Date: 6/1/2021
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Jessica Gill, CRNP, PhD, FAAN
Deputy Director CNRM-USUHS
Acting Scientific Director NIH-NINR
Senior Investigator NIH-NINR
1934 Upper Lake Drive
Reston, VA, 20191
Jessica.gill@nih.gov

CURRICULUM VITAE

Education

2002-2007	Doctor of Philosophy, Johns Hopkins University School of Nursing,
1999-2001	Master of Science in Psychiatric Nursing, Oregon Health and Sciences University
1994-1998	Bachelor of Science in Nursing with a minor in Biology, Linfield College, 1998

Certification

2002-2019	American Nursing Credential Center (ANCC), Adult Psychiatric Mental Health Nurse Practitioner Adult Nurse Practitioner

Positions

2017-present	Acting Scientific Director
2019-present	Deputy Director Center for Neuroscience and Regenerative Medicine
2019-2020	Acting Deputy Director, National Institutes of Nursing Research
2018-present	Senior Investigator, NIH
2016-present	Co-Director of the Chronic Effects of Neurotrauma Consortium Biomarker Core
2016-preset	Co-Director Biomarker Core for NCAA CARE Consortium
2013-present	Director of the Biomarkers Core for the Center for Neuroscience and Regenerative Medicine.
2012-2018	Lasker Clinical Research Scholar and Tenure Track Investigator, National Institutes of Health, National Institute of Nursing Research.
2007-2011	Post-doctoral Fellowship, National Institutes of Health, National Institute of Mental Health
2004-2006	Laboratory Assistant to Dr. Gayle Page, Johns Hopkins University, School of Nursing.
2000-2002	Psychiatric Mental Health Nurse Practitioner Olde Town Clinic, Portland Oregon.
1998-2001	Psychiatric Staff Nurse, Oregon Health Sciences University Hospital.

Honors and Awards

2020	Research Excellence Award for TBI Biomarkers: Diagnostic & Prognostic Indicators, Military Health Systems Research Symposium (MHSRS)
2020	Office of Director Award-NIH, Awarded for exemplarily stewardship for representation of NIH science to congressional and senate outreach
2019	Center for Neuroscience and Regenerative Medicine, Outstanding Senior Investigator
2018	NIH CC Directors Award for the multidisciplinary efforts to investigate the effects of concussion-like symptoms
2017	American Academy of Nursing, Fellow
2016	Johns Hopkins Distinguished Alumnus Award
2015	Linfield College, Alumni Lifetime Achievement Award
2014	National Academies of Science, Kavli Frontiers Science Fellow
2014	NIH Distinguished Post-Baccalaureate Mentor Award
2013	Presidential Early Career Award for Scientists and Engineers (PECASE)
2012	Lasker Clinical Research Scholar at NIH
2007	Outstanding Dissertation Award, Johns Hopkins University

Journal Review

- Biological Psychiatry (2012-present)
- Biological Research in Nursing (2013-present)
- Psychiatric Services (2013-present)
- Inflammation (2013-present)
- Journal of Traumatic Stress (2014-presesnt)
- Frontiers in Neurology (2014-present)
- Journal of Neurotrauma (2015-present)
- Sleep Medicine (2015-present)
- Sleep (2015-present)
- JAMA Neurology (2016-present)
- Neurology (2016-present)

Editorial Boards

1. Journal of Head Trauma and Rehabilitative Medicine (2015-present)
2. Journal of Neurotrauma (2016-present)
3. Brain Injury (2017-present)
4. Neurotrauma, (2017-present)

Institutional and Scientific Community Service

1. RAD-X COVID-19 Response Effort, NIH, NINR Director (2020-present)
2. Director of the Working Group for Nursing Research Pathways Initiative, (2020-present)

