



APPENDIX C

Fiscal Year 2019 Funding

VA Cooperative Studies Program (CSP)

Principal Investigator	Research Title	Years	FY2019 Funding	Total Funding
Krystal	CSP #2016: Adaptive Clinical Trial for Insomnia in Veterans with PTSD (ACTIVE-PTSD)	2018-2023	\$1,339,933	\$24,467,860
Schnurr, Chard, & Ruzek	CSP #591: Comparative Effectiveness Research in Veterans with PTSD (CERV-PTSD)	2013-2020	\$916,257	\$9,048,760

Other VA Sources

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Averill	Structural and Functional Correlates of Suicidality in Veterans with PTSD	CSR&D (CDA)	2019-2023	\$209,772	\$1,680,000
Bernardy	Expanding Rural Access to Effective PTSD Care through Outreach	ORH	2020-2022	\$0	\$760,000
Bernardy	Identifying Rural Areas of Low Evidence-Based PTSD Care Delivery and Exploring the Feasibility of Intervening with Virtual Facilitation and e-Detailing	ORH	2019-2020	\$416,932	\$416,932
Bernardy	PTSD Facilitation to Vermont & New Hampshire Community Providers	ORH	2020-2022	\$0	\$83,000
Bovin	From Screening to Treatment: Mapping Access to Care Pathways for Veterans who Screen Positive for PTSD	HSR&D	2019-2020	\$98,767	\$98,767
Bovin & Schnurr (Kimerling, Site PI)	Validation of the PTSD Primary Care Screen	HSR&D	2017-2019	\$53,399	\$471,788
Carlson	Pilot Study of Standalone and Peer Supported Online Problem Solving Program in Veterans with Untreated Mental Health Problems	HSR&D	2018-2019	\$100,000	\$100,000
Cloitre	webSTAIR Enterprise-Wide Initiative & Program Evaluation	ORH	2017-2022	\$3,209,603	\$11,984,020
Cloitre	Connecting Women to Care: Home-based Psychotherapy for Women with MST Living in Rural Areas	HSR&D	2018-2022	\$241,497	\$1,095,979
Colvonen	The Impact of Integrated CBT-I and PE on Sleep and PTSD Outcomes	RR&D (CDA)	2017-2021	\$180,000	\$950,687

APPENDIX C: Fiscal Year 2019 Funding

Other VA Sources, continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Girgenti	Single Cell Molecular Mechanisms in PTSD and Suicide	VISN 1 (CDA)	2019-2021	\$128,475	\$263,886
Grubaugh & Hamblen	A Randomized Controlled Trial of AboutFace: A Novel Video Storytelling Resource to Improve Access, Engagement, and Utilization of Mental Health Treatment among Veterans with PTSD	HSR&D	2018-2022	\$209,875	\$1,001,900
Hamilton & Kimerling	Enhancing the Mental and Physical Health of Women through Engagement and Retention (EMPOWER)	QUERI	2015-2020	\$830,000	\$4,150,000
Harpaz-Rotem & Pietrzak	Fear Reversal Learning in Combat-Related PTSD: A Multi-Model fMRI-PET Approach	CSR&D	2019-2023	\$27,515	\$1,100,602
Heinz	Cognitive Remediation for Alcohol Use Disorder and PTSD	RR&D (CDA)	2014-2019	\$191,703	\$986,195
Holtzheimer & Etkin	Assessing an Electroencephalography (EEG) Biomarker of Response to Transcranial Magnetic Stimulation for Major Depression	CSR&D	2020-2025	\$0	\$5,429,619
Iverson	Increasing Reach of Evidence-Based Psychotherapies in CBOCs: Identifying Needs and Strategies for Scale Out	HSR&D	2020-2020	\$0	\$98,534
Iverson	Presidential Early Career Award for Scientists and Engineers	HSR&D	2014-2019	\$25,000	\$125,000
Iverson	Recovering from Intimate Partner Violence Through Strengths and Empowerment (RISE): Tailoring and Evaluating a Patient-Centered Counseling Intervention for Women Veterans	HSR&D	2018-2021	\$278,047	\$975,643
Iverson & Miller	Addressing Intimate Partner Violence Among Women Veterans: Evaluating the Impact and Effectiveness of VHA's Response	HSR&D	2020-2023	\$0	\$1,099,580
Kachadourian	Mindfulness Treatment for Anger in Veterans with PTSD	CSR&D (CDA)	2017-2021	\$129,304	\$732,428
Keane	CAP Coordinating Center*	VA/DoD	2016-2020	\$202,194	VA: \$21,000,000
Kehle-Forbes	Pilot Test of a Self-Management Program for Completers of Trauma-Focused Therapy	RR&D	2018-2020	\$94,233	\$196,495
Kimerling	Development of a Patient-Reported Measure to Assess Healthcare Engagement	HSR&D	2018-2022	\$200,453	\$960,248
Krystal & Abdallah	CAP-Ketamine for Antidepressant-Resistant PTSD: A Translational Neuroscience, Biomarker-Informed Clinical Trial*	VA/DoD	2016-2020	\$488,000	\$1,588,594
Kuhn & Owen	Mobile Apps Research Resources and Services	HSR&D	2018-2020	\$238,000	\$350,000
Kuhn & Possemato	An RCT of a Primary Care-Based PTSD Intervention: Clinician-Supported PTSD Coach	HSR&D	2017-2020	\$275,000	\$1,100,000
Landes (Rosen , Site PI)	Risk Stratified Enhancements to Clinical Care: Targeting Care for Patients Identified through Predictive Modeling as being at High Risk for Suicide	HSR&D	2016-2020	\$247,895**	\$1,222,926

