

Appendix C: Fiscal Year 2018 Funding

VA Cooperative Studies Program (CSP)

Principal Investigator	Research Title	Years	Current Funding	Total Funding
Krystal	CSP #2016: Adaptive Clinical Trial for Insomnia in Veterans with PTSD (ACTIVE-PTSD)	2018-2023	\$0	\$24,467,860
Schnurr, Chard, & Ruzek	CSP #591: Comparative Effectiveness Research in Veterans with PTSD (CERV-PTSD)	2013-2018	\$2,567,053	\$9,048,760

Other VA Sources

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Averill	Intrinsic Functional Connectivity and Cognition in Posttraumatic Stress Disorder	VISN 1 (CDA)	2016-2018	\$124,032	\$249,304
Averill	Structural and Functional Correlates of Suicidality in Veterans with PTSD	CSR&D (CDA)	2019-2023	\$0	\$1,680,000
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	\$0	\$416,932
Bernardy	Measuring the Impact of the Use of Academic Detailing to Improve PTSD Treatment	ORH	2017-2018	\$299,697	\$299,697
Bovin & Schnurr	Validation of the PTSD Primary Care Screen	HSR&D	2017-2019	\$205,925	\$461,933
Carlson	Pilot Study of Standalone and Peer Supported Online Problem Solving Program in Veterans with Untreated Mental Health Problems	HSR&D	2018-2019	\$33,000	\$100,000
Cloitre	Office of Rural Health webSTAIR Program	ORH	2016-2021	\$1,336,740	\$12,088,620
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)	2016-2021	\$187,332	\$950,687
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	\$243,500	\$1,001,900
Hamblen	CBT for PTSD in Veterans with Co-occurring Substance Use Disorders	CSR&D	2012-2018	\$0	\$892,314
Hamilton & Kimerling	Enhancing the Mental and Physical Health of Women Through Engagement and Retention (EMPOWER)	QUERI	2015-2020	\$830,000	\$4,150,000
Heinz	Cognitive Remediation for Alcohol Use Disorder and PTSD	RR&D (CDA)	2014-2019	\$191,703	\$986,195

Appendix C: Fiscal Year 2018 Funding

(Other VA Sources, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Iverson	Addressing Intimate Partner Violence Among Women Veterans: Evaluating the Impact and Effectiveness of VHA's Response	HSR&D	2018-2019	\$50,000	\$50,000
Iverson	Intimate Partner Violence Screening Programs in VHA: Informing Scale-Up and Spread of Best Practices	HSR&D	2017-2018	\$89,000	\$98,600
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	\$274,556	\$853,362
Kachadourian	Mindfulness Treatment for Anger in Veterans with PTSD	CSR&D (CDA)	2017-2021	\$129,304	\$732,428
Kachadourian	Using EMA to Assess Aggression Perpetration in Veterans with PTSD and Chronic Pain	HSR&D/ PRIME Center	2017-2018	\$3,609	\$3,609
Keane	CAP-Administrative Core*	VA/DoD	2016-2020	\$366,356	\$1,231,923
Kehle-Forbes	Dropout from Evidence-based Therapy for PTSD: Reasons and Potential Interventions	HSR&D	2015-2018	\$258,679	\$799,130
Kehle-Forbes	Pilot Test of a Self-Management Program for Completers of Trauma-Focused Therapy	RR&D	2018-2020	\$84,991	\$196,495
Kimerling	Development of a Patient-Reported Measure to Assess Healthcare Engagement	HSR&D	2018-2020	\$329,726	\$960,248
Knight	LED Light Therapy to Improve Cognitive-Psychosocial Function in TBI-PTSD Veterans	RR&D	2015-2018	\$0	\$199,976
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	An RCT of a Primary Care-Based PTSD Intervention: Clinician-Supported PTSD Coach	HSR&D	2017-2020	\$275,000	\$1,100,000
Loflin	Cannabidiol as an Adjunctive to Prolonged Exposure for the Treatment of PTSD	CSR&D (CDA)	2019-2023	\$0	\$1,310,332
Landes (PI), 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	\$84,293**	\$1,222,926
Logue	Early Cognitive Impairment as a Function of Alzheimer's Disease and Trauma	BLR&D	2018-2020	\$147,368	\$296,877
Logue	Genetic and Epigenetic Biomarkers of PTSD	BLR&D	2017-2020	\$144,376	\$610,600
McGlinchey (PI), Rasmusson (Site PI)	VA Center of Excellence: Translational Research Center for TBI and Stress Disorders	RR&D	2014-2019	\$0***	\$5,000,000
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
Morland	An Integrative Technology Approach to Home-based Conjoint Therapy for PTSD	RR&D	2016-2020	\$259,500	\$1,038,000
Niles	Novel Interventions for Gulf War Veterans' Illnesses	CSR&D	2016-2021	\$336,136	\$1,664,578
Norman	Topiramate and Prolonged Exposure for Alcohol Use Disorder and PTSD	RR&D	2018-2022	\$149,648	\$927,733
Oslin (PI), Gelernter (Site PI)	PRIME Care (PRrecision medicine In MEntal health Care)	HSR&D	2017-2022	\$75,701**	\$11,306,320
Peterson & Keane	Consortium to Alleviate PTSD (CAP)	VA/DoD	2013-2020	\$5,545,118	VA: \$21,000,000