3. Blast Coordinated Effort to Inform the Department of Defense, Director of Biomarker Committee, RAND (3/2020)
4. Director, Site Review, NINR, (11/2018)
5. Cohen Veterans Bioscience, Director of Consensus Status Directive for TBI Research Initiative, topic area = biomarkers (2018-present)
6. NCAA CARE Consortium, Research Director Committee (2016-present)
7. RAND Blast Research Initiative Leadership Committee (2018-present)
8. National Academies of Medicine, Committee to Evaluate the Veterans Administration's Determination of TBI Disability (2018-2019)
9. Lasker Clinical Research Scholar, committee for recruitment (2015-current)
10. Women in Neurotrauma, research review and planning committees (2016-present)
11. National Consortium on Brain Injuries, executive committee (2016-present)
12. Assistant Clinical Investigator Search Committee, NINR, chair of the search committee (2017)
13. NIH working group on women on Women in Biomedical Careers, committee member (2017-current)
14. Stadtman Search Committee, evaluator, (2016-current)
15. Executive committee for Center for Neuroscience and Regenerative Medicine, (2015-current)

Primary Investigator for the Following Competitively Funded Active Grants:

1. Investigating the Role of Light-Based Therapy for the Treatment of TBI Related Symptoms and Brain Related Biomarkers, August 2019- September 2021. Funded by the Center for Neuroscience and Regenerative Medicine, Total Award= $1,320,000.

2. Determining the Role of Tau and Amyloid in Chronic Symptoms and Deficits in Military Personnel Following TBIs Through PET Imaging, Funded by Congressionally Directed Medical Research Program (CDMRP), 8/2018- 8/29, 2021. Total Award= $1,289,000.

3. Biomarkers of Chronic Symptoms Related to TBIs, Department of Defense and Veterans Administration, 6/2018-6/2022. Total Award= $892,500.00.

4. Determining the Biological and Neurological Basis of PTSD Development, Lasker Clinical Research Scholar Award, 8/2012-8/2022. Funded by Intramural National Institutes of Nursing Research (NINR).

Biomarker Lead Investigator in Competitively Funded Grants From the Department of Defense and the Veterans Administration:

1. NCAA- CARE Consortium, Phase 2, Determining the Cumulative Impact of Head Injuries, 2/1/2019-3/1/2024. Funded by the NCAA, DoD, and Veterans Administration. Total Award = $22,500,000.

2. Chronic Effects of Neurotrauma, Phase 2, Long-term Impact of Brain Injuries and Consortium (LIMBIC), 7/1/2019-8/1/2025, funded by the Veterans Administration, and Department of Defense. Total Award = $28,000,000Budg

3. 734 DoD Directive to consolidate TBI and blast studies, Explosive Ordinance Disposal, 8/1/2019-9/1/2024. Investigating Training Associated Blast Physiology (INVICTA). Department of Defense, Budget = $24,950,000.

Primary Investigator of Completed Grants

1. Lasker Award- Molecular Mechanism of PTSD Following Acute Injury, Intramural Phase, 8/2012-8/2018, Total Award = 2,500,00.

2. Prognostic Biomarkers of Recovery in Cerebral Spinal Fluid and Peripheral Blood in Patients with Severe Traumatic Brain Injuries, Amount: 2/1/2016-2/1/2018, funded by the Center for Neuroscience and Regenerative Medicine. Total Award = 560,500.

3. The Role of Brain Derived Exosomes in Chronic Symptoms Following a TBI, 6/1/2017-8/1/2019, funded by the Center for Neuroscience and Regenerative Medicine. Total Award = $282,200.

4. Individual National Research Service Award (NRSA) F31 NR009166 funded through the NINR, titled: "Psychoneuroimmunlogy of Post-Traumatic Stress Disorder in Urban Women, 196,000.

