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My interests broadly include interplay between psychologically resilient processes and physical recovery among individuals and their family members facing injury rehabilitation. Recent work has centered on the impact of internal (coping, appraisals) and external (social, environmental) factors in optimal psychosocial adjustment following traumatic brain injury. I have methodological expertise in prospective longitudinal designs and latent factor analysis to track psychological functioning over time. I also use mixed-methods designs that implement pragmatic and consumer-informed studies to characterize lived experiences and assess meaningful adjustment and self-concept within injury rehabilitation. Work from a pilot study on growth, change and identity after injury has led to a DoD-funded study on resilience-factors and posttraumatic growth in the acute months following moderate-severe TBI.

POSITIONS

- Aug 2020 – Present **Research Scientist I**, *Craig Hospital*, Englewood, CO
Supervisor: Candy Tefertiller, PT, DPT, PhD, NCS
- Aug 2019 – July 2020 **Research Associate**, General Dynamics Information Technology (contractor)
Defense and Veterans Brain Injury Center, Naval Medical Center San Diego
Supervisors: Lars Hungerford, PhD; Mark Ettenhofer, PhD
- Jan. 2013- July 2017 **Clinical Research Assistant - Trauma**, *Baylor University Medical Center*
Supervisors: Ann Marie Warren, Ph.D., ABPP; Mark B. Powers, PhD; Robin Buckner, MS, CCRC; Evan Rainey, MS, CCRC

AFFILIATE APPOINTMENTS

- June 2022 – Present **Faculty Research Affiliate**, Lyda Hill Institute for Human Resilience, Colorado Springs, CO
- July 2021 – Present **Volunteer Clinical Faculty**, Department of Physical Medicine and Rehabilitation, School of Medicine, *University of Colorado | Anschutz Medical Campus*, Aurora CO.

SERVICE APPOINTMENTS

- July 2023 – Present **Co-Chair**, Colorado Advisory Council on Brain Injury, MINDSOURCE – Brain Injury Network, Colorado Department of Human Services
- Jan. 2023 – June 2023 **Board Member**, Colorado Advisory Council on Brain Injury, MINDSOURCE – Brain Injury Network, Colorado Department of Human Services
- Jan. 2023 – Present **Co-Chair**, Psychosocial Support Systems for Persons with TBI (formerly Caregiver) SIG, Traumatic Brain Injury Model Systems Network
- Apr. 2021—Present **Co-Lead**, Diversity, Equity, Accessibility, Inclusion (DEAI) Research Group, Craig Hospital

EDUCATION/TRAINING

- July 2017- July 2019 **Postdoctoral Research Employee**, *Psychiatry Department, University of California San Diego Health Sciences*
Supervisor: Murray Stein, PhD; Laura Campbell-Sills, PhD
- August 2017 **PhD Behavioral Science**, *University of North Texas*
Advisors: Adriel Boals, PhD; Ann Marie Warren, PhD

Dec. 2015 **MS Experimental Psychology, University of North Texas**
Advisors: Rex A. Wright, PhD; Adriel Boals, PhD

Aug. 2011 **BA Psychology, Department of Psychology, Southwestern University**

PROFESSIONAL ORGANIZATIONS

- American Psychological Association (APA)
 - Rehabilitation Psychology (Division 22)
 - Trauma Psychology (Division 56)
- American Congress of Rehabilitation Medicine (ACRM)
- International Resilience Alliance (intresa.org)
- International Society Traumatic Stress Studies (ISTSS)

HONORS/AWARDS

- 2023 NIDILRR Switzer Fellowship Recipient
- 2018 Neurotrauma 2018 Travel Grant Awardee, *National Neurotrauma Society*
- 2018 Alies Muskin Career Development Leadership Program (CDLP) – Clinical Research Award, *Anxiety and Depression Association of America*
- 2017 Ernest H. Harrell Memorial Scholarship Award, *University of North Texas*
- 2017 Sunil Sengupta VA Student Research Travel Award, *APA Division 22 Rehabilitation Psychology*