APPENDIX C: Fiscal Year 2019 Funding

Other VA Sources, continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Loflin	Cannabidiol as an Adjunctive to Prolonged Exposure for the Treatment of PTSD	CSR&D (CDA)	2019-2024	\$231,902	\$1,310,332
Logue	Early Cognitive Impairment as a Function of Alzheimer's Disease and Trauma	BLR&D	2019-2021	\$147,368	\$296,877
Logue	Genetic and Epigenetic Biomarkers of PTSD	BLR&D	2017-2020	\$143,601	\$610,600
McClendon	Talking about Racism: Evaluation of a Group Intervention to Reduce Race-based Stress among Veterans of Color	VISN 1 (CDA)	2020-2022	\$0	\$237,970
McGlinchey & Milberg (Rasmusson , Site PI)	VA Center of Excellence: Translational Research Center for TBI and Stress Disorders	RR&D	2014-2019	\$1,000,000**	\$5,000,000
McKee & Huber	ShEEP Request for Nikon N-Storm Super-resolution Microscope	BLR&D	2019-2019	\$399,219	\$399,219
Miller	Magnetic Resonance Spectroscopy and Genetic Analysis of Oxidative Stress in OEF/OIF Veterans with PTSD and TBI	CSR&D	2018-2021	\$150,000	\$600,000
Mitchell	Eating Disorders among Veterans: Risk, Resilience, and Service Use	HSR&D	2019-2021	\$213,891	\$543,819
Morland	An Integrative Technology Approach to Home-based Conjoint Therapy for PTSD	RR&D	2016-2020	\$259,500	\$1,038,000
Moye & Pless Kaiser	Late Life PTSD Educational Program for VHA and non-VHA Rural Health Providers	ORH	2020-2020	\$0	\$300,000
Niles & Mori	Novel Interventions for Gulf War Veterans' Illnesses	CSR&D	2016-2021	\$340,812	\$1,664,578
Norman	Topiramate and Prolonged Exposure for Alcohol Use Disorder and PTSD	RR&D	2018-2022	\$149,648	\$927,733
Oslin (Gelernter , Site PI)	PRIME Care (PRrecision medicine in MEntal health Care)	HSR&D	2017-2022	\$2,458,591**	\$11,306,320
Peterson & Keane	Consortium to Alleviate PTSD	VA/DoD	2013-2020	\$3,694,152	VA: \$21,000,000
Petrakis	Optimal Treatment of Veterans with PTSD and Comorbid Opiate Use Disorder (OUD)	CSR&D	2018-2023	\$150,000	\$750,000
Pietrzak & Tsai	Veterans Study of Knowledge and Attitudes of VA Healthcare	VISN 1 Strategic Initiative to Expand Education and Research	2018-2019	\$26,298	\$50,000
Pineles	An Electrophysiological Predictor of SSRI Response in Veterans with PTSD	CSR&D	2019-2023	\$74,796	\$599,531
Pless Kaiser	Improving Psychosocial Functioning in Older Veterans with PTSD	RR&D (CDA)	2017-2022	\$186,287	\$809,149
Sayer & Wiltsey Stirman	Shared Contributions to Outcomes and Retention in EBPs for PTSD (SCORE PTSD)	HSR&D	2017-2020	\$331,723	\$1,020,028

