., Pugh, M., Gardner, C., Arant-Daigle, D., Williams Christians, I., Young-McCaughan, S., Mintz, J., & Dukes, S., for the STRONG STAR Consortium (2016). Psychiatric aeromedical evacuations of deployed U.S. military personnel during Operation Iraqi Freedom and Operation Enduring Freedom 2001-2013. Presented at the 2016 Military Health System Research Symposium, Kissimmee, FL.
- Peterson, A., Resick, P., Young-McCaughan, S., Mintz, J., McGeary, D., McGeary, C., Dillon, K., Brundige, A., Villarreal, R., Moring, J., Bira, L., Williams Christians, I., Velligan, D., **Hale, W.,** McLaughlin, N., & Flores, A., for the STRONG STAR Consortium. (2016). *Clinical effectiveness trial of in-home Cognitive Processing Therapy for combat-related PTSD*. Poster presented at the 2016 Military Health System Research Symposium, Kissimmee, FL.
- *Stetler, J., *Hernandez, L., **Hale, W.,** *Crabtree, M., & Pillow, D. (2016) Effects of self-monitoring on perceived authenticity in dyads. Presented at the 2016 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
- *Crabtree, M., *Hernandez, L., Hale, W., & Pillow, D. (2016). Development and validation of self-presentation strategies in the context of social media. Presented at the 2016 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Hale, W.,** Pillow, D. (2015). Authenticity and self-monitoring: New insights into an old construct. Presented at the 2015 Annual Meeting of the Society for Personality and Social Psychology. Long Beach, CA.
- Hinojosa, T., **Hale, W.,** Pillow, D. (2015). Tactical impression management on Facebook. Presented at the 2015 Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.
- Perrotte, J., **Hale, W.** (2015). Gender differences in depression and risky behavior in Mexican-Americans: The role of Spanish language preference. Presented at the 2015 Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.

- Hale, W.,** Pillow, D. (2014). Exploring the roles of authenticity, self-verification, and self-esteem in predicting feelings of belongingness. Presented at the 26th Annual Association of Psychological Science Conference. San Francisco, CA.
- Hinojosa, T., **Hale, W.,** Pillow, D. (2014). Does self-monitoring facilitate or impede authenticity? Presented at the 26th Annual Association of Psychological Science Conference, San Francisco, CA.
- Pillow, D., **Hale, W.** (2014). "Ain't nobody got time for that:" Violations of core social motives influence perceptions of hypocrisy and cause message rejection. Presented at the 26th Annual Association of Psychological Science Conference.
- Wilborn, K., **Hale, W.,** Stoerkel, E., Knight, C., Mangold, D. (2014). Extraversion protects against the influence of neuroticism on depression following childhood trauma. Presented at the 2014 annual meeting of the American Psychological Association, Washington, D.C.
- Hale, W.,** Pillow, D., Flores, V., Hewitt, S. (2014). The effects of group status, gender, and social threats on perceptions of hypocrisy. Presented at the 2014 Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
- Garza, R., **Hale, W.,** Perrotte, J. (2014). Cultural norms, cognitive dissonance, self-esteem, and smoking: A moderated mediation analysis. Presented at the 2014 Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
- Perrotte, J., **Hale, W.,** Garza, R. (2014). Exploring the gender gap in smoking: The role of self-esteem and the destructive power of positive beliefs. Presented at the 2014 Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
- Knight, C., Wilborn K., **Hale, W.,** Mangold, D. (2014). The impact of stress, neuroticism and childhood trauma on depression in Mexican-Americans. Presented at the 2014 Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.
- Hale, W.,** Pillow, D. (2013). The cornered cat: Perceiving hypocrisy in response to social threats. Presented at 2013 Annual Meeting of the Society for Personality and Social Psychology.
- Pillow, D., Malone, G., **Hale, W.** (2013). Beyond personal relationships: How group membership adds value in achieving belongingness and well-being. Presented at 2013 Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Hale, W.,** Pillow, D. (2012). The effects of perspective on perceptions of moral hypocrisy. Presented at 2012 Annual Meeting of the Society for Personality and Social Psychology. San Diego, CA.