RESEARCH FUNDING

Current Grant Support

Date	Grant/Project Title	Role
Sept. 2024 – Aug. 2027	HT9425-23-TBIPHRP-IIRA Department of Defense /Congressionally Directed Medical Research Programs Traumatic Brain Injury Psychological Health Research Program – Investigator-Initiated Research Award Level of funding: \$500,000 <i>Thriving after TBI: Identifying resilience-related factors for psychosocial growth after TBI</i>	Lead Principal Investigator
Oct. 2021 – Oct. 2024	Craig Hospital Foundation (Seed Funding Clinical Research Projects) Level of funding: \$17,163.94 <i>Assessing Family Caregiver Readiness for Moderate Severe TBI during Inpatient Rehabilitation: A Pilot Study</i>	Principal Investigator
June 2023 – July 2024	Craig Hospital Foundation (Seed Funding for Clinical Research Projects) Level of funding: \$14,953.00 <i>Is Rock Climbing a Useful Recreational Therapy for Individuals with Spinal Cord Injury (SCI) and Acquired Brain Injury (ABI)?: A Pilot Study</i>	Research Investigator
Sept. 2022 – Aug. 2027	W81XWH-21-S-TBIPH2 (Project Director: Kristen Dams-O’Connor, PhD) Department of Defense/Congressionally Directed Medical Research Programs TBI Psychological Health Research Program – Focused Program Award <i>LEveraging Nationwide Research Infrastructure to EnriCH Brain Health after TBI: The ENRICH Brain Health Study</i>	Site Co-Investigator
Oct. 2022 – Sept. 2027	HHS-2022-ACL-NIDILRR-DPTB-0039 (Co-Project Directors: Cynthia-Harrison Felix, PhD; Candace Tefertiller, PhD, DPT, PhD, NCS; David Mellick, PhD)	Co-Investigator (Module)

	National Institute on Disability and Rehabilitation Research <i>Rocky Mountain Regional Brain Injury System</i>	
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Completed Grant Support

Date	Grant/Project Title	Role
Sept. 2021 – Aug 2026	H133A120032 (Project Director: David Mellick, PhD) National Institute on Disability and Rehabilitation Research <i>The Traumatic Brain Injury Model Systems National Data and Statistical Center</i>	Co-Investigator/Special Projects Investigator
Sept. 2023 – Aug. 2024	HHS-2023-ACL-NIDILRR-SFGE-0000 NIDILRR Switzer Fellowship Program <i>Building a preparedness framework for caregivers of loved ones with moderate-severe TBI using the PATH-25</i>	Lead Principal Investigator
May 2022 – June 2024	Craig Hospital Foundation (Seed Funding for Clinical Research Projects) <i>Changing Neurobehavioral Management Systems in an Acute Inpatient Brain Injury Rehabilitation Setting Using the Principles of Applied Behavioral Analysis</i>	Research Investigator
Sept. 2018 – Sept 2023	90DPTB0017 (Co-Project Directors: Cynthia Harrison-Felix, PhD; Risa Nakase-Richardson, PhD; Jeanne Hoffman, PhD) National Institute on Disability and Rehabilitation Research <i>Characterization and Treatment of Chronic Pain after Moderate to Severe Traumatic Brain Injury</i>	Co-Investigator
Sept. 2021 – Dec. 2022	Craig Hospital Foundation (Seed Funding for Clinical Research Projects) <i>Exploring growth, change, and identity among individuals with traumatic brain injury</i>	Principal Investigator

EDITING/REVIEWING

Reviewer	<i>Rehabilitation Psychology</i> <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> <i>Journal of Head Trauma Rehabilitation</i> <i>Translations in Psychological Science</i>
Associate Editor	Special Issue: Understanding, Using and Communicating Quantitative Methods <i>Translational Issues in Psychological Science</i>

PUBLICATIONS (44 total)

- Agtarap, S.**, Peckham, M., Lundstern, M., Bistricky, S., Boals, A., Gallagher, J., Hanks, R., Klyce, D.W., Perrin, P. B. (*accepted*) Examining the construct validity of posttraumatic growth following moderate-severe TBI: A mixed methods analysis. *Rehabilitation Psychology*.
- Hanks, R., Ketchum, J. M., Peckham, M., Sevigny, M., Sander, A. M., Martin, A. M., ... & Nakase-Richardson, R. (2024). Associations of chronic pain with psychosocial outcomes after traumatic brain injury: a NIDILRR and VA TBI Model Systems Collaborative Project. *The Journal of Head Trauma Rehabilitation*, 39(1), 18-30.
- Venkatesan, U., Adams, L. H., Rabinowitz, A. R., **Agtarap, S.**, Bombardier, C H., Bushnik, T., Chiaravalloti, N. D., Juengst, S. B., Katta-Charles, S., Perrin, P. B., Pinto, S. M., Weintraub, A., & Whiteneck, G. G. (2023). Societal Participation of People with Traumatic Brain Injury Before and During the COVID-19 Pandemic: A NIDILRR Traumatic Brain Injury Model Systems Study. *Archives of Physical Medicine Rehabilitation*, 104(7), 1041-1053.
<https://doi.org/10.1016/j.apmr.2023.01.009>