Peer-Reviewed Published Research Papers

1. Flynn, S., Leete, J. Shahim, P., Pattinson, C., Guedes, V., Lai, C., Devoto, C., Qu, B., Greer, K., Moore, B., van der Merwe, A., Ekanayake, V., **Gill, J.*,** Chan, L.* (2021). Extracellular vesicle concentrations of glial fibrillary acidic protein and neurofilament light measured 1 year after traumatic brain injury. Scientific Reports

2. Mithani, S., Yun, S., Leete, J., Guedes, V., Fink, A., Pattinson, C., Kim, H., **Gill, J.,** Gehrman (2021). Whole blood transcriptome analysis using RNA sequencing in individuals with insomnia disorder and good sleepers: a pilot study. Sleep Medicine ttps://doi.org/10.1016/j.sleep.2021.01.013

3. Werner, J. Kent; Shahim, Pashtun; Pucci, Josephine; Chen, Lai; Raiciulescu, Sorana; Gill, Jessica; Nakase-Richardson, Risa; Diaz-Arrastia, Ramon; Kenney, K. (2020). Poor sleep correlates with biomarkers of neurodegeneration in mild traumatic brain injury patients: a CENC Study. SLEEP-2020-0697.R1

4. Greer, K., Edwards, K., Stone, J., Avants, B., Tustison, N., Wassermann, E., Dell, K., Carr, W., Yarnell, A., LoPresti, M., Walker, P., O'Brien, M., Domeisen, N., Quick, A., Modica, C., Goforth, C., Ahlers, S. **Gill, J.** (2020). Elevations in TNFa and IL-6 from neuronal-derived extracellular vesicles in blast exposed breachers", Neurology: Neuroimmunology & Neuroinflammation, In Press.

5. Giza, C., McCrea, M., Huber, D., Cameron, K., Houston, M., Jackson, J., McGinty, G., Pasquina, P., Broglio, S., Brooks, A., DiFiori, Duma, S., Harezlak, J., Goldman, J., Guskiewicz, S., McAllister, T., McArthur, T., Meier, T., Mihalik, J., Nelson, L., Rowson, S., **Gill, J.,** (2020). Blood biomarker profile after acute concussion in combat sports and training in military cadets: A prospective study from the NCAA-DOD CARE consortium. JAMA Neurology.

6. Edwards, K., Greer, K., Stone, J., Avants, B., Tustison, N., Wassermann, E., Dell, K., Carr, W., Yarnell, A., LoPresti, M., Walker, P., O'Brien, M., Domeisen, N., Quick, A., Modica, C., Goforth, C., Ahlers, S. **Gill, J.** (2020). Neuronally-derived tau is increased in experienced breachers and is associated with neurobehavioral symptoms. Scientific Reports, In Press.

7. Posti, J., Takala, R., Raj, R., Luoto, T., Azurmendi, L., Lagerstedt, L., Mohammadian, M., Hossain, I., **Gill, J.,** Gils, M., Hutchinson, P., Katila, A., Koivikko, P., Maanpää, M., Menon, D., Newcombe, V., Tallus, J., Blennow, K., Tenovuo, O., Zetterberg, H., Sanchez, J. (2020). Admission Levels of Interleukin 10 and Amyloid β 1-40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. Frontiers in Neurology, section Neurotrauma.

8. Lippa, S., Wener, K., Miller, M., Kenney, K., **Gill, J.**, Diaz-Arrastia, R., (2020). Recent Advances in Blood Based Biomarkers of Remote Combat Related Traumatic Brain Injury, Current Neurology and Neuroscience Reports.

9. Bazarian, J., **Gill, J**., Manley, G., McCrea, M., Puccio, A. Advances in Rapid Detection of Traumatic Brain Injuries (2020). Journal of Neurotrauma, online release September

10. Huebschmann, N., Luoto, T., Karr, J., Berghem, K., Blennow, K., Zetterberg, H., Ashton, N., Simrén, J., Posti, J., **Gill, J.,** Iverson, G., (2020). Comparing Glial Fibrillary Acidic Protein (GFAP) in Serum and Plasma Following Mild Traumatic Brain Injury in Older Adults, Frontiers in Neurology, section Neurotrauma, doi.org/10.3389/fneur.2020.01054.

