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APPENDIX A. FISCAL YEAR 2014 RESEARCH NARRATIVE

The National Center for PTSD helps to improve care of Veterans and others affected by trauma through its strong commitment to research on the prevention, causes, assessment, and treatment of traumatic stress disorders. During fiscal year (FY) 2014, Center investigators led 117 funded studies, ranging from small studies at a single location to large multisite projects. The Center continued to align its portfolio with the Operational Priorities identified in FY 2013 to optimally serve the field and carry out the Center's mission. These priorities include (1) Biomarkers; (2) *DSM-5*; (3) Treatment efficiency, effectiveness, and engagement; (4) Care delivery, models of care, and system factors; and (5) Implementation.

A major biomarker initiative that gained momentum in FY 2014 is the VA National PTSD Brain Bank. Dr. Matthew Friedman — Senior Advisor to the Center and its founding Executive Director, is directing the consortium, which includes the Uniformed Services University of Health Sciences, the VA Medical Center in San Antonio and in Boston, and the National Center's Behavioral Science and Clinical Neurosciences Divisions. The brain bank will acquire and prepare brain tissue, work to establish a definitive psychiatric diagnosis, promote research by distributing brain tissue based on scientific review of proposals, and facilitate intramural research.

Executive Division

The Executive Division (located in White River Junction, Vermont) supports the National Center's mission by providing leadership, directing program planning, and promoting collaboration to facilitate optimal functioning of each division individually and collectively. The Division specializes in the development of innovative and authoritative educational resources, programs that disseminate and implement best management and clinical practices, and the use of technologies to reach a broad range of audiences.

Clinical Trials

The Executive Division has a long history of participation in VA's Cooperative Studies Program (CSP). Enrollment began for CSP #591, a groundbreaking study comparing Prolonged Exposure (PE) and Cognitive Processing Therapy (CPT). The study, which will enroll 900 Veterans at 17 sites across the country, will help VA leadership, clinicians, and Veterans make informed choices about the delivery of PTSD care in VA; and will also be broadly relevant to the scientific and clinical communities outside VA.

Investigators continue to focus on issues that frequently co-occur with PTSD. A 5-site randomized clinical trial was completed of Acceptance and Commitment Therapy (ACT) for distress and impairment in Operation Enduring Freedom/ Operation Iraqi Freedom/Operation New Dawn (OEF/OIF/OND) Veterans, and analyses are almost complete; two other trials focusing on co-occurring substance use disorders and PTSD are continuing. One trial compares CPT for PTSD, and usual outpatient addiction care versus usual care alone; the other compares PE with Seeking Safety. Data are currently being analyzed to evaluate whether providing Veterans with a brief educational handout on mild traumatic brain injury (mTBI) can improve their knowledge and understanding of TBI, and the meaning of screening results for mTBI. Secondary analyses will identify clinic-level facilitators and barriers to implementing the handout into practice.

Product Evaluation

Analyses are ongoing of data from the evaluation of several of the National Center's online products. Investigators surveyed civilian and military personnel samples from an online research panel to evaluate the *Understanding PTSD Treatment* course and its companion PDF, as well as *PTSD Coach-Online*. Investigators are also analyzing data from an online survey completed by psychiatrists and general practitioners to assess the impact of one of the Center's PTSD 101 courses, *An Overview of the VA/DoD Clinical Practice Guideline for PTSD*. These evaluation studies offer insights into user and use characteristics, as well as how various products may improve attitudes, behaviors, knowledge, or mental health.

Dissemination and Implementation Research

The Executive Division continues work on several initiatives aimed at assessing models of care and improving evidencebased practice. A survey study to assess patients' decisional needs and preferences for PTSD treatment is in the planning stages; the results will inform the development of an online patient decision aid. An ongoing initiative examines the impact of an academic detailing model to reduce inappropriate prescribing practices for PTSD patients and uses decision support tools to encourage the use of shared decision making. A related project will determine whether using a clinical pharmacist in an academic detailing model can improve local PTSD prescribing practices in rural clinics throughout Vermont and Maine.

In addition to projects aimed at improving clinical practices, investigators are continuing to assess the state of VA care for PTSD. Results of a completed study of models of care within PTSD Clinical Teams will enhance the mission of the PTSD Mentoring Program that is managed by the Executive Division. Work also began on a project that applies novel informatics and operational methods to medical and administrative data in order to understand multiple dimensions of quality of PTSD care within VA.