TEACHING EXPERIENCE

Graduate:

2017-present Inferential Statistics (4 sections), Department of Psychology.
University of Texas at San Antonio. San Antonio, TX.
Average Course Rating: 4.66/5

2019-present Special Topics in Longitudinal Data Analysis (1 section), Department of
Psychology. University of Texas at San Antonio. San Antonio, TX.
Average Course Rating: 4.0/5

Undergraduate:

2012-present Statistics for Psychology (8 sections), Department of Psychology.
University of Texas at San Antonio. San Antonio, TX.
Average Course Rating: 4.85/5

GRADUATE SUPERVISION

Dissertations Chaired:

Kilgore, Rebecca: The Mediating Role Of Social Support On The Relationship Between PTSD
and Aggression: Examining Racial/Ethnic Differences. Successfully defended Fall 2022.

Collette, Tyler: The Role of Weekly Changes in Rumination on PTSD Symptoms in U.S. Army
Soldiers Receiving Cognitive Processing Therapy. Successfully defended Summer, 2020.

Moore, Brian (Co-Chair with Dr. Alan Peterson): Development and Psychometric Validation of
the Disability/Recovery Implicit Association Test: Assessing Implicit/Explicit Self-
Concept in People with Posttraumatic Stress Disorder. Successfully defended Fall, 2019.

Other Doctoral Committees Served On:

Mohammed, Zainab: Why can't we be friends? The failure of group-affirmation as a means of
buffering external threat. Successfully completed Spring 2023.

Sterne, Chelsea: The identification of genetic biomarkers for fibromyalgia and PTSD in military
members following a combat deployment. Successfully completed Spring 2023.

Zaring-Hinkle, Brittany: Evaluating Posttraumatic Stress as a Predictor of Substance Use Among
Pregnant and Postpartum Women in Residential Treatment: A Latent Class Analysis.
Successfully completed Spring 2022.

Cobos, Briana: The Proposed Utilization of Health Promotion and Adherence Model Components in Assessing Adherence for Chronic Pain Interdisciplinary Care in Military Personnel and Veterans. Successfully completed Summer, 2021.

Kohler, Janelle: The Hide and Seek Model of Authenticity. Successfully completed Spring, 2021.

Judkins, Jason: Examination of the moderating effects of the psychological resiliency mindset model on decision making directly after analogue trauma exposure. Successfully completed Spring, 2020.

Deller, James: Optimal use of information in decision making teams. Successfully defended Spring 2019.

Lara-Ruis, Jose: Traumatic brain injury and health outcomes in military personnel across the deployment cycle. Successfully defended Spring, 2019.

MS Theses Chaired:

Sarah Vacek: Anticipated title: Understanding the nature of childhood trauma in deployed service members. Successfully completed Spring, 2021.

Wheeler, Brigid: Anticipated title: Examining the factor structure of the Interpersonal Support Evaluation List-12 in Deployed Service Members. Successfully defended Summer, 2020.

Kilgore, Rebecca: Evaluating different versions of the multi-group ethnic identity measure: Application of modern psychometric strategies. Successfully defended Spring, 2019.

Other MS Theses Served On:

Jacqueline Lucero: Made in America with Mexican parts: Validating the Bicultural Stress Measure. Successfully completed Summer 2023.

Emerson Larios: Pre-existing sleeping patterns and their effect on stress development. Successfully completed Summer 2023.

Kaitlin West: The effects of negative leader behaviors on graduate student well-being. Successfully completed Summer 2022.

Robertson, Breahna: Subthreshold PTSD in college undergraduate students: Examining definitions and functional outcomes. Successfully completed Fall 2020.

Martinez, Alejandro: Further validation of scores on the Social Anxiety Disorder Index-5. Successfully completed Spring, 2020.

Palomin, Amanda: The Multidimensional Sense of Belonging Inventory-21: Further Validation in an Undergraduate Sample. Completed Spring, 2020.

Longoria, Anthony: The creation and validation of the Media Distress Scale. Completed Spring, 2020.

Fagan, Joanna: Psychological inflexibility as a moderator of the relationship between PTSD-MDD comorbidity and NSSI. Completed Spring, 2020.

Cox, Sydney: Gender differences in reporting and social desirability bias. Completed Spring, 2019.

Andrew Soto: Parental influences, academic success, and well-being among collect students. Completed Spring, 2019.

Kohler, Janelle: College transitions: Home and away. Completed Spring, 2018.

Callen, Anna: The role of anger, mental health, and other factors in 21st century mass shootings. Completed Spring, 2018.

Zamundio, Jennifer: More than perceived social distance: The effect of collectivism on social discounting. Completed Summer, 2018.

Non-thesis MS Committees Chaired:

Lindsey, Paige (Completed Fall, 2022).

Walker, Judge (Completed Spring 2022).