Appendix C: Fiscal Year 2018 Funding

(Other VA Sources, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Petrakis	Optimal Treatment of Veterans with PTSD and Comorbid Opiate Use Disorder (OUD)	BLR&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	\$26,298
Pineles	An Electrophysiological Predictor of SSRI Response in Veterans with PTSD	CSR&D	2019-2023	\$0	\$599,531
Pless Kaiser	Improving Psychosocial Functioning in Older Veterans with PTSD	RR&D (CDA)	2017-2021	\$156,509	\$809,149
Scioli-Salter	Neurobiological and Psychological Benefits of Exercise in Chronic Pain and PTSD	RR&D (CDA)	2013-2018	\$189,919	\$953,342
Scioli-Salter	Neurobiological and Psychological Benefits of Fibromyalgia and PTSD	RR&D	2017-2019	\$63,275	\$199,904
Shiner	Improving Care for PTSD	HSR&D (CDA)	2014-2019	\$172,218	\$1,292,446
Shiner	Patient Safety Center of Inquiry: Prevention of Suicide	NCPS	2015-2018	\$123,500	\$421,500
Shiner	Patient Safety Center of Inquiry: Prevention of Suicide (Renewal)	NCPS	2018-2021	\$0	\$526,809
Sloan	Group CBT for Chronic PTSD: A Randomized Clinical Trial	CSR&D	2015-2018	\$0	\$235,707
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
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
Zulman & Kimerling	Making Connections: Tablet-Enabled Telehealth to Enhance Veterans' Access and Care	QUERI	2016-2018	\$425,964	\$550,669

BLR&D Biomedical Laboratory Research & Development Service; 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; PRIME Pain Research, Informatics, Multimorbidities, and Education; QUERI Quality Enhancement Research Initiative; RR&D Rehabilitation Research and Development Service; VISN Veterans Integrated Service Network; VA Veterans Administration

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

**Indicates FY2018 funds allocated to funded site PI.

***No direct funding provided to NCPTSD but in-kind support provided.

National Institutes of Health (NIH)

Principal Investigator	Research Title	Funding Source	Years	Current 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 (PI), Gelernter (Site PI)	Psychiatric Genomics Consortium: Find Actionable Variation	PGC via NIH et al.	2016-2021	\$0***	\$932,488