Behavioral Science Division

The Behavioral Science Division (located in Boston, Massachusetts) conducts research on assessment, postdeployment adjustment, genomic and neuroscience mechanisms of psychopathology, and aging and health; and develops innovative approaches to intervention and treatment delivery.

Prospective Cohort Studies

Key projects include two large prospective cohort studies. The first is Project VALOR, a registry of 1,649 combat Veterans, both male and female, who became users of VA services after 2002. This project aims to provide data about health outcomes associated with PTSD, in part supplemented by clinical information from VA electronic medical records. Data collection for the third and final phase is currently is under way. The second large investigation, VA Cooperative Study #566, began data collection at the outset of the Iraq War/OIF in 2003. Military personnel were assessed before deployment and at several intervals afterward — making it the first prospective, longitudinal study ever conducted on the psychological impact of war zone stress. Data collection examines long-term emotional and neuropsychological outcomes of war zone stress and TBI, as well as health-related quality of life and occupational functioning. A component study examines the adjustment of partners and children of military service members.

Epidemiology and Risk/Resilience

The Behavioral Science Division is collaborating with other investigators from the VA Boston Healthcare System to study the long-term effects of military service on mental and physical health among aging Veterans. One project has created a website to provide researchers with information about military service variables that are available in a number of publicly accessible longitudinal data sets. The project recruited a national, multidisciplinary group of experts to develop and implement a research agenda. A conference in May 2014 featured papers examining the long-term effects of military service on aging using data derived from this array of data sets. The papers currently are being readied for publication.

Assessment

Ongoing efforts include a psychometric evaluation of a new measure to assess the dissociative subtype of PTSD and examination of the impact of the dissociative subtype on responsiveness to PTSD treatment. A related line of research involves the use of new Minnesota Multiphasic Personality Inventory-2 (MMPI-2) Restructured Form scales for the assessment of the dissociative subtype of PTSD and PTSD-related malingering. Behavioral Sciences Division investigators also participated in a consortium of private industries, universities, and government agencies working with the Defense Advanced Research Projects Agency (DARPA) to develop novel analytical tools to assess the psychological status of Warfighters. These tools examine patterns in everyday behaviors to detect subtle changes associated with PTSD, depression, and suicidal ideation.

Biomarkers

Behavioral Sciences Division investigators are examining neural biomarkers of PTSD and blast-related traumatic brain injury (bTBI) in OEF/OIF/OND Veterans. This research aims to clarify the contribution of mild bTBI and psychiatric conditions to the various deficits experienced by military personnel with blast injury. A recent study found that bTBI accompanied by loss of consciousness is associated with decreased structural integrity of the brain; and, in turn, brain integrity is directly related to memory performance.

Biomarker research at the Division also includes a rapidly growing portfolio of genetic studies. So far, this line of work has yielded the first published genome-wide association study (GWAS) of PTSD, several candidate gene studies, and a new gene expression study implicating a glucocorticoid signaling gene in PTSD. Another line of work continues to evaluate the dissociative subtype of PTSD; and a paper has been published examining genetic markers for the symptoms that define the dissociative subtype. Behavioral Sciences Division investigators also are engaged in neuroimaging-genetic analyses focused on PTSD-related neurodegeneration in collaboration with the Translational Research Center for TBI and Stress Disorders (TRACTS) at VA Boston; and the investigators are collaborating with the Psychiatric Genomic Consortium PTSD workgroup on large-scale genome-wide association and methylation studies.

In collaboration with TRACTS investigators, Division researchers have identified alterations in the brain associated with impulsivity in PTSD. A recent study found impulse control deficits were associated with reduced cortical thickness in frontal brain regions involved in flexible decision-making and emotion regulation. A pilot study is under way to assess motivations for types of reckless and self-destructive behavior in trauma-exposed Veterans; and a related effort aims to validate a new measure of risky, impulsive, and self-destructive behavior.