UNDERGRADUATE SUPERVISION

Undergraduate Independent Studies:

Hanson, Savannah

Rebecca Bleil

Chelsea Robenalt

Karen Cox

FUNDING HISTORY

Current Funding:

Source (amount): Congressionally Directed Medical Research Programs (Main Award 1.5M), University of Utah (Sub-award-120,000)
 Award Number: Pending
 Dates: 9/20-9/24
 Title: Military Injuries: Understanding post-Traumatic Epilepsy [MINUTE], Health and Quality of Life Effects of Caregiving
 PI: Mary Jo Pugh (Main Award), Willie Hale, Ph.D. (Sub-award)
 Goal of Project: The aims of this study are to examine longitudinal and cross sectional relationships between head injury severity and quality of life outcomes in military servicemembers and their caregivers.
 Role: Co-Investigator (Main Award), Primary Investigator (Sub-award)

Source (amount): Congressionally Directed Medical Research Programs, Pain Collaboratory Program (UG3/UH3) (\$7,352,000)
 Award Number: Pending
 Dates: 9/17-9/23
 Title: Targeting Chronic Pain in Primary Care Settings Using Internal Behavioral Health Consultants
 PI: Don McGeary, Ph.D.
 Goal of Project: The primary aim of this bi-phasic study is to develop procedures and test the effective use of Internal Behavioral Health Consultants (IHBCs) in treating chronic pain in primary care settings. The first phase involves planning, where we will work with the NIH-DoD-VA Pain Management Collaboratory to refine the clinical protocol, establish clinically relevant outcome measures, develop recruitment procedures, train IBHCs, and observe IBHC pain management practices and usual care in preparation for the second phase. In the second phase of Implementation, we will conduct a large, multi-site and joint-service pragmatic demonstration study to test execution of the developed evidence-based IBHC Chronic Pain Pathway.
 Role: Co-Investigator

Completed Funding:

Source (amount): South Texas Veterans Healthcare System (\$29,900)
 Award Number: None
 Dates: 6/21-9/21
 Title: Identifying Predictors of PTSD Worsening and Suicide Risk
 PI: Willie Hale, Ph.D.
 Goal of Project: The goal of this project was to examine existing VA databases to develop algorithms to identify veterans who were at risk for developing PTSD and/or committing suicide.
 Role: Primary Investigator

Source (amount): UTSA VPR Office
Award Number: None
Dates: 9/20-8/21
Title: The Impact of Cannabis Use and Disorder Alone and in Combination with Other Substance Use and Mental Health Disorders on Academic Success in College Students (5,000.00)
PI: Sandra Morissette, Willie Hale
Goal of Project: The aims of this study are to examine the degree to which mental health disorders interact with various illicit substances to influence academic performance in undergraduate college students.
Role: Co-Primary Investigator

Source (amount): National Institute of Mental Health (\$1,072,141)
Award Number: R01MH117600
Dates: 8/18-6/21
Title: Identifying Suicidal Subtypes and Dynamic Indicators of Increasing and Decreasing Suicide Risk
PI: Craig Bryan, Ph.D.
Goal of Project: The primary aim of the study is to conduct secondary analyses on data in the STRONG STAR data repository to advance our understanding of temporal processes associated with the escalation and resolution of suicide risk. Analyses will utilize contemporary quantitative methods that enable the simultaneous modeling of multiple outcome variables and allow for complex nonlinear, change processes.
Role: Co-Investigator

Source (amount): University of Texas Health Science Center (Subaward, \$40,390.00)
Award Number: None
Dates: 6/20-9/20
Title: Secondary Data Analysis of Data from the STRONG STAR Consortium to Alleviate PTSD
PI: Willie Hale, Ph.D.
Goal of Project: The goal of this project was to mine the STRONGSTAR CAP database for longitudinal predictors of PTSD response across the consortium's sixty clinical trials.
Role: Primary Investigator

Source (amount): Congressionally Directed Medical Research Programs, Psychological Health/Traumatic Brain Injury Research Program (\$3,478,000)
Award Number: W81XWH-13-2-0065
Dates: 9/16-9/20

Title: Project Remission: Maximizing Outcomes with Intensive Outpatient Treatments for PTSD

PI: Alan Peterson, Ph.D., ABPP

Goal of Project: The primary aim of the study is to conduct a two-armed randomized clinical trial ($N = 200$) to compare two Intensive Outpatient Programs for combat-related PTSD in active duty servicemembers and veterans and to evaluate the efficacy of brief cognitive behavioral therapy modules for insomnia, depression, and alcohol use to target comorbid symptoms of combat related PTSD.