APPENDIX C: Fiscal Year 2019 Funding

Other VA Sources, continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Scioli	Neurobiological and Psychological Benefits of Exercise in Chronic Pain and PTSD	RR&D (CDA)	2013-2020	\$0	\$953,342
Scioli	Neurobiological and Psychological Benefits of Exercise in Fibromyalgia and PTSD	RR&D	2017-2019	\$161,216	\$199,904
Shiner	Improving Care for PTSD	HSR&D (CDA)	2014-2019	\$172,218	\$1,292,446
Shiner	An Ecological Approach To Understanding Rural Veteran Suicide	ORH	2020-2021	\$0	\$516,716
Shiner	Patient Safety Center of Inquiry: Prevention of Suicide (Renewal)	NCPS	2018-2021	\$246,163	\$526,809
Shiner	Suicide Prevention in Rural Veterans During High-Risk Care Transition Scenarios	ORH	2020-2023	\$0	\$2,215,257
Sloan	An Efficient Exposure-Based Treatment for PTSD Compared to Prolonged Exposure: A Noninferiority Trial	CSR&D	2019-2023	\$414,987	\$1,762,404
Sullivan	Neural Metabolic Stress in mTBI and PTSD	CSR&D (CDA)	2018-2023	\$170,127	\$877,915
Thompson-Hollands	An Adjunctive Family Intervention for Individual PTSD Treatment	CSR&D (CDA)	2017-2021	\$181,373	\$743,010
Vogt	Risk and Resilience Factors related to Suicidal Ideation during Transition from Military to Civilian Life: Secondary Analyses of the TVMI Cohort Study	HSR&D	2020-2022	\$0	\$344,688
Vogt	Development and Validation of Well-Being Indicators for use in Evaluating VA Whole Health Care	Center for Evaluating Patient Centered Care in VA/QUERI Partnered Evaluation Initiative	2020-2021	\$0	\$178,693
Wiltsey Stirman & Rosen	Leadership and Organizational Change for Implementation: Adapting for VA Training	QUERI	2018-2019	\$25,000	\$25,000
Wolf	Presidential Early Career Awards for Scientists and Engineers Funding	CSR&D	2016-2021	\$25,000	\$125,000
Wolf	PTSD-Related Accelerated Aging in DNA Methylation and Risk for Metabolic Syndrome	CSR&D	2016-2020	\$150,000	\$600,000
Zimmerman	Participatory System Dynamics vs Usual Quality Improvement: Is Staff Use of Simulation an Effective, Scalable and Affordable Way to Improve Timely Veteran Access to High-quality Mental Health Care?	HSR&D	2020-2023	\$0	\$1,198,168
Zulman (Kimerling, Site PI)	Making Connections: Tablet-Enabled Telehealth to Enhance Veterans' Access and Care	QUERI	2016-2019	\$115,178**	\$550,669

BLR&D Biomedical Laboratory Research & Development Service; CAP Consortium to Alleviate PTSD; CDA Career Development Award; CSR&D Clinical Science Research and Development Service; DoD Department of Defense; HSR&D Health Services Research and Development Service; NCPS National Center for Patient Safety; ORH Office of Rural Health; QUERI Quality Enhancement Research Initiative; RR&D Rehabilitation Research and Development Service; VISN Veterans Integrated Service Network

*Sub-award within the total \$21 million CAP award to VA; total CAPS award including DoD funds = \$42,000,000.

**Indicates FY2019 funds allocated to funded site PI.

APPENDIX C: Fiscal Year 2019 Funding

National Institutes of Health (NIH)