Appendix C: Fiscal Year 2018 Funding

(National Institutes of Health, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Carlson	Development of a Risk Factor Screen for Mental Health Problems after Sudden Illness or Injury	NIMHD	2017-2021	\$954,600	\$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 & Pietrzak	Depression and Accelerated Brain Aging: A PET Imaging Study	NIMH	2018-2023	\$0	\$4,051,532
Esterlis	Glutamate Neurotransmission in Bipolar Depression and Mania	NIMH	2017-2019	\$150,000	\$460,625
Esterlis	In Vivo Imaging of a Neural Marker of Suicidal Behavior in Bipolar Disorder	NIMH	2018-2023	\$490,000	\$2,500,000
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
Fichtenholtz (PI), Sippel (Site PI)	Neural Mechanisms of Emotional Vigilance in Posttraumatic Stress Disorder (PTSD)	NIH/NH-INBRE	2018-2020	\$4,650**	\$84,501
Gelernter	Genetics of Opioid Dependence	NIDA	2013-2018	\$1,077,916	\$4,852,913
Gelernter	PTSD Genomewide: Genetics, Expression, and Epigenetics	NIMH	2019-2024	\$0	\$3,349,678
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
Han & Gelernter	Fine Mapping a Gene Sub-network Underlying Alcohol Dependence	NIAAA	2014-2018	\$34,193	\$350,914
Harpaz-Rotem & Schiller	Fear Learning and Reconsolidation After Trauma Exposure: A Computational Approach	NIMH	2014-2019	\$429,080	\$1,830,328
Harpaz-Rotem & Hampson	Neurofeedback of Amygdala Activity for PTSD	NIMH	2018-2020	\$533,000	\$1,066,000
Keane	Postdoctoral Training in PTSD	NIMH	2016-2020	\$242,965	\$1,021,231
Lee & Heinz	Mobile Cognitive Control Training for the Treatment of Alcohol Use Disorder and PTSD	NIAAA	2017-2018	\$224,702	\$224,702
Malison & Gelernter	Identifying Methamphetamine Risk Variants by Extreme Phenotype Exome Sequencing	NIDA	2015-2020	\$600,000	\$2,595,844

Appendix C: Fiscal Year 2018 Funding

(National Institutes of Health, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
McKee & Cosgrove	Translational Center to Develop Gender Sensitive Treatments for Tobacco Smoking	NIDA	2012-2018	\$0	\$3,742,805
Morey (PI), Logue (Site PI)	Trauma and Genomics Modulate Brain Structure across Common Psychiatric Disorders	NIMH	2017-2021	\$58,392**	\$2,210,556
Morris & Cosgrove	Imaging Sex Differences in Smoking-Induced Dopamine Release via Novel PET Methods	NIDA	2015-2020	\$439,638	\$2,198,190
Nillni	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	2018-2019	\$26,985	\$26,985
Ralevski	Effects of Allopregnanolone on Stress-Induced Craving	NIAAA	2017-2019	\$155,444	\$343,613
Scioli-Salter	Neurobiological Mediators of Self-regulatory and Reward-based Motivational Predictors of Exercise Maintenance in Chronic Pain and PTSD	NCCIH	2018-2021	\$15,000	\$157,500
Sippel	Neurocognitive Mechanisms of Poor Social Connection in PTSD	NIH/ Dartmouth CTSI	2018-2019	\$18,519	\$44,447
Sloan	Written Exposure Therapy for PTSD: A Randomized Noninferiority Trial	NIMH	2012-2019	\$0	\$1,149,000
Smith & Logue	The Impact of Traumatic Stress on the Methylome: Implications for PTSD	NIMH	2016-2020	\$559,082	\$2,479,996
Smith	Health Mechanisms and Outcomes in an Epidemiological Cohort of Vietnam Era Women Veterans	NIA	2016-2019	\$67,905	\$137,381
Taft	Trauma-Focused Partner Violence Intervention	NIH/Boston University CTSI	2017-2018	\$20,000	\$20,000
Wiltsey Stirman & Monson	Improving and Sustaining CPT for PTSD in Mental Health Systems	NIMH	2016-2019	\$584,763	\$1,615,257
Wiltsey Stirman (PI), Gutner (Site PI)	Leveraging Routine Clinical Materials and Mobile Technology to Assess CBT Quality	NIMH	2017-2021	\$681,178	\$2,607,817
Wolf	Administrative Supplement to Traumatic Stress and Accelerated Aging in DNA Methylation	NIA	2017-2018	\$52,545	\$52,545
Wolf	Traumatic Stress and Accelerated Aging in DNA Methylation	NIA	2016-2018	\$63,000	\$126,000
Zimmerman	Participatory System Dynamics for Evidence-based Addiction and Mental Healthcare	NIDA	2016-2018	\$221,005	\$397,000