Lastly, the Division is conducting functional and structural magnetic resonance imaging (MRI) studies to identify neural circuitry involved in PTSD. Preliminary data for these projects suggest specific brain regions within the prefrontal cortex that are active when individuals with PTSD manage negative emotions. The findings may yield new insights into brain pathways that can be targeted to enhance emotional regulation and cognitive performance.

Treatment Research

The Behavioral Sciences Division continues to conduct pioneering research on treatments for PTSD, with key aims of overcoming barriers to seeking care, reducing dropout, and increasing efficiency of care delivery. A prime example is a randomized clinical trial of an 8-session Internet-based treatment *VetChange*, designed for OEF/OIF/OND combat Veterans who report risky use of alcohol and PTSD-related distress. The intervention has been shown to reduce both drinking and PTSD symptoms. A mobile adaptation of *VetChange* is now under development.

Other efforts are aimed at developing and testing efficient therapist-delivered interventions or treatment extenders. The expectation is that these approaches will require less professional staff time and will be easier for patients to complete. A prime example is a brief, exposure-based treatment for PTSD that previously demonstrated strong effects with non-Veteran patients. Current and future studies are testing whether this brief intervention is as effective as CPT and whether it can be implemented successfully with active duty Servicemembers.

Research on factors that link PTSD with aggression toward intimate partners, particularly within OEF/OIF/OND military families, led to the development and evaluation of interventions designed to reduce ongoing aggression and to prevent aggression toward partners. Clinical trials examining two such interventions have been completed during the past year, and efforts are under way to disseminate these programs more widely within the VA.

In the area of complementary interventions, a pilot study investigating Tai Chi exercise for PTSD-related distress demonstrated high satisfaction and enthusiasm for this treatment modality by Veteran participants. Further studies are planned to examine Tai Chi for Gulf War Illness and to measure the impact of Tai Chi on chronic pain that is comorbid with PTSD. Highlighting the innovative work within the Behavioral Sciences Division, a recently funded study will examine the efficacy of a low-level light treatment protocol for Veterans with TBI that is comorbid with PTSD. This novel approach is extrapolated from established methods in photomedicine, based on preclinical studies showing that doses of red and near-infrared light improve mitochondrial functioning within damaged brain cells. The approach is being applied to Veterans with Gulf War Illness under a VA-funded study that has begun data collection.

Clinical Neurosciences Division

The Clinical Neurosciences Division (located in West Haven, Connecticut) supports the National Center's mission through its specialization in neurobiological, imaging, and genetic studies of the physical basis of traumatic stress, risk and resilience factors, pharmacotherapy, and targets of rehabilitation for PTSD and comorbid conditions.

Clinical Trials

The Division's clinical trials program is essential in translating neurobiological knowledge into tangible benefits for patients suffering from PTSD and comorbid disorders. Investigators are examining several new pharmacological agents to target PTSD, including (1) riluzole, a glutamate modulating agent; (2) ketamine, an N-methyl-D-aspartate (NMDA) receptor antagonist; (3) pomaglumetad methionil, a metabotropic glutamate receptor 2/3 (mGlu2/3) agonist; (4) the fatty acid amid hydrolase (FAAH) inhibitor URB597; and (5) neuropeptide Y (NPY), an endogenous neurohormone.

Other trials include the immunosuppressant rapamycin for depression and the sulfonamide anticonvulsant zonisamide, and enhanced CPT for PTSD and comorbid alcohol dependence. Plans are also under way for a trial of buprenorphine and naloxone for PTSD and comorbid opioid dependence. A trial continues for comparing standard care with an intensive integrated treatment for Veterans with PTSD and comorbid chronic pain. A study of the alpha-1 adrenergic receptor antagonist prazosin for PTSD and alcohol use was recently completed.

Neuroimaging

The Clinical Neurosciences Division is a leader in neuroimaging and contributes to the National Center's strategic objective of developing PTSD biomarkers. The Division is co-directing the Consortium to Alleviate PTSD (CAP) Neuroimaging Core, which capitalizes on the extensive neuroimaging expertise available through the Center, Yale University, and the South Texas Research Organizational Network Guiding Studies on Trauma and Resilience (STRONG STAR) infrastructures. A main objective of the Neuroimaging Core is to develop new technology and methods allowing noninvasive investigation of human neuronal chemicals, brain structure, and function. Additionally, investigators will conduct an innovative project to explore mechanisms linking social and environmental stress to changes in brain structure and function commonly observed in stress-related disorders. Specifically, research will investigate the effects of glutamate transporter expression on stress response and resilience. Several other projects are also using advanced neuroimaging methodologies, in conjunction with the aforementioned pharmacotherapy trials. Work also continues on a biomarker-informed trial using recently developed 7 Tesla 1H-MRS (magnetic resonance spectroscopy) methods — combined with MRI and functional magnetic resonance imaging (fMRI) — to evaluate the psychopharmacologic effects of riluzole on PTSD symptoms, hippocampal morphometry, and anterior cingulate glutamate levels.