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Abdallah	Examining the Effect of Ketamine On Glutamate/Glutamine Cycling	NIMH	2013-2019	\$168,080	\$912,630
Abdallah	Glial and Synaptic Functions in Major Depression	NIMH	2017-2022	\$311,527	\$2,493,229
Adams	Enhancement of Extinction Learning Using Transcranial Direct Current Stimulation	NIMH (K)	2017-2022	\$159,730	\$940,801
Agarwal (Gelernter , Site PI)	Psychiatric Genomics Consortium: Find Actionable Variation	PGC via NIH et al.	2016-2021	\$184,653**	\$932,488
Carlson	Development of a Risk Factor Screen for Mental Health Problems after Sudden Illness or Injury	NIMHD	2018-2022	\$636,599	\$2,566,642
Clouston & Pietrzak	A Life Course Approach to Integrating Trauma and Cognitive Aging: A Cohort of 9/11 Responders	NIAAA	2015-2020	\$573,065	\$2,865,325
Cosgrove	Imaging Molecular Mechanisms of Tobacco Smoking Withdrawal	NIDA	2016-2020	\$447,737	\$2,238,685
Cosgrove & Pietrzak	Imaging Microglial Activation in PTSD using PET	NIMH	2017-2022	\$499,999	\$825,495
Davis	Dysregulation in mGluR5 as a Marker of BPD and Suicide Related Endophenotypes	NIMH (K)	2018-2023	\$196,278	\$983,483
Driesen & Krystal	Assessing the Relationship Between Cortical Oxidative Metabolism and Working Deficits Under NMDA Receptor Blockade	NIMH	2017-2019	\$153,125	\$251,125
Duman	Role of GABA Interneurons in Rapid Antidepressant Actions of NMDA Receptor Blockade	NIMH	2017-2022	\$510,206	\$2,340,351
Duman	Synaptic Mechanisms Underlying the Rapid Antidepressant Actions of Scopolamine	NIMH	2014-2019	\$431,989	\$2,164,744
Esterlis	Glutamate Neurotransmission in Bipolar Depression and Mania	NIMH	2017-2019	\$150,000	\$460,625
Esterlis	PET-fMRI Study of Glutamate and Frontal Function in Bi- and Uni-polar Depression	NIMH	2015-2020	\$496,729	\$2,146,470
Esterlis	Role of Neuroinflammation in the Pathophysiology of Bipolar Depression	NIMH	2017-2019	\$149,866	\$460,625
Esterlis	In Vivo Imaging of a Neural Marker of Suicidal Behavior in Bipolar Disorder	NIMH	2018-2023	\$494,016	\$3,935,570
Esterlis & Pietrzak	Depression and Accelerated Brain Aging: A PET Imaging Study	NIMH	2018-2023	\$658,949	\$4,051,532
Feder & Pietrzak	Neuroimaging of Resilience in World Trade Center Responders: A Focus on Emotional Processing, Reward and Social Cognition	CDC/NIOSH	2017-2021	\$599,086	\$2,398,856
Fichtenholtz (Sippel , Collaborator)	Neural Mechanisms of Emotional Vigilance in Posttraumatic Stress Disorder (PTSD)	NIH/NH-INBRE	2018-2020	\$3,600**	\$84,501

National Institutes of Health (NIH), continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Gradus	Characterizing Trauma Outcomes: From Pre-Trauma Risk to Post-Trauma Sequelae	NIMH	2017-2021	\$319,091	\$1,303,518
Gradus	Risk Profiles for Suicidal Behavior in the General Population	NIMH	2016-2020	\$321,827	\$1,375,793
Gutner	Effectiveness of a Unified Transdiagnostic Treatment in Routine Clinical Care	NIMH (K)	2014-2019	\$180,992	\$889,721
Harpaz-Rotem & Hampson	Neurofeedback of Amygdala Activity for PTSD	NIMH	2018-2020	\$344,563	\$1,154,286
Harpaz-Rotem & Schiller	Fear Learning and Reconsolidation After Trauma Exposure: A Computational Approach	NIMH	2014-2019	\$429,080	\$1,830,328
Hayes (Miller , Site PI)	Neuroimaging and Molecular Markers of AD and Neurodegenerative Disease after Concussion	NIA	2019-2024	\$150,765**	\$1,309,214
Keane	Postdoctoral Training in PTSD	NIMH	2016-2020	\$250,000	\$1,021,231
Lee, L.	Lifespan Effects of Biologically Embedded Stress on Health	NIA (K)	2015-2020	\$129,363	\$644,743
Lee, L. & Mroczek	Boston Early Adversity and Mortality Study (BEAMS): Linking administrative data to long-term longitudinal studies	NIA	2019-2024	\$752,220	\$3,528,185
Levy	Individual Differences in Decision Making Under Uncertainty	NIMH	2019-2024	\$729,930	\$3,337,954
Malison & Gelernter	Identifying Methamphetamine Risk Variants by Extreme Phenotype Exome Sequencing	NIDA	2015-2020	\$600,000	\$2,595,844
Morey (Logue , Site PI)	Trauma and Genomics Modulate Brain Structure across Common Psychiatric Disorders	NIMH	2017-2021	\$520,253**	\$2,096,864
Morris & Cosgrove	Imaging Sex Differences in Smoking-Induced Dopamine Release via Novel PET Methods	NIDA	2015-2020	\$439,638	\$2,198,190
Nilni	PTSD-Related Neurobiological Mediators of Negative Pregnancy Outcomes	NICHD K	2017-2021	\$153,933	\$615,735
Pless Kaiser & Niles	A Randomized Pilot Trial of Tai Chi Compared to Wellness Education for Older Veterans	NIA/Boston Roybal Center	2018-2019	\$26,985	\$26,985
Ralevski	Effects of Allopregnanolone on Stress-Induced Craving	NIAAA	2017-2019	\$155,444	\$343,613
Rosen & Martino (Holtzheimer , Site PI)	Engaging Veterans Seeking Service-Connection Payments in Pain Treatment	NCCIH/NIDA	2017-2019	\$66,000**	\$544,589
Scioli	Neurobiological Mediators of Self-Regulatory and Reward-Based Motivational Predictors of Exercise Maintenance in Chronic Pain and PTSD	NCCIH	2018-2021	\$171,257	\$346,500
Sippel	Neurocognitive Mechanisms of Poor Social Connection in PTSD	NIH/CTSI	2018-2019	\$25,927	\$44,447