- Juengst, S., **Agtarap, S.**, Venkatesan, U. M., Erler, K. S., Evans, E., Sander, A. M., Klyce, D., O'Neil Pirozzi, T. M., Rabinowitz, A. R., Kazis, L. E., Giacino, J. T., Kumar, R. G., Bushnik, T., & Whiteneck, G. G. (2023). Multidimensional Participation Profiles after Traumatic Brain Injury: A TBI Model Systems Study. *Disability & Rehabilitation*, 1-11.
DOI: [10.1080/09638288.2023.2221900](https://doi.org/10.1080/09638288.2023.2221900).
- Liou-Johnson, V., Merced, K., Klyce, D. W., **Agtarap, S.**, Finn, J. A., ... & Perrin, P. B. (2023). Exploring racial/ethnic disparities in rehabilitation outcomes after TBI: A Veterans Affairs Model Systems study. *NeuroRehabilitation*, 52(3), 451-462.
- Trost, Z., Sturgeon, J. A., **Agtarap, S.**, Arewasikporn, A., ... Rainey, E., Boals, A. Roden-Foreman, K., Foreman, M. L., & Warren, A. M. The Impact of Perceived Injustice on Pain and Psychological Outcomes Following Traumatic Injury: A Longitudinal Analysis. (2022). *PAIN*, 13, 10-97.
- Klyce, D. W., West, S. J., Perrin, P. B., **Agtarap, S. D.**, Finn, J. A., Juengst, S. B., ... & Bombardier, C. H. (2021). Network analysis of neurobehavioral and post-traumatic stress disorder symptoms one year after traumatic brain injury: a Veterans Affairs traumatic brain injury model systems study. *Journal of Neurotrauma*, 38(23), 3332-3340.
- Philippus, A., Sevigny, M., **Agtarap, S.**, MacIntyre, B., Welch, A., Trost, Z., ... & Monden, K. R. (2021). Validation of the injustice experience questionnaire (IEQ) in a spinal cord injury population. *Spinal Cord*, 59(11), 1177-1186.
- Monden, K. R., Philippus, A., MacIntyre, B., Welch, A., Sevigny, M., Draganich, C., **Agtarap, S.**, & Morse, L. R. (2021). The impact of stigma on psychosocial outcomes following spinal cord injury: A cross-sectional analysis of stigma-mediated relationships. *Rehabilitation Psychology*, 66(2), 202.
- Agtarap, S. D.**[†], Campbell-Sills, L.[†], Jain, X., Sun, X., Stein, M. B., and the TRACK-TBI Investigators (2021). Satisfaction with life following mild traumatic brain injury: A TRACK – TBI Study. *Journal of Neurotrauma*, 38(5), 546-554.
- Campbell-Sills, L., Stein, M. B., Liu, H., **Agtarap, S.**, Heeringa, S. G., Nock, M. K., Ursano, R. J., & Kessler, R. C. (2019). Associations of lifetime traumatic brain injury characteristics with prospective suicide attempt among deployed U.S. Army soldiers. *The Journal of Head Trauma Rehabilitation*, 35(1), 14-26.
- Agtarap, S.**, Campbell-Sills, L., Thomas, M., & Kessler, R., Ursano, R. J., & Stein, M. B. (2019). Post-concussive, posttraumatic stress, and depression symptoms in deployed U.S. Army soldiers: A construct validation study. *Psychological Assessment*, 31(11), 1340.
- Agtarap, S.**, Shelley, J., Bennett, M., Roden-Foreman, J. W., Rainey, E., Dome, M., Powers, M. B., Petrey, L. B., & Warren, A. M. (2018). The role of depression and social support on readmission rates within one year of traumatic injury. *Health Psychology*, 37(9), 799-807.
- Agtarap, S.**, Boals, A., Holtz, P., Roden-Foreman, K., Rainey, E. E., Ruggero, C., & Warren, A. M. (2017). The effect of depressive symptoms on social support one year following traumatic injury. Manuscript accepted to *Journal of Affective Disorders*, 207, 398-405.
- Agtarap, S.**, Scott, W., Warren, A. M., & Trost, Z. (2016). Validation of the Injustice experiences questionnaire in a heterogeneous trauma sample. *Rehabilitation Psychology*, 61(3), 336.
- Warren, A. M., **Agtarap, S.**, & deRoon-Cassini, T. (2016). Psychological resilience in medical rehabilitation. In M.A Budd, S. Hough, S. T. Wegener, & W. Stiers (Eds.), *Practical Psychology in Medical Rehabilitation* (pp. 57-66). Switzerland: Springer International Publishing.