11. Pattinson, C., Meier, T., Lai, C., Broglio, S., McAllister, T., Giza, C., Huber, M., Harezlak, J., Cameron, K., Guskiewicz, K., Mihalik, J., Brooks, A., Pasquina, P., McCrea, M., **Gill, J.**, (2020). Tau Elevations Sub-Acutely Predict a Prolonged Return to Play Following Concussion. JAMA Neurology, doi:10.1001/jamanetworkopen.2020.13191.

12. Stone, J., Avants, B., Tustison, N., Wassermann, E., **Gill, J.,** Polejaeva, E., Dell, K., Carr, W., Yarnell, A., LoPresti, M., Walker, P., O'Brien, M., Domeisen, N., Quick, A., Modica, C., Hughes, J., Haran, F., Goforth, C., Ahlers, S. (2020). Functional and structural neuroimaging correlates of repetitive low-level blast exposure in career breachers. Journal of Neurotrauma, online release October.

13. Shahim, P., Politis, A., van der Merwe, A., Moore, B., Butman, J., Diaz-Arrastia, Gill, J., Brody, D., zetterber, H., Blennow, K., Chan, L. (2020). Neurofilament light as a biomarker in traumatic brain injury. Neurology, DOI: Neurofilament light as a biomarker in traumatic brain injury | Neurology

14. Mayer, A., Dodd, A, Ling, J, Stephenson, D., Rannou, L., Vermillion, M., .Carissa, J.' Johnson, V., Gigliotti, A., Dodd, R., Chaudry, I., Meier, T., Smith, D., Bragin, D., Lai, C., Wagner, C., Guedes, V., **Gill, J.,** Kinsler, R., (2020). Survival Rates and Biomarkers in A Large Animal Model of Traumatic Brain Injury Combined with Two Different Levels of Blood Loss, Shock, DOI: 10.1097/SHK.0000000000001653

15. Mondello, S., Guedes, V. Lai, C., Jeromin, A., **Gill, J.** (2020). Circulating Brain Injury Exosomal Proteins following Moderate-To-Severe Traumatic Brain Injury: Temporal Profile, Outcome Prediction and Therapy Implications, Cells, DOI: 10.3390/cells9040977

16. Peltz CB, Kenney K, Gill J, Diaz-Arrastia R, Gardner RC, Yaffe K. (2020). Blood biomarkers of traumatic brain injury and cognitive impairment in older veterans . Neurology. 2020 Sep 1;95(9):e1126-e1133. doi: 10.1212/WNL.0000000000010087

17. Edwards, K., Leete, J., Tschiffely, A., Moore, C., Dell, K., Statz, J., Carr, W., Walker, P., LoPresti, M., Ahlers, S., Yarnell, A. and **Gill J.** (2020). Moderate Blast Exposure Results in Tau and Neurofilament Light Chain Changes in Peripheral Blood. Brain Injury, doi.org/10.1089/neu.2019.6512

18. Guedes, V., Devoto, C., Leete, J., Sass, D., Acott, J., Mithani, S., **Gill, J.** (2020). Extracellular Vesicle Proteins and MicroRNAs as Biomarkers for Traumatic Brain Injury. Frontiers in Neurology, doi.org/10.3389/fneur.2020.00651

19. Tschiffley, A., Dell, K., Carr, W., Walker, P., Ahlers, S., LoPresti, M., Yarnell, A., **Gill, J.,** (2020). Assessing a Blast-Related Biomarker in an Operational Community: Glial Fibrillary Acidic Protein in Experienced Breachers, Journal of Neurotrauma, doi.org/10.1089/neu.2019.6512