APPENDIX C: Fiscal Year 2019 Funding

National Institutes of Health (NIH), continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Sloan	Written Exposure Therapy for PTSD: A Randomized Noninferiority Trial	NIMH	2012-2019	\$0	\$1,149,000
Smith	Health Mechanisms and Outcomes in an Epidemiological Cohort of Vietnam Era Women Veterans	NIA	2016-2019	\$12,145	\$137,381
Smith & Krystal	Yale Clinical and Translational Science Award (CTSA)	NIMH	2016-2021	\$8,657,777	\$44,547,832
Smith & Logue	The Impact of Traumatic Stress on the Methylome: Implications for PTSD	NIMH	2016-2020	\$559,082	\$2,479,996
Taft	Trauma-Focused Partner Violence Intervention	NIMH	2017-2019	\$20,000	\$20,000
Williams (Holtzheimer, Site PI)	Mechanistic Circuit Markers of Transcranial Magnetic Stimulation Outcomes in Pharmacoresistant Depression	NIMH	2020-2024	\$0	\$1,996,000
Wiltsey Stirman & Monson	Improving and Sustaining CPT for PTSD in Mental Health Systems	NIMH	2016-2020	\$433,423	\$1,615,257
Wiltsey Stirman (Gutner, Site PI)	Leveraging Routine Clinical Materials and Mobile Technology to Assess CBT Quality	NIMH	2017-2021	\$632,907	\$2,607,817
Wolf	Neurobiological Correlates of Accelerated Cellular Aging	NIA	2019-2021	\$189,000	\$346,500
Zimmerman	Participatory System Dynamics vs Audit and Feedback: A Cluster Randomized Trial of Mechanisms of Implementation Change to Expand Reach of Evidence-based Addiction and Mental Health Care	NIDA	2019-2023	\$577,049	\$2,864,531
Zimmerman	Participatory System Dynamics for Evidence-based Addiction and Mental Healthcare	NIDA	2016-2020	\$0	\$398,960

CDC Centers for Disease Control and Prevention; CTSI Clinical and Translational Science Institute; K Career Development Award; NCCIH National Center for Complementary and Integrative Health; NH-INBRE New Hampshire IDeA Network of Biomedical Research Excellence; NIA National Institute on Aging; NIAAA National Institute on Alcohol Abuse and Alcoholism; NICHD National Institute of Child Health and Human Development; NIDA National Institute on Drug Abuse; NIH National Institutes of Health; NIMH National Institute of Mental Health; NIMHD National Institute on Minority Health and Health Disparities; NIOSH National Institute for Occupational Safety and Health; PGC Psychiatric Genomics Consortium
 **Indicates FY2019 funds allocated to funded site PI or collaborator.