- Trost, Z., **Agtarap, S.**, Scott, W., Driver, S., Guck, A., Roden-Foreman, K., Reynolds, M., Foreman, M. L., & Warren, A. M. (2015). Perceived injustice after traumatic injury: Associations with pain, distress, and functional outcomes. *Rehabilitation Psychology*, 60(3), 213.
- Rainey, E., Petrey, L.B., Reynolds, M., **Agtarap, S.**, Warren, A.M. (2014) Psychological factors predicting outcome after traumatic injury: the role of resilience. *American Journal of Surgery*, 208(4), 517-23. doi: 10.1016/j.amjsurg.2014.05.016.

SYMPOSIA & POSTER PRESENTATIONS

- Smith, K., Peckham, M., & **Agtarap, S.**, (2024, October). Adaptive Rock Climbing as a Recreational Therapy for Spinal Cord Injury and Brain Injury: Findings from a Mixed-Methods Pilot Study. Late-breaking research poster to be presented at ACRM Conference, Dallas, TX.
- Finey, B., Marwitz, J., Klyce, D., **Agtarap, S.**, & Malhotra, B. (2024, October). Traumatic Brain Injury Caregivers: Understanding the resilience, readiness, and resources needed to improve health, functioning and needs post-injury. Symposia presentation at ACRM Conference, Dallas, TX.
- Agtarap, S.**, Peckham, M., Lundstern, M., & Gallagher, J. (2023, February). Associations between posttraumatic growth, depreciation, environmental limitations, and psychosocial outcomes following moderate-severe TBI: Findings from a mixed-methods pilot study. Oral presentation at Rehabilitation Psychology Mid-Winter Conference, Austin, TX.
- Wertheimer, J., Dillahunt-Aspillaga, C., Vergo, B., & **Agtarap, S. D.** (2023, October). Interdisciplinary Roles in Behavioral Health Intervention in Physical Medicine and Rehabilitation: A Call to Action. Special Symposia at American Congress of Rehabilitation Medicine 100th Annual Conference, Atlanta, GA.
- Agtarap, S.**, Peckham, M., & Lundstern, M. (2023, February). Understanding event centrality following moderate-severe TBI: A pilot study with mixed methods data. Poster accepted to the 2023 Rehabilitation Psychology Mid-Winter Conference, Austin, TX.
- Vargas, T.A., Klyce, D.W., Marwitz, J.H., Perera, R.A., Abbasi, K.A., Bergquist, T.F., Neumann, D.M., **Agtarap, S.D.**, Lengenfelder, J., Hammond, F.M., Dreer, L.E., & Perrin, P.B. (2023, February). Resilience among traumatic brain injury caregivers 6 months after injury. Poster accepted to the 2023 Rehabilitation Psychology Mid-Winter Conference, Austin, TX.
- Peckham, M., Cruz, S., Jaross, M., **Agtarap, S.**, (2022, November). Social support relating to posttraumatic growth after moderate-severe traumatic brain injury: A mixed methods study. Poster accepted for presentation at the American Congress of Rehabilitation Medicine 99th Annual Conference, Chicago, IL.

TEACHING EXPERIENCE

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| April 2023-
Nov 2024 | Instructor , Craig Academy Clinical – Interdisciplinary, Craig Hospital
<i>Course:</i> Research Skills 101 (4-session series) |
| Jan. 2016-
May 2017 | Teaching Assistant/Instructor , University of North Texas Dept of Psychology
<i>Course:</i> Experimental Methods Lab
<i>Evaluation:</i> 4.1/5.0, Spring 2017 Overall SPOT |
| Aug. 2015-
May 2016 | Teaching Fellow , Department of Psychology, University of North Texas
<i>Course:</i> Experimental Methods Lecture
<i>Evaluation:</i> 4.3/5.0, Spring 2016 Overall SPOT
3.9/5.0, Fall 2015 Overall SPOT |