Positron emission tomography (PET) imaging techniques also are being utilized to integrate complex neurobiological models across several neurochemical systems and structures in order to provide a more comprehensive understanding of PTSD. This includes use of a newly developed paradigm to study the effects of ketamine on metabotropic glutamate receptor 5 (mGluR5) availability, as well as use of a new radioligand to examine the cholinergic system in PTSD and mood disorders. A project is evaluating kappa opioid receptor availability in an amygdala-ventral striatal-anterior cingulate cortical circuit and its relationship to a heterogeneous research domain criteria-based (RDoC-based) phenotypic expression of depression.

The Clinical Neurosciences Division also has a number of cognitive neuroscience projects using fMRI. Areas of exploration include: (1) the neural correlates of aversive learning, (2) contextual fear conditioning, (3) cognitive-affective interference within a model of inescapable stress, (4) neurocognitive mechanisms related to impaired decision-making, and (5) reconsolidation-extinction learning. Cognitive neuroscientists at the Division are also continuing to evaluate the effect of the cannabinoid system on extinction learning using delta-9-tetrahydrocannabinol (Delta9-THC) and a novel fatty acid amide hydrolase (FAAH) inhibitor. Work also continues on evaluating the efficacy of neurofeedback in conjunction with real-time fMRI for reducing PTSD symptomatology.

Molecular Neuroscience, Genetics, and Stress Vulnerability

The Clinical Neurosciences Division is the main research site for the VA National PTSD Brain Bank, which characterizes molecular and cellular pathophysiology underlying PTSD. Recent work in this area includes whole genome microarray

expression to examine abnormally expressed gene products, including serum and glucocorticoid-regulated kinase 1 (SGK1) and regulated in development and DNA damage responses 1 (REDD1), in PTSD postmortem brain samples as compared with matched controls. Results from this and other novel postmortem work will be made available to the scientific community via an online system, affording the most widespread use of this critical information.

The molecular study of stress response on neural circuitry and cellular physiology also may help to identify areas of risk vulnerability and novel diagnostic approaches to better inform treatment response. Several current projects in this area include: (1) the mediating effect of childhood trauma, cortical thinning, and increased negative outcomes following military combat; (2) the role of social and environmental stress on structural and functional brain changes observed in PTSD; (3) the role of ketamine in fear extinction; and (4) the use of glutamatergic-based pharmacotherapies to enhance the functioning and glutamate expression on stress response and resilience of GLT1, the glutamate transporter.

The Division continues its collaboration with the Psychiatric Genomics PTSD Consortium, and co-leads a VA PTSD GWAS project with colleagues from University of California, San Diego. The project has been highly productive in establishing linkage and association paradigms identifying chromosomal regions and genes influencing risk for anxiety disorders. Other areas of focus include the analysis of PTSD-associated DNA methylation changes, and the use of a new statistical modeling strategy to study sex and genetic variant interactions. This modeling approach is expected to detect more novel genetic variants via genome-wide scan and may explain the higher prevalence of PTSD in women than in men following trauma exposure. Additionally, data from 16,000 participants in the Army Study to Assess Risk and Resilience in Service members (Army STARRS) are being analyzed to identify behaviors, genetic and gene-environmental (GxE) risk predictors associated with morbidity and mortality.

Research on resilience and stress vulnerability continues in children and their families who have been exposed to high levels of stress and trauma. In collaboration with the Yale Child Study Center, researchers from the Division have collected and are analyzing surveys that were completed by children and their parents facing serious medical illness, from both national and international locations. Data collection is also ongoing in a study of child and family adjustment to parental combat deployment and soldier reintegration among active duty military families at Ft. Drum, New York.