APPENDIX C: Fiscal Year 2019 Funding

Department of Defense (DOD)

Principal Investigator	Research Title	Years	FY2019 Funding	Total Funding
Chard & Marx	Psychometric Evaluation of the Clinician Administered PTSD Scale for DSM-5 (CAPS-5) and the PTSD Symptom Scale Interview for DSM-5 (PSSI-5) in an Active Duty and Military Veteran Sample	2018-2020	\$1,067,635	\$3,235,388
Keane & Marx	Project VALOR: Trajectories of Change in PTSD in Combat-Exposed Veterans	2012-2019	\$0	\$3,450,000
Marx	Decreasing Suicide Risk among Service Members with Posttraumatic Stress	2019-2021	\$635,195	\$1,269,741
McLean & Rosen	Targeted Strategies to Accelerate Evidence-Based Psychotherapies Implementation in Military Settings	2017-2021	\$1,834,162	\$8,265,060
Mitchell & Cooper	Eating Disorders in Veterans: Prevalence, Comorbidity, Risk, and Healthcare Use	2018-2021	\$529,281	\$1,463,890
Norman	Trauma Informed Guilt Reduction (TrIGR) Intervention	2015-2019	\$467,692	\$1,989,870
Shiner	Comparative Effectiveness of Psychotropic Medications for PTSD in Clinical Practice	2017-2020	\$343,956	\$1,160,375
Sloan	Brief Treatment for PTSD: Enhancing Treatment Engagement and Retention	2015-2020	\$65,000	\$2,226,872
Taft	Strength at Home Couples Program to Prevent Military Partner Violence	2015-2019	\$140,480	\$708,905
Wachen	Massed Cognitive Processing Therapy for Combat-related PTSD	2017-2021	\$903,277	\$3,282,395

Other Non-VA Sources

Averill	Brain Connectivity Networks and Predictors of Rapid Improvement in Suicidal Ideation Among Veterans	American Foundation for Suicide Prevention	2018-2020	\$40,000	\$90,000
Averill	Connectivity Networks Underlying Ketamine-Induced Improvements in Suicidal Ideation	Robert E. Leet and Clara Guthrie Patterson Trust for Mentored Clinical Research Award	2017-2019	\$45,000	\$45,000
Duman	Identification and Characterization of Novel Drug Targets for Depression	Tashio Pharmaceuticals	2016-2019	\$200,000	\$600,000
Esterlis	Evaluation of a Novel Target for the Treatment of Chronic Pain in Women	Women's Health Research Yale School of Medicine	2019-2020	\$49,700	\$49,700
Esterlis	Evaluation of Glutamatergic System in Adolescent Depression	Nancy Taylor Foundation	2018-2020	\$108,000	\$216,000
Feder & Pietrzak	A Randomized Controlled Trial of Internet CBT for PTSD in WTC Responders	CDC/NIOSH	2016-2019	\$499,912	\$1,499,736

APPENDIX C: Fiscal Year 2019 Funding

Other Non-VA Sources, continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Galovski & Street	Women Veterans Network (WoVeN) - Phase 2	Walmart Foundation	2018-2020	\$62,011	\$250,782
Galovski & Street	Women Veterans Network (WoVeN) Training Peer Trainers to Increase Reach, Sustainability	Oak Foundation	2019-2020	\$37,500	\$50,000
Girgenti	Sex-specific Molecular Mechanisms in PTSD	Brain and Behavior Research Foundation	2020-2022	\$0	\$70,000
Holtzheimer	Neural Markers of Antidepressant Response to Dorsolateral versus Medial Prefrontal Transcranial Magnetic Stimulation	Brain and Behavior Research Foundation	2016-2019	\$50,000	\$100,000
Hu & Marx	Mining Audio Cues from PTSD Interviews	MITRE Innovation Award	2016-2019	\$100,000	\$100,000
Kaye	Circuit of Mechanisms of a Pupillary Biomarker for Stress-Induced Hyperarousal	Brain and Behavior Research Foundation	2019-2021	\$35,000	\$70,000
Kelmendi	Role of MDMA on Amygdala and Prefrontal Cortex on PTSD	Brain and Behavior Research Foundation	2016-2019	\$35,000	\$70,000
Krystal & Abdallah	Examining the Impact of Rapamycin on Ketamine's Antidepressant Effects	Pfeiffer Foundation	2015-2019	\$167,000	\$500,000
Levy	Decision Making Under Uncertainty Across The Lifespan: Cognitive, Motivational and Neural Bases	National Science Foundation	2018-2020	\$224,771	\$696,038
McCaslin	A Pilot Study of Digital Cognitive Behavioral Therapy for Veterans with Insomnia and Comorbid Psychopathology	Big Health, Inc	2017-2019	\$26,959	\$26,959
McGovern & Heinz	Evaluating the Sonoma Wildfire Mental Health Collaborative: A study of direct care and technology partnerships to support mental health among disaster survivors	Healthcare Foundation of Northern Sonoma County	2019-2020	\$99,981	\$99,981
Nilini & Valentine	A Pragmatic Effectiveness Trial of a Brief Exposure Therapy for PTSD on Substance Use and Mental Health Morbidity and Mortality During the Perinatal Period	Grayken Center for Addiction	2019-2021	\$75,000	\$150,000
Petrakis	Kappa Opioid Receptor Antagonist for the Treatment of Alcohol Use Disorder and Comorbid PTSD - Planning Grant	Pharmacotherapies for Alcohol and Substance Use Disorders Consortium	2018-2020	\$189,794	\$576,152
Sareen (Pietrzak, Site PI)	Defining the Longitudinal Course, Outcomes, and Treatment Needs of Vulnerable Canadians with Posttraumatic Stress Disorder	Canadian Institutes of Health Research	2015-2022	\$340,868	\$2,386,073
Sippel	Social Approach and Avoidance in PTSD: Implications for Social Functioning	Geisel School of Medicine Gary Tucker Junior Investigator Research Award	2019-2020	\$19,961	\$39,922