20. Guedes, V., Kenney, K., Shahim, P. Bao-Xi, Q, Lai, C., Devoto, C., Walker, W., Diaz-Arrastia, R., **Gill, J.** the CENC Multisite Observational Study Investigators (2020). Exosomal neurofilament light, A prognostic biomarker for remote symptoms after mild traumatic brain injury? Neurology, DOI: https://doi.org/10.1212/WNL.0000000000009577

21. Shahim, P., **Gill, J.** Zetterberg, H. (2020) Fluid Biomarkers for Chronic Traumatic Encephalopathy, Seminars in Neurology, doi: 10.1055/s-0040-1715095

22. Edwards, K., Motamedi, V., Osier, N., Kim, H., Yun, S., Cho, Y., Lai, C., Dell, K., Carr, W., Walker, P., Ahlers, S., LoPresti, M., Yarnell, A., Tschiffley, **Gill, J.** (2020). A Moderate Blast Exposure Results in Dysregulated Gene Network Activity Related to Cell Death, Survival, Structure, and Metabolism. Frontiers in Neurology. DOI: 10.3389/fneur.2020.00091

23. Koerte IK, Esopenko C, Hinds SR, Shenton ME, Bonke EM, Bazarian JJ, Bickart KC, Bigler ED, Bouix S, Buckley TA, Choe MC, Echlin PS, **Gill J,** Giza CC, Hayes J, Hodges CB, Irimia A, Johnson PK, Kenney K, Levin HS, Lin AP, Lindsey HM, Lipton ML, Max JE, Mayer AR, Meier TB, Merchant-Borna K, Merkley TL, Mills BD, Newsome MR, Porfido T, Stephens JA, Tartaglia MC, Ware AL, Zafonte RD, Zeineh MM, Thompson PM, Tate DF, Dennis EL, Wilde EA, Baron D. (2020) "The ENIGMA sports injury working group:- an international collaboration to further our understanding of sport-related brain injury." Brain imaging and behavior.

24. Werner, K., Shahim, P., **Gill, J.,** Richardson, R. Kenney, K., Traumatic Brain Injury Warfighters with Poor Sleep have Increased Plasma Biomarkers of Neurodegeneration (2020). Neurology. DOI: https://doi.org/10.1212/WNL.0000000000009577

25. Mondello, S., Guedes, V. Lai, C., Jeromin, A., Bazarian, J., **Gill, J.** (2020). Sex Differences in Circulating t-tau Trajectories after Sports-Concussion and Correlation with Outcome. Frontiers in Neurology, doi: 10.3389/fneur.2020.00651

26. Edwards, K., Pattinson, C., Guedes, V., Peyer, J. Moore, C., Davis, T., Devoto, C., Turtzo, C., Latour, L., and **Gill, J.** (2020). Inflammatory Cytokines Associate With Neuroimaging After Acute Mild Traumatic Brain Injury. Frontiers in Neurology. doi: 10.3389/fneur.2020.00348

27. Cassandra, P., Guedes, V., Edwards, K., Mithani, S., Yun, S., Taylor, P., Dunbar, K., Hyung-Suk, K., Lai, C., Roy, M., **Gill, J.** (2020). Excessive daytime sleepiness is associated with altered gene expression in military personnel and veterans with posttraumatic stress disorder: An RNA sequencing study. SLEEP, doi: 10.1093/sleep/zsaa036.

28. Edwards, K., **Gill, J.,** Pattinson, C., Lai, C., Brière, M., Rogers, N., Milhorn, D., Elliot, J., Carr, W, (2020). Interleukin-6 Is Associated With Acute Concussion in Military Combat Personnel. BMC Neurology. doi: 10.1186/s12883-020-01760-x.

29. Devoto, C., Lai, C., Qu, B., Guedes, V., Walker, W., Wilde, E., Diaz-Arrastia, R., Kenney, K., **Gill, J.,** (2020). Exosomal MicroRNAs in Veterans with Mild Traumatic Brain Injury: Preliminary Results from a Chronic Effects of Neurotrauma Consortium (CENC) Biomarker Discovery Project, Journal of Neurotrauma, 94 (23) e2412-e2423; DOI: 10.1212/WNL.0000000000009577.