BU SoM Boston University School of Medicine; CTSI Clinical and Translational Science Institute; K Career Development Award; 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; PGC Psychiatric Genomics Consortium

**Indicates FY2018 funds allocated to funded site PI.

***No direct funding provided to NCPTSD but in-kind support provided.

Department of Defense (DoD)

Principal Investigator	Research Title	Years	Current 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
McLean & Rosen	Targeted Strategies to Accelerate Evidence-based Psychotherapies Implementation in Military Settings	2017-2021	\$1,834,162	\$8,265,060
McLean	Web-PE: Internet-delivered Prolonged Exposure Therapy for PTSD	2014-2018	\$495,000	\$1,979,473
Mitchell & Zafra 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	\$503,040	\$1,989,870
Rosen	PTSD Practitioner Registry: An Innovative Tracking, Dissemination and Support Tool for Providers in Military and Nonmilitary Settings	2014-2018	\$408,350	\$1,565,112
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	2015-2019	\$0	\$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	2017-2020	\$745,216	\$3,262,817
White & Mackintosh	Brain Injury and Military Service as Factors for Alzheimer's Disease and Other Conditions	2015-2018	\$372,948	\$1,491,790
Woodward	Can a Canine Companion Modify Cardiac Autonomic Reactivity and Tone in PTSD	2014-2018	\$324,518	\$910,335

Other Non-VA Sources

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Anticevic	Characterizing the Neuronal Mechanisms Behind Cognitive and Motivational Deficits in Psychiatric Disorders	Blackthorn Therapeutics	2016-2018	\$1,000,000	\$2,000,000
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
Averill	Intrinsic Connectivity Networks and Cognitive Impairment in PTSD	Brain and Behavior Research Foundation	2016-2018	\$34,993	\$69,993
Cosgrove	Imaging Glucocorticoid and Neuronal Dysfunction in PTSD	Brain and Behavior Research Foundation	2017-2018	\$99,998	\$99,998
Cosgrove	The Dopamine Signature of Cannabis: Imaging Sex Differences	Naratil Pioneer Award	2017-2018	\$50,000	\$50,000
Duman	Behavioral Actions of GLYX-13 in Rodent Models of Cognitive Flexibility	Allergan	2016-2018	\$82,230	\$82,230
Duman	Cellular Mechanisms Underlying the Antidepressant Actions of GLYX013	Allergan	2016-2018	\$246,960	\$246,960