Role: Co-Investigator

Source (amount): NIH Extramural Loan Repayment Program for Clinical Researchers (\$42,325.00)

Award Number: 1 L30 MH111010-01

Dates: 7/16-6/18

Title: Support and Supplementation of Existing STRONG STAR Studies

PI: Willie Hale, Ph.D.

Goal of Project: This competitive award from the NIH/NIMH was in support of my application centered on my postdoctoral fellowship training in trauma psychology wherein I provided design and analytical support for many of the studies under the umbrella of the STRONG STAR Multidisciplinary PTSD Consortium.

Role: Primary Investigator

GRANTS CURRENTLY UNDER REVIEW

Source (amount): National Institutes of Health (1,938,785.00)

Title: Attention Mechanisms of Cognitive Hearing in Normal Aging (Submitted 10/21)

PI: Ed Golob, Ph.D., Jeffrey Mock, Ph.D., Thomas Coyle, Ph.D., Willie Hale, Ph.D.

Goal of Project: The aim of this determine mediators and moderators of hearing in younger vs. older adults.

Role: Co-Primary Investigator

Source (amount): U.S. Department of Defense Congressionally Mandated Medical Research Programs (1,938,785.00)

Title: Investigating Objective Measures of Habitual Pre-Trauma Sleep as Potential Risk Factors for Future PTSD and Accompanying Abnormal Neural Correlates (Submitted 6/21)

PI: Itamar Lerner, Ph.D., Willie Hale, Ph.D.

Goal of Project: The aim of this study is to identify quantifiable sleep measures that can be used to predict the onset, maintenance, and amelioration of PTSD, as well as to identify areas of the brain associated with these interrelationships.

Role: Co-Primary Investigator

Source (amount): National Institutes of Health (Main Award-1,325,496.53), University of Texas Health Science Center at San Antonio (Sub-award-78,686.00)

Title: Remote Cognitive Adaptation Training to Improve Medication Follow Through in Managed Care (R-CAT) (Submitted 11/21)

PI: Dawn Velligan (Main Award), Willie Hale, Ph.D. (Sub-award)

Goal of Project: The aims of this study are to examine whether a novel intervention can improve medication adherence in patients in managed care.

Role: Co-Investigator (Main Award), Primary Investigator (Sub-award)

UNFUNDED GRANTS

Source (amount): U.S. Department of Defense (581,036.00)

Title: Using Behavioral Health Phenotypes to Identify Driving Factors in Recovery following Traumatic Brain Injury (Submitted 9/20)

PI: Alicia Swan, Ph.D., Willie Hale, Ph.D.

Goal of Project: The aims of this study were to examine VA data to identify individuals most likely to recover from a TBI.

Role: Co-Primary Investigator

Source (amount): National Institutes of Health (1,794,517.00)

Title: Age Differences in Attention Capture Dynamics (Submitted 7/20, 3/21)

PI: Ed Golob, Ph.D., Jeffrey Mock, Ph.D., Willie Hale, Ph.D.

Goal of Project: The goal of this study was to examine how younger and older people differ with respect to ways in which salient cues are attended to and processed.

Role: Co-Primary Investigator

Source (amount): Templeton Foundation (200,000.00)

Title: Do You See What I See? Virtues and Self-Concepts in Military Servicemembers and Veterans (Submitted 9/19)

PI: Willie Hale, Ph.D., Serife Tekin, Ph.D.

Goal of Project: The aims of this study are 1) to examine the degree to which people with PTSD know how others see them on a variety of factors, 2) to establish whether their metaperceptions are consistent with their own self-views as well as the actual views of others, and, 3) to determine

whether discrepancy in metaperceptions and self-views or others' views are related to several risk and protective factors for PTSD.
Role: Primary Investigator

Source (amount): Department of Defense (1,500,000.00)
Title: Executive Functions, Brain Games, and Brain Stimulation: An RCT for Mild TBI (Submitted 9/19)
PI: Thomas Coyle, Ph.D.
Goal of Project: The goals of this study were to 1) determine whether interactive brain video games can improve general cognitive function and life outcomes in mTBI, and, 2) to examine the potential efficacy of transcranial electrical stimulation (delivery of electrical current to the cortex via scalp electrodes) to modulate task-related neuronal activity, improve cognitive function, and improve outcomes in mTBI.
Role: Co-Investigator