Translational Epidemiology

The Clinical Neurosciences Division continues to examine the epidemiology of traumatic stress, with a major focus on identifying protective psychosocial factors that promote resilience. The National Health and Resilience in Veterans Study aims to characterize psychosocial, genetic, environmental, and GxE determinants of PTSD — and related health outcomes — in a nationally representative sample of Veterans, with a special emphasis on older Veterans. This work has led to publications in the areas of posttraumatic growth, correlates of successful aging and the national prevalence of lifetime and current PTSD, and a model of PTSD typologies among Veterans. Studies funded by the Centers for Disease Control and Prevention/National Institute for Occupational Safety and Health also continue to examine a host of psychosocial, genetic, epigenetic, and neuroendocrine factors associated with the longitudinal trajectories of PTSD symptoms in a large cohort of first responders involved in to attacks on the World Trade Center.

Dissemination and Training Division

The Dissemination and Training Division (headquartered in Palo Alto, California), conducts research on (1) needs and preferences of providers and patients; (2) implementation and effectiveness of evidence-based assessments and treatments in VA and community settings; and (3) development and testing of novel assessments and treatments that exploit the potential unique benefits of technology-based delivery of services to improve access, quality, and outcomes in VA care.

Dissemination and Implementation Research

Three new studies funded in FY 2014 focus on providers. The first study concerns the use of Web technology in training clinicians in evidence-based interventions and testing variations in training procedures as they impact quality of skills in implementing the interventions. The second study is the development of a 28-site practitioner network across both the VA and the Department of Defense (DoD) that focuses on implementation of measurement-based care, specifically on the use

of symptom measures during the course of treatment to guide treatment planning. This study will evaluate the impact of different facilitation models in regard to success in uptake of measurement-based treatment across all sites. The third study is a randomized controlled trial (RCT) that focuses on increasing awareness of, receptivity to, and implementation of clinical practice guidelines for management of posttraumatic stress.

Barriers to Care and Patient Preferences

Several survey studies continue to address identification and engagement of Veterans in need of care. One is testing a brief screen for drug use among primary care patients with and without PTSD; another examines barriers to cannabis treatment among Veterans with PTSD. Along with collaborators at the Women's Health Sciences Division, staff at the Dissemination and Training Division completed research and evaluation work on screening and treatment of military sexual trauma. Continuing projects include studies on patient preferences for gender-specific mental health care and barriers to treatment engagement among male Veterans who experienced military sexual trauma.

Treatment Research

Randomized controlled trials are under way evaluating implementation strategies and patient outcomes in a variety of treatment settings. A large multisite clinical trial funded by the National Institutes of Health (NIH) is assessing the effectiveness of a flexibly delivered evidence-based PTSD treatment among civilian public sector women and will examine how variations in delivery affect patient outcomes. Two new trials that have obtained funding address substance use. One study will evaluate ACT in patients with comorbid PTSD and substance use problems; the other will evaluate the effectiveness of exercise in resolving cannabis dependence.

Evaluation of the national rollout of PE psychotherapy continued, with recent results confirming PE's effectiveness in a national sample of more than 1,800 Veterans. Investigators from the Dissemination and Training Division and the Minneapolis VA obtained funding for a study of organization- and team-level factors influencing the use of evidence-based PTSD psychotherapies in VA clinics.

Technology has been introduced to support and extend treatment. A new study is assessing the efficacy of group STAIR delivered via telemental health for female Veterans living in rural areas. A DoD-funded trial of telephone case management for Veterans with PTSD has been completed. Dissemination and Training Division staff also collaborated with colleagues at the Center's Pacific Islands Division on two clinical trials of psychotherapy delivered via video teleconferencing; the results of these trials have been recently published. Several pilot studies are assessing the potential of the *PTSD Coach* smart phone app in helping Veterans and civilians cope with PTSD. A pilot RCT study has been completed that identified benefits of introducing *PTSD Coach* among patients waiting for treatment, and has demonstrated reduction in PTSD symptoms as compared with those in waitlist-as-usual. The Division is also collaborating with investigators from the Minneapolis VA Medical Center on a study testing an online intervention to help National Guard families encourage their loved ones to seek mental health care.