30. McCrea, M., Broglio, S.P., McAllister, T. W., **Gill, J.,** Giza, C. C., Huber, D. L., Harezlak, J., Cameron, K. L., Houston, M. N., McGinty, G., Jackson, J. C., Guskiewicz, K., Mihalik, J., Brooks, A. M., Duma, S., Rowson, S., Nelson, L. D., Pasquina, P., Meier, T. B., and the CARE Consortium Investigators (2020). Association of Blood Biomarkers With Acute Sport-Related Concussion in Collegiate Athletes Findings From the NCAA and Department of Defense CARE Consortium. JAMA Network Open; 2020. DOI: 10.1001/jamanetworkopen.2019.19771

31. Pattinson, C. L., Shahim, P., Taylor, P., Dunbar, K., Guedes, V. A., Motamedi, V., Lai, C., Devoto, C., Peyer, J., Roy, M.J., **Gill, J.,** (2020). Elevated Tau in Military Personnel Relates to Chronic Symptoms Following Traumatic Brain Injury. Journal of Head Trauma Rehabilitation. doi: 10.1097/HTR.0000000000000485.

32. Rodney, T., Taylor, P., Dunbar, K., Perrin, N., Lai, C., Roy, M., **Gill, J.** (2020). High IL-6 in Military Personnel Relates to Multiple Traumatic Brain Injuries and Post-Traumatic Stress Disorder. Behavior Brain Research. doi: 10.1016/j.bbr.2020.112715.

33. Tschiffely, A., Statz, J., Edwards, K., Goforth, C., Ahlers, S., Carr, W., **Gill, J.** (2020). Assessing a Blast Related Biomarker in an Operational Community: GFAP in Experienced Breachers. Journal of Neurotrauma. Oct 23. doi: 10.1089/neu.2019.6512.

34. Hossain, I., Mohammadian, M., Takala, R. van Gils, M., Hutchinson, P., Ari J. Katila, A., Maanpää, H., Menon, D., Newcombe, V., Hrusovsky,K., Wilson, D., **Gill, J**. Blennow, K., Sanchez, J., Zetterberg,H., and Posti, J. (2020). Admission Levels of Total Tau and β-Amyloid Isoforms 1–40 and 1–42 in Predicting the Outcome of Mild Traumatic Brain Injury. Frontiers in Neurology. doi: 10.3389/fneur.2020.00325

35. Hladek, M., Gill, J., Lai, C., Lorig, K., Szanton, S. (2020).High Coping Self-Efficacy Associated with Lower Sweat Inflammatory Cytokines in Adults: A Pilot Study. A pilot Study. Biological Research for Nursing, doi: 10.1177/109980041987060

36. Kanefsky, R., Motamedi, V., Mithani, S., Mysliwiec, V., **Gill, J., M.,** Pattinson, C. L. (2019). Traumatic brain injuries with loss of consciousness are associated with increased inflammation and pain in military personnel. Psychiatry Res. Sep; 279:34-39. doi: 10.1016/j.psychres.2019.07.001.

37. Rusch H., L., Rosario, M., Levison, L. M., Olivera, A., Livingston, W., Wu, T., **Gill, J. M.** (2019). The effect of mindfulness meditation on sleep quality: a systematic review and meta-analysis of randomized controlled trials. Annals New York Academy of Sciences. Jun;1445(1):5-16. doi: 10.1111/nyas.13996.

38. Rusch, H. L., Robinson, J., Yun, S., Osier, N., Martin, C., Brewin, C., **Gill, J. M.** (2019). Gene expression differences in PTSD are uniquely related to the intrusion symptom cluster: A transcriptome-wide analysis in military service members. Brain Behavior Immunity pii: S0889-1591(19)30154-0.