Appendix C: Fiscal Year 2018 Funding

(Other Non-VA Sources, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
Duman	Identification and Characterization of Novel Drug Targets for Depression	Tashio Pharmaceuticals	2016-2019	\$200,000	\$600,000
Esterlis	In Vivo and Postmortem Study of Synaptic Plasticity	Nancy Taylor Foundation	2015-2018	\$156,038	\$500,661
Feder & Pietrzak	A Randomized Controlled Trial of Internet CBT for PTSD in WTC Responders	CDC/NIOSH	2016-2019	\$499,912	\$1,499,736
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
Feder & Pietrzak	Biomarkers of Psychological Risk and Resilience in World Trade Center Responders	CDC/NIOSH	2012-2018	\$995,911	\$3,873,351
Galovski & Street	Women Veterans Network (WoVeN)	Walmart Foundation	2017-2018	\$219,051	\$469,392
Galovski & Street	Women Veterans Network (WoVeN) - Phase 2	Walmart Foundation	2018-2020	\$62,011	\$250,782
Hu & Marx	Mining Audio Cues from PTSD Interviews	MITRE Innovation Award	2016-2099	\$100,000	\$100,000
Kaye	Circuit of Mechanisms of a Pupillary Biomarker for Stress-Induced Hyperarousal	Brain and Behavior Research Foundation	2019-2021	\$0	\$70,000
Kelmendi	Role of MDMA on Amygdala and Prefrontal Cortex on PTSD	Brain and Behavior Research Foundation	2016-2018	\$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	NSF	2018-2021	\$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
Monson & Wiltsey Stirman	Improving and Sustaining Clinician Use of CPT	Canadian Institutes of Health Research	2014-2018	\$182,000	\$728,215
Petrakis	Effects of Progesterone on Stress-induced Craving in PTSD and AUD	Brain and Behavior Research Foundation	2016-2018	\$99,390	\$99,390
Sanacora	An Open-label Long-term Safety and Efficacy Study of Intranasal Esketamine in Treatment-Resistant Depression (Sustain 2)	Janssen Research & Development	2015-2018	\$301,767	\$900,290
Sanacora	Electroconvulsive Therapy Versus Ketamine for Severe Resistant Depression	PCORI	2017-2021	\$0	\$1,500,000
Sanacora	Exploring the Role of Glial Mediated Glutamate Clearance in Stress Sensitivity and Resiliency	Brain and Behavior Research Foundation	2015-2018	\$0	\$99,819
Sanacora	Randomized, Double-blind Multicenter, Active-controlled Study to Evaluate the Efficacy, Safety and Tolerability of Intranasal Esketamine Plus an Oral Antidepressant in Elderly Subjects with Treatment Resistant Depression (Transform 3)	Janssen Res & Dev, LLC	2015-2018	\$58,811	\$222,630
Sareen (PI), 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
Taft	Implementation of VA Rollout of Strength at Home	Bob Woodruff Foundation	2017-2019	\$165,673	\$452,445

Appendix C: Fiscal Year 2018 Funding

(Other Non-VA Sources, continued)

Principal Investigator	Research Title	Funding Source	Years	Current Funding	Total Funding
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	2016-2018	\$0	\$24,000

CDC Centers for Disease Control; NIOSH National Institute for Occupational Safety and Health; NSF National Science Foundation; OGP Office of Government-wide Policy; PCORI Patient-Centered Outcomes Research Institute

**Indicates FY2018 funds allocated to funded site PI.

Projects Pending Funding

Principal Investigator	Research Title	Funding Source	Years	Total Funding
Bovin	From Screening to Treatment: Mapping Access to Care Pathways for Veterans Who Screen Positive for PTSD	VA HSR&D	2019-2020	\$98,767
Cook	Peer Online Motivational Interviewing for Sexual and Gender Minority Male Survivors	PCORI	2019-2022	\$1,416,757
Daskalakis (PI), Miller (Site PI)	Causal Gene Inference and Functional Genomics in PTSD	NIH NIMH	2019-2024	\$263,383
Feder (PI), Pietrzak (Site PI)	Digital Cognitive-Emotional Training for Depressed WTC Responders: A Randomized Controlled Trial	CDC/NIOSH	2018-2021	\$1,490,964
Galovski & Kehle-Forbes	Balancing Flexibility and Fidelity: Integrating a Case Formulation Approach with Cognitive Processing Therapy for PTSD to Improve Treatment Outcomes for Veterans	VA HSR&D	2018-2022	\$1,099,343
Galovski & Street	Women Veterans Network (WoVeN) - Extend Funding	Bob Woodruff Foundation	2019-2020	\$152,433
Galovski & Street	Women Veterans Network (WoVeN) - Train the Trainer Program	Fisher House Newman's Own Award	2018-2019	\$50,000
Gutner	Increasing Reach of Evidence-Based Psychotherapies in CBOCs: Identifying Needs and Strategies for Scale Out	VA HSR&D	2019-2019	\$98,534
Harpaz-Rotem & Pietrzak	Fear Reversal Learning in Combat-Related PTSD: A Multi-Modal fMRI-PET Approach	VA CSR&D	2018-2023	\$1,100,000
Hayes	Fear Generalization and Hippocampal Subfields in PTSD	Brain and Behavior Foundation	2018-2020	\$70,000
Hayes	Neuroimaging and Molecular Markers of AD and Neurodegenerative Disease after Concussion	NIH NIA	2018-2023	\$1,544,788
Holtzheimer & Wylie	Understanding the Relationship between Depression and Fatigue in TBI	VA CSR&D	2019-2022	\$600,000
Iverson	Addressing Intimate Partner Violence among Women Veterans: Evaluating the Impact and Effectiveness of VHA's Response	VA HSR&D	2019-2023	\$1,097,111
Kehle-Forbes & Galovski	Evaluation of a Self-Management Program for Completers of Trauma-Focused Therapy	NIH NIMH	2018-2021	\$450,000
Mackintosh	Delivering Anger Management Treatment through a Web-based Intervention: Determining Intervention Efficacy and Impact of Coaching Components	VA RR&D	2019-2023	\$1,097,431
Marx	Decreasing Suicide Risk among Service Members with Posttraumatic Stress	DoD	2019-2021	\$1,371,299
Meredith & Sloan	Embedding Written Exposure Therapy into Collaborative Care for PTSD in Primary Care	NIH NIMH	2019-2023	\$3,717,747
Miller, K.	Characterization of Sleep with Trauma Nightmares using Ambulatory Sleep Measurement	VA CSR&D (CDA)	2019-2022	\$767,040