Other studies address novel approaches to clinical problems in trauma survivors. Funding has been obtained to assess adaptive changes in cardiac autonomic status, physical activity, social cognition, and social interaction in real time among Veterans participating in the VA Service Animal Training Intervention program. NIH funding is supporting an investigation of online social networks for a highly stressed population (cancer survivors) to evaluate the types of social networking activities and level of engagement that may be related to positive mental and physical health outcomes. A DoD-funded study is testing whether teaching relaxation skills improves OEF/OIF/OND Veterans' driving behavior.

Evaluation Division

The Evaluation Division (headquartered in West Haven, Connecticut) supports the National Center's mission through a programmatic link with the VA's Northeast Program Evaluation Center (NEPEC), which has broad responsibilities within the VA Office of Mental Health Operations (OMHO) to evaluate their programs, including those for specialized treatment of PTSD.

NEPEC has continued to monitor and assess PTSD treatment at the VA. The monitoring includes both residential and outpatient specialty treatment programs, as well as PTSD treatment by trained providers not working within one of the PTSD specialty programs. The Evaluation Division via NEPEC also monitors the effort to improve psychotropic medication

prescribing practices at the Veterans Health Administration (VHA). Two of the measures in this initiative are the use of antipsychotics to treat PTSD and the use of benzodiazepines without an appropriate diagnosis or medical indication. It should be noted that although NEPEC is primarily engaged in evaluation research, it is also engaged in independent research projects related to the treatment of PTSD.

The Evaluation Division continues research on PTSD health service research, pain management, and the role of pain in the treatment of PTSD, as well as on sex differences in the health of returning Veterans. The Division is about to begin the third year of data collection on a National Institute of Mental Health (NIMH) Research Project Grant Program (R01), investigating the implementation of two evidence-based treatments, PE and CPT, in 38 Department of Veterans Affairs' residential treatment programs for PTSD. Findings have been published on provider perspectives on perceived effective residential treatment ingredients, provider perceptions of dissuading factors to the use of PE and CPT, and changes in implementation of PE and CPT over time. Recruitment continued for the Survey of Returning Veterans (SERV) study, which examines sex differences in OEF/OIF/OND Veterans. Currently, approximately 550 participants have been recruited into the study, and follow-up rates remain at or above 90%. The Division also submitted a Health Services Research and Development (HSR&D) grant to extend the SERV study, in an attempt to better understand why symptomatic Veterans elect not to seek services to address their difficulties.

Over the next year the Evaluation Division will examine further the role of pain in specialized PTSD treatment and in the treatment of comorbid disorders; continue the SERV study, publishing results from the qualitative interviews of participants and continuing the establishment of a longitudinal cohort of returning Veterans; and embark on a study of impulse control issues among people in treatment for PTSD. In addition, the annual survey of all specialized PTSD programs that is conducted by NEPEC has been changed and expanded to include questions about the dissemination of evidence-based therapies within specialized programs. The national psychopharmacology initiative has just begun and will be continuing throughout the year. The Division is also working with OMHO, Mental Health Services (MHS), and the Executive Division to establish a technical assistance group that will respond to requests from specialized programs and staff in the field on policy, operations, handbook implementation, and the provision of evidence-based practices (EBPs).

Pacific Islands Division

The Pacific Islands Division (located in Honolulu, Hawaii) was created to advance PTSD work in the Pacific Rim, and to focus on improving access to care for active duty personnel and Veterans by: (1) improving understanding of cultural attitudes; and (2) using advanced technology, such as telemedicine, to reach out to Veterans unable to otherwise access adequate care.

Assessment

DoD funding has allowed for the development of several new assessment tools including one to assess neurocognitive and psychosocial functioning in Veterans with PTSD. A mobile version, used by frontline medical support personnel, enables them to more rapidly and accurately detect PTSD and concussion in Servicemembers to help facilitate their access to appropriate treatment as quickly as possible. Results show excellent reliability and validity for these instruments. The Pacific Islands Division is also part of a DoD-sponsored team that developed and tested an assessment-guided intervention app. Delivered within the app are both subjective and psychophysiological assessments that trigger relevant psychoeducational skill-based interventions for use with combat Veterans with PTSD.