39. Pattinson, C., L., Shahim, P., Taylor, P., Dunbar, K., Guedes, V. A., Motamedi, V., Lai, C., Devoto, C., Peyer, J., Roy, M. J., **Gill, J. M.** (2019). Elevated Tau in Military Personnel Relates to Chronic Symptoms Following Traumatic Brain Injury. Journal of Head Trauma Rehabilitation. doi: 10.1097/HTR.0000000000000485.

40. Pattinson, C. L., **Gill, J. M.,** Lippa, S. M., Brickell, T. A., French, L. M., Lange, R. T. (2019). Concurrent Mild Traumatic Brain Injury and Posttraumatic Stress Disorder Is Associated With Elevated Tau Concentrations in Peripheral Blood Plasma. (2019) Journal of Traumatic Stress. Aug;32(4):546-554. doi: 10.1002/jts.22418.

41. Posti, J. P., Takala, R. S. K., Lagerstedt, L., Dickens, A. M., Hossain, I., Mohammadian, M., Ala-Seppälä, H., Frantzén, J., van Gils, M., Hutchinson, P. J., Katila, A. J., Maanpää, H. R., Menon, D. K., Newcombe, V. F., Tallus, J., Hrusovsky, K., Wilson, D. H., **Gill, J. M.,** Sanchez, J. C., Tenovuo, O., Zetterberg, H., Blennow K. (2019). Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. Journal of Neurotrauma, doi: 10.1089/neu.2018.6254.

42. Dorsey, S. G., Renn, C. L., Griffioen, M., Lassiter, C. B., Zhu, S., Huot-Creasy, H., McCracken, C., Mahurkar, A., Shetty, A. C., Jackson-Cook, C. K., Kim, H., Henderson, W. A., Saligan, L., **Gill, J. M.,** Colloca, L., Lyon, D. E., Starkweather, A. R. (2019). Whole blood transcriptomic profiles can differentiate vulnerability to chronic low back pain. Plos One. doi: 10.1371/journal.pone.0216539.

43. Dorsey, S. G., Griffioen, M. A., Renn, C. L., Cashion, A.K, Colloca L, Jackson-Cook CK, **Gill, J.,** Henderson W, Kim H, Joseph PV, Saligan L, Starkweather AR, Lyon D. (2019). Working Together to Advance Symptom Science in the Precision Era. Nursing Research.doi: 10.1097/NNR.0000000000000339.

44. Hladek, M. D., **Gill, J.,** Bandeen-Roche, K., Walston, J., Allen, J., Hinkle, J. L., Lorig, K., Szanton, S. L. (2019). High coping self-efficacy associated with lower odds of pre-frailty/frailty in older adults with chronic disease. Aging Mental Health. Jul 10:1-7. doi: 10.1080/13607863.2019.1639136.

45. Lippa, S. M., Yeh, P. H., **Gill, J. M.**, French, L. M., Brickell, T. A., Lange, R. T. (2019). Plasma Tau and Amyloid Are Not Reliably Related to Injury Characteristics, Neuropsychological Performance, or White Matter Integrity in Service Members with a History of Traumatic Brain Injury. Journal of Neurotrauma. DOI: 10.1089/neu.2018.6269

46. **Gill. J.,** Latour, L., Diaz-Arrastia, R., Motamedi, V., Modello, S. Jeromin, A., (2018) Acidic Protein Elevations Relates to Neuroimaging Abnormalities After a Mild TBI. Neurology. 2019 Apr 5. doi: 10.1089/neu.2018.6254.

47. Pattison, C., **Gill, J.** (2018). Risk of Dementia-A Growing Concern. Nature Reviews, Neurology. doi: 10.1038/s41582-018-0041-8.