APPENDIX C: Fiscal Year 2019 Funding

Other Non-VA Sources, continued

Principal Investigator	Research Title	Funding Source	Years	FY2019 Funding	Total Funding
Taft	Implementation of VA Rollout of Strength at Home	Bob Woodruff Foundation	2019-2020	\$189,673	\$642,118
Vogt	The Veterans Metrics Initiative: Linking Program Components to Post-Military Well-Being	Consortium of Public and Private Funding, including VA HSR&D	2015-2020	\$1,341,242	\$5,914,960
Wolf	The Utility of MMPI-2 RF in Informing VA Pain Clinic Care	University of Minnesota Press, Test Division	2016-2022	\$0	\$24,000

CDC Centers for Disease Control; NIOSH National Institute for Occupational Safety and Health; HSR&D Health Services Research and Development

Projects Pending Funding

Principal Investigator	Research Title	Funding Source	Years	Total Funding
Arditte Hall	Neurocognitive and Physiological Markers of Trauma-Related Rumination in PTSD	NIMH (K)	2019-2023	\$752,353
Bean & Sciolli	The VA REAP Center for Rehabilitative Care: Optimizing Mobility, the Mind, and Motivation	VA RR&D	2020-2025	\$1,570,721
Cerezo & Livingston	Drinking to Cope, Drinking to Fit In: Examining the Impact of Stigma-Related Stress and Social Norms on Drinking Patterns in sexual minority women	NIAAA	2020-2022	\$315,336
Daskalakis (Miller, Site PI)	Brain Transcriptional Dissection of PTSD at Single-Cell Resolution	NIMH	2019-2024	\$945,425
Galovski & Kehle-Forbes	Personalizing Cognitive Processing Therapy with a Case Formulation Approach to Intentionally Target Impairment in Psychosocial Functioning	VA RR&D	2020-2024	\$1,424,656
Gelernter	PTSD Genome-wide: Genetics, Expression, and Epigenetics	NIMH	2019-2024	\$3,349,678
Gradus & Shiner	Identification of Novel Agents to Treat PTSD using Clinical Data	NIMH	2019-2023	\$3,634,570
Gutner	Going Direct to the Consumer: Utilizing Technology and Partnerships to Increase Reach of Mental Health Treatment Options	VA HSR&D	2019-2020	\$139,330
Harpaz-Rotem	Comparing the Long Term Effectiveness of Evidence-Based Treatment for PTSD	PCORI	2020-2024	\$860,000
Huber	Role of TBI initiated Glymphatic Impairment in the Pathophysiology of CTE and PTSD	VA RR&D	2019-2024	\$1,100,000
Kaye	Determining the role of noradrenergic heterogeneity in innate threat response	NIMH (K)	2020-2025	\$974,700
Kaye	Identifying Noradrenergic Circuit Mechanisms in Innate Threat and PTSD	VA BLR&D (CDA)	2020-2025	\$1,273,490
Kehle-Forbes	Evaluation of a Self-Management Program for Completers of Trauma-Focused Therapy	NIMH	2019-2022	\$450,000
Kehle-Forbes & Hagedorn (Norman, Site PI)	Comparative Effectiveness of Trauma-Focused and Non-trauma-focused Treatment Strategies for PTSD Among Those with Co-occurring SUD (COMPASS)	PCORI	2020-2023	\$5,000,000