Treatment Research

Investigators recently completed trials of evidence-based PTSD treatments delivered via videoconferencing: (1) CPT to rural Community-Based Outpatient Clinics (CBOCs), (2) CPT for female Veterans, (3) polytrauma treatment via Home-Based Telehealth by a team of specialists to Veterans who have difficulty leaving their homes for treatment, and (4) couples therapy when one member of the couple is a rural Veteran with PTSD. A recently funded study examines the amount and location of PTSD treatment among Veterans based on presence or absence of a comorbid substance use disorder. In addition, a qualitative (focus group) project examined the interface of individual, family, and community factors associated with PTSD service utilization among rural Veterans. Lastly, a data repository of RCTs that used evidence-based treatment for Veterans with PTSD is being assembled to foster research to advance understanding into factors influencing PTSD treatment.

Other projects emphasize advanced technology to reach rural Veterans with PTSD who do not have easy access to specialized care for their PTSD. As an example, an anger management app, developed in collaboration with the Behavioral Sciences Division, was tested on a pilot sample.

Specific Populations

A completed survey study of partners of Veterans with PTSD yielded evidence of knowledge gaps; identified opportunities for education and support that could be targeted to spouses and families; and provided substantial qualitative data indicating both positive and negative impacts on spouses' (partners') emotional, physical, and social well-being. Several ongoing studies examine ethnic minority populations with regard to prevalence of PTSD and the corresponding functional status, stigma, access to care for Veterans with PTSD, and the role of spousal support; additionally, the studies identify unique risk and resilience correlates of PTSD in ethnoracially diverse Veterans.

Women's Health Sciences Division

The Women's Health Sciences Division (located in Boston, Massachusetts) specializes in the study of women and female Veterans, with an additional focus on understanding gender differences in trauma exposure and posttrauma psychopathology.

Biomarkers

Work at the Division includes studies aimed at elucidating basic biological processes underlying PTSD including a recently completed VA-funded study of sex hormones and derivatives associated with increased fear conditioning across the menstrual cycle in PTSD; a study of GABAergic neuroprotective steroids in men and in women across the menstrual cycle; and a series of NIMH-funded studies of the gene-environment interplay in the comorbidity of PTSD and eating disorders.

Treatment Research

Division investigators are also focused on developing and testing psychopharmacological interventions for PTSD, with several recently completed projects that include a DoD-funded double-blind, randomized, placebo-controlled trial of ganaxolone; and a study, co-funded by the Center for Integration of Medicine and Innovative Technology (CIMIT) and the DoD, investigating event-related potentials as a predictor of selective serotonin reuptake inhibitors (SSRI) response in individuals with PTSD.

Several other intervention studies examine more efficient treatment formats for CPT. With funding from the DoD via the South Texas Research Organizational Network Guiding Studies on Trauma and Resilience (STRONG STAR) consortium, investigators are completing studies that examine the relative effectiveness of CPT delivered in a group versus individual format, in-office as compared with in-home, and via telehealth as compared with in-person. In addition, the Women's Health Sciences Division is investigators are also examining strategies to more efficiently train clinicians in CPT and to monitor fidelity in routine care settings — including an ongoing NIMH-funded study focused on improving and sustaining the delivery of CPT among previously trained clinicians who treat Veterans with PTSD. Another VA-funded study examines the effect of tobacco use on recovery from PTSD during CPT treatment.

Other intervention studies focused on traumatized populations include a recently completed VA-funded examination of the efficacy of contingency management–supported tobacco cessation in Veterans with and without PTSD, and a newly VA-funded study that will apply a physical exercise intervention to elucidate the shared neurobiology of PTSD and chronic pain. An NIMH-funded intervention study is under way to examine the effectiveness and fit of a transdiagnostic treatment, the Unified Protocol, for trauma-exposed Veterans with co-occurring diagnoses. Additionally, an ongoing DoD-funded project examines a mindfulness-based training as a tool to assist Veterans coping with postdeployment intrusive thoughts.

Gender Differences

The Women's Health Sciences Division is continuing its research on the OEF/OIF/OND cohort, particularly in regard to the experiences of female Veterans. A large national survey of OEF/OIF Veterans that included the updated Deployment Risk

and Resilience Inventory-2 (DRRI-2) is now being used to investigate a wide range of research questions regarding the relationship between deployment experiences and postdeployment mental health.