48. Kenney, K., Qu BX, Lai C, Devoto, C., Motamedi, V., Walker, W.C., Levin, H.S., Nolen, T., Wilde, E.A., Diaz-Arrastia, R., **Gill, J.** (2018). Higher exosomal phosphorylated tau and total tau among veterans with combat-related repetitive chronic mild traumatic brain injury. Brain Injury, doi: 10.1080/02699052

49. Reuveni, I., Nugent, A. C., **Gill, J.,** Vythilingam, M., Carlson, P., Lerner, A., Neumeister, A., Charney, D., Drevets, W., Bonne, O. (2018). Altered cerebral benzodiazepine receptor binding in post-traumatic stress disorder. Translational Psychiatry. Oct 4;8(1):206. doi: 10.1038/s41398-018-0257-9.

50. Hladeck, M., Szanton, S., Lai, C., Sacko, C., Roberts, L., **Gill, J.** (2018). Using sweat to measure cytokines in older adults compared to younger adults: A pilot study. Journal of Immunology Methods.;454:1-5. doi: 10.1016/j.jim.2017.11.003.

51. Osier, N., Motamedi, V., Edwards, K.,, Puccio, A., Diaz-Arrastia, R., Kenney, K., **Gill, J.** (2018). Exosomes in Acquired Neurological Disorders: New Insights into Pathophysiology and Treatment. Molecular Neurobioly. 2018 Apr 16. doi: 10.1007/s12035-018-1054-4.

52. Rodney, T., Osier, N., **Gill J. (**2018). Pro- and anti-inflammatory biomarkers and traumatic brain injury outcomes: A review. Cytokine. 2018 Jan 26. pii: S1043-4666(18)30012-7. doi: 10.1016/j.cyto.2018.01.012.

53. Motamedi, V., Kanefsky, R., Matsangas, P., Mithani, S., Jeromin, A., Brock, M., Mysliwiec, V., **Gill, J.** (2018). Elevated tau and interleukin-6 concentrations in adults with obstructive sleep apnea. Sleep Medicine. Mar;43:71-76. doi: 10.1016/j.sleep.2017.11.1121

54. Martin, C., Cho, Y.E., Kim, H., Yun, S., Kanefsky, R., Lee, H., Mysliwiec, V., Cashion, A., **Gill, J.** Altered DNA Methylation Patterns Associated With Clinically Relevant Increases in PTSD Symptoms and PTSD Symptom Profiles in Military Personnel. Biological Research in Nursing., May;20(3):352-358. doi: 10.1177/1099800418758951.

55. Martin, C. G., Kim, H., Yun, S., Livingston, W., Fetta, J., Mysliwiec, V., Baxter, T., **Gill, J.** (2017). Circulating miRNA associated with posttraumatic stress disorder in a cohort of military combat veterans. Psychiatry Research.;251:261-265. doi: 10.1016/j.psychres.2017.01.081.

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Mentorship

Prior

Level	Period of Mentorship	Name	Number of Publications	Number of Presentations	Current Position
Post-doctoral	6/2014-6/2016	Anlys Olivera	5	7	New Your University, Resident
Post-doctoral	6/2016-8/1/2019	Cassie Pattison	7	12	Researcher, Institute of Social Science
Post-doctoral	5/2017-6/2021	Vivian Guedes	11	12	Director of Biomarkers Studies, Center for Neuroscience
Post-doctoral	6/2017-6/2021	Katie Edwards	10	14	Researcher, Walter Reed, National Intrepid Center
Post-baccalaureate	6/2014-62016	Morgan Heizelman	6	5	Medical Student, George Washington University
Post-baccalaureate	6/2016-62018	Rebekah Kanefsky	3	5	Clinical Psychology Student, University of Florida
Post-baccalaureate	6/2018-6/2021	Jackie Leete	8	4	Clinical Psychology Student, University of Arizona

Ongoing

Level	Period of Mentorship	Name	Number of Publications	Number of Presentations
Post-doctoral	6/2019-current	Rany Vorn	5	3
Post-doctoral	6/2018-current	Sarah Mithani	10	12
Post-baccalaureate	7/2018-current	Christina Devoto	7	2

Mentored Fellows