Appendix C: Fiscal Year 2018 Funding

(Projects Pending Funding, continued)

Principal Investigator	Research Title	Funding Source	Years	Total Funding
Miller, M.	Leveraging Precision-Medicine to Enhance the Efficacy of Treatments for Posttraumatic Stress Disorder	Ellison Foundation	2019-2020	\$190,000
Mitchell	Eating Disorders among Veterans: Risk, Resilience, and Service Use	VA HSR&D	2018-2021	\$556,818
Nixon & Galovski	Improved PTSD Treatment Using Case Formulation: A Randomized Trial	National Health and Medical Research Council (Australian Government)	2019-2023	\$633,503
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	\$576,152
Scioli-Salter & Rasmusson	Potential Neurohumoral Biomarkers Underlying Exercise Augmentation of Cognitive Processing Therapy in a Chronic Pain and PTSD Veteran Population	VA CSR&D	2019-2023	\$1,643,235
Shiner	Evaluating the Effect of PTSD and Evidence-Based PTSD Treatment on Death by Suicide	DoD	2019-2021	\$2,762,519
Sloan	An Efficient Exposure-Based Treatment for PTSD Compared to Prolonged Exposure: A Noninferiority Trial	VA CSR&D	2019-2024	\$1,495,514
Sullivan	Neural Metabolic Stress in PTSD	NIH NIMH	2018-2022	\$652,070
Taylor (PI), McLean (Site PI)	Prevalence and Impact of Sleep Disorders in Service Members Receiving Treatment for PTSD	DoD	2018-2023	\$6,387,722
Wolf	Neurobiological Correlates of Accelerated Cellular Aging	NIH NIA	2018-2020	\$346,500
Wolf	Curcumin as a Novel Intervention for PTSD-Related Inflammation: A Magnetic Resonance Spectroscopy Study	One Mind Foundation	2018-2021	\$250,000
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	NIH NIDA	2019-2023	\$3,170,025
Zimmerman	Participatory System Dynamics vs. Usual Quality Improvement: Cost-Effectiveness of Staff Engagement in VA Data Modeling Simulations to Implement Timely Veteran Access to High-Quality Mental Health Care	VA HSR&D	2018-2022	\$1,099,699

CDA Career Development Award; CDC Centers for Disease Control; CSP Cooperative Studies Program; CSR&D Clinical Science Research and Development Service; DoD Department of Defense; HSR&D Health Services Research and Development Service; NIA National Institute on Aging; NIDA National Institute on Drug; NIH National Institutes of Health; NIMH National Institute of Mental Health; NIOSH National Institute for Occupational Safety and Health; PCORI Patient-Centered Outcomes Research Institute; VA Veterans Affairs