Source (amount): National Institutes of Health (3,481,103.00)
Title: Adapting an Incentive-Based Addiction Treatment (i-BAT) to Reduce Smoking in Rural Mexico (Submitted 10/17)
PI: Paul Romanowich, Ph.D., Raymond Garza, Ph.D., Willie Hale
Goal of Project: The goal of this study was to examine determine the efficacy of i-BAT in a new population.
Role: Co-Primary Investigator

Source: Carnegie Foundation (200,000.00)
Title: Project SHADOW PTSD: Studying How Additional Disorders Overwhelm Warfighters with PTSD (Submitted 10/17)
PI: Willie Hale, Ph.D.
Goal of Project: The goal of Project SHADOW PTSD is examine PTSD treatment data to determine why some people respond successfully to treatment for PTSD while others do not, using novel methodological and data analytic strategies. Different longitudinal trajectories of treatment response are expected to emerge for individuals with PTSD as opposed to PTSD and a comorbid mental health condition.
Role: Primary Investigator

PROFESSIONAL SERVICE

University of Texas at San Antonio Leadership and Service:

- Member, UTSA NIH-RISE Program Advisory Committee (2016-present)
- Mentor, UTSA RISE Program (2016-Present)

- Faculty Advisor, Association of Black Psychologists-Student Chapter (2017-2022, founding Advisor)
- UTSA Department of Psychology BA Assessment and Goals Committee (2017-present)
- UTSA Department of Psychology Merit Committee (2018-2020)
- UTSA Department of Psychology Undergraduate Curriculum Committee (2018-present)
- Member, Search Committee, Assistant Professor in Diversity and Health Disparities (2017, 2018)
- UTSA Department of Psychology Subject Pool Committee (2017-present)
- Chair, UTSA Department of Psychology Subject Pool Committee (2018)
- Member, Search Committee, Assistant Professor in Health Psychology (2020)
- External Member, Search Committee, Assistant Professor in Social Work (2020)
- UTSA Department of Psychology Scholarship Committee (2020-2021)
- UTSA Department of Psychology Departmental Faculty Advisory Committee (2020-2021)
- Department of Psychology Faculty Meeting Secretary (2020-present)
- UTSA Department of Psychology Master's Advisory and Admission Committee (2021-present)

External Leadership and Service:

- Consortium to Alleviate PTSD Publication Development Committee (2017-present)

Conference Organization Service:

- San Antonio Combat PTSD Conference Student Poster Competition Committee (Chair) (2018-present)
- San Antonio Combat PTSD Conference Submission Review Committee (2017-present)

UTSA Graduate Student “Brown Bag Stat Lunch” Lecture Series:

- October, 2016: “Using SEM to model dynamic systems of change”

Postdoctoral Didactic Seminar Presentation-STRONG STAR (2015-Present):

- February, 2017: “Examining interpersonal perceptions of authenticity and PTSD using the Social Relations Model”
- April, 2016: “Long-term consequences associated with psychiatric aeromedical evacuation in active duty service members: A ten thousand foot view.”

Journal Review Service (Ad hoc reviewer):

- Military Medicine (2016-present)
- Psychological Assessment (2017-present)
- Behavior Therapy (2018-present)
- Journal of Traumatic Stress (2017-present)
- Intelligence (2018-present)
- Sleep (2019-present)

Professional Affiliations and Related Activities:

- Member, Society for Personality and Social Psychology (2010-present)
- Member, Association for Psychological Science (2012-present)
- Member, Association of Military Surgeons of the United States (2015-present)

CIVIC ENGAGEMENT/COMMUNITY SERVICE

Brooke Army Medical Center Auxiliary (2013-present):

- Vice Chair, Welfare Grant Committee
- Volunteer, Family Aid and Support Team
- Member, Fisher House Charity Golf Tournament Committee

Wounded Warrior Family Support Center (2016-present):

- Volunteer, Monthly Wounded Warrior Dinner

SKILLS

- Extensive skills in both experimental and correlational research design, participant recruitment, data collection and analysis, and report preparation and presentation.
- Extensive skills in manuscript preparation for peer-reviewed scientific journals and in oral presentation of research at conferences.
- Extensive skills in advanced statistics including General Linear Modeling, Longitudinal Data Analysis, Structural Equation Modeling, Conditional Process Modeling, Multilevel Modeling, Latent Class and Latent Transition Analysis, and Dyadic Data Analysis.
- Proficient in advanced topics in psychometrics including IRT, Mokken Scaling, ROC analysis, and Bifactor Modeling.
- Proficient in the use of advanced statistical software packages including SPSS, Mplus, AMOS, R, IRTPro, and HLM. Familiar with SAS, STATA, and EQSIRT.