APPENDIX C: Fiscal Year 2019 Funding

Projects Pending Funding, continued

Principal Investigator	Research Title	Funding Source	Years	Total Funding
Kelmendi	The Neural Correlates of the Effects of Psilocybin in OCD: A Randomized Controlled Trial	NIMH (K)	2020-2024	\$778,392
Kraus (Pietrzak , Site PI)	Recovery Capital in Gambling Disorder: A Mixed-Methods Comparative Study in Israel and the United States	Binational Science Foundation	2019-2021	\$229,883
Kuhn & Sayers	A Randomized Controlled Trial of Coaching Into Care with VA-CRAFT to Promote Veteran Engagement in PTSD Care	VA HSR&D	2020-2024	\$1,199,120
Meredith & Sloan	Embedding Written Exposure Therapy into Collaborative Care for PTSD in Primary Care	NIMH	2019-2023	\$3,717,747
Livingston	Brief Technology-Based Intervention to Reduce Alcohol Use, Relapse Risk, and PTSD Symptoms Following Discharge from Inpatient Detoxification	NIAAA	2020-2025	\$915,375
Maguen (Shiner , Site PI)	Does Evidence-Based PTS Treatment Improve Physical Health Outcomes?	DoD	2020-2022	\$55,500
McInnes & Livingston	Capturing the Interrelationships of Homelessness and Alcohol Use Disorders among Veterans through Smartphone Data Collection	Hubert and Richard Hanlon Trust	2020-2022	\$199,762
Neylan & Woodward	Maladaptive Myelination in PTSD: An In Vivo MRI and PTSD Brain Bank Study	NIMH	2020-2025	\$2,954,845
Niles & Mori	Evaluation of Tai Chi for Posttraumatic Stress Disorder	VA RR&D	2020-2025	\$1,101,211
Otto & Scioli	Progressive Exercise Training as a Multisystem Therapeutic Approach to Treating Chronic Low Back Pain: Examination of Underlying and Sex-Specific Mechanisms and Moderators	NIH HEAL Initiative Back Pain Consortium	2020-2025	\$5,193,364
Rasmusson	Facilitation of Reconsolidation Blockade and Extinction Retention in PTSD by Intravenous Allopregnanolone	NIMH	2020-2025	\$4,050,378
Scioli & Rasmusson	Potential Neurohumoral Biomarkers Underlying Exercise Augmentation of Cognitive Processing Therapy in a Chronic Pain and PTSD Veteran Population	VA CSR&D	2020-2023	\$1,643,235
Shiner	Assessing the Relationship Between Chronic Hypoxia and Suicide	VA HSR&D	2020-2022	\$575,023
Shiner	Evaluating the Effect of PTSD and Evidence-Based PTSD Treatment on Death by Suicide	DoD	2019-2021	\$2,202,020
Smith	Long-Term Health Impact of Vietnam Era Service: Examining Gender Differences in Risk of Mortality and Chronic Disease	VA CSR&D	2020-2022	\$375,286
Taft	Social Information Processing and Intimate Partner Violence	Israel Binational Science Foundation	2019-2022	\$230,000
Vogt & Meyer	Veterans' Well-Being following Transition from Military Service: Effects of Military Stress Exposure, Comparison with Civilians, and Evaluation of Assessment Feedback as a Strategy to Improve Outcomes	VA RR&D	2019-2021	\$894,779
Wiltsey Stirman & Rosen	Leadership and Organizational Change for Implementation in VA Mental Health	VA HSR&D	2019-2023	\$1,199,616

APPENDIX C: Fiscal Year 2019 Funding

Projects Pending Funding, continued

Principal Investigator	Research Title	Funding Source	Years	Total Funding
Wylie & Holtzheimer	Understanding the Relationship between Depression and Fatigue in TBI	NINDS	2020-2024	\$2,433,163

BLR&D Biomedical Laboratory Research and Development Service; CDA Career Development Award; CDC Centers for Disease Control; CSR&D Clinical Science Research and Development Service; DoD Department of Defense; HSR&D Health Services Research and Development Service; HEAL Helping to End Addiction Long-term Initiative; NIAAA National Institute on Alcohol Abuse and Alcoholism; NIH National Institutes of Health; NIMH National Institute of Mental Health; NINDS National Institute of Neurological Disorders and Stroke; NIOSH National Institute for Occupational Safety and Health; PCORI Patient-Centered Outcomes Research Institute; RR&D Rehabilitation Research and Development Service; VA Veterans Affairs