The Division is also continuing a large, national survey of male and female returning OEF/OIF Veterans (with females oversampled) designed to examine gender differences in deployment experiences and postdeployment adjustment. Recent work with this sample has included investigations of predictors of suicidal ideation and associations between deployment stressors, PTSD, and nicotine use. Work with the OEF/OIF/OND cohort also includes a VA-funded examination of the effects of deployment stressors and associated mental health sequelae on occupational and family functioning over time in female Veterans compared with male Veterans.

Investigators are also conducting research on the associations between PTSD, treatment for PTSD, suicidal behavior, and death from suicide among VA health care users. For example, a cohort study, funded by the American Foundation for Suicide Prevention, examines differences in both suicide and suicide attempts in female and male VHA patients with and without PTSD, with a particular focus on gender differences in the role of PTSD treatment as a moderator of these relationships.

Military Sexual Trauma and Partner Violence

Exposure to interpersonal violence is a key issue of study at the Women's Health Sciences Division. Research related to military sexual trauma (MST) includes a recent qualitative investigation aimed at identifying unique factors associated with sexual trauma that occur within a military context; and a newly funded investigation of Veterans' experiences with and preferences for the VHA's universal MST screening program. Intimate partner violence (IPV) among female Veterans is a growing area of focus. Researchers are examining best practices for IPV identification, assessment, treatment, and coordination of care within the VHA context. Focusing on interpersonal trauma more broadly, a recently initiated project will examine VHA primary care providers' experiences with and reactions to providing care to female Veterans with interpersonal trauma histories.

I. Funding for Research Projects and Research Infrastructure

VA Cooperative Studies

Principal Investigators	Title of Project	Years	Total Award
Gelernter & Stein	CSP #575B: Genomics of Posttraumatic Stress Disorder	2013-2016	\$3,166,739
Schnurr, Chard, & Ruzek	rd, & Ruzek CSP #591: Comparative Effectiveness Research in Veterans with PTSD (CERV- PTSD)		\$9,048,760
Vasterling & Concato CSP #566: Neuropsychological and Mental Health Outcomes of Operation Iraqi Freedom (OIF): A Longitudinal Cohort Study		2008-2014	\$8,082,267

Other VA Sources

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Babson	The impact of CBT-I on Cannabis Cessation Outcomes	CSR&D	2014-2019	\$989,691
Bernardy	Strategies to Decrease the Prescribing of Benzodiazepines to Veterans with PTSD and a History of Mild TBI	HSR&D	2013-2014	\$20,000
Bernardy	Strategies to Improve PTSD Care	HSR&D	2014-2015	\$100,000
Bonn-Miller	Safety and Efficacy of Cannabis for the Treatment of Medical and Psychiatric Disorders	HSR&D	2014-2015	\$10,000
Carlson	Assessing Risk of Chronic Posttraumatic Mental Disorder in New Veterans	CSR&D	2010-2014	\$486,355
Calhoun & Ruzek	Practice-Based Implementation Network in Mental Health	VA/DoD Joint Incentive Fund	2013-2015	\$2,499,000
Gelernter	The Genetics of Anxiety Disorders	BLR&D	2013-2017	\$648,960
Gelernter	Genetic Studies of Dual Diagnosis Populations	MIRECC	2013-2017	\$640,000
Hamblen	CBT for PTSD in Veterans with Co-Occurring Substance Use Disorders	CSR&D	2012-2015	\$892,314
Harpaz-Rotem & Otis	Intensive Treatment for Chronic Pain and PTSD for OEF/OIF Veterans	RR&D	2011-2014	\$198,000
Hayes	Neuroimaging Genetics of Mild TBI	RR&D	2014-2016	\$198,000
Heinz	Cognitive Remediation for Alcohol Use Disorder and PTSD	RR&D	2014-2019	\$986,195
lverson	Intimate Partner Violence, Health, and Healthcare Use Among Women Veterans	HSR&D	2011-2016	\$696,032
lverson	Presidential Early Career Award for Scientists and Engineers	HSR&D	2014-2020	\$125,000
Japuntich	Tobacco Treatment as Augmentation to Cognitive Processing Therapy for PTSD (CDA2)	CSR&D	2014-2019	\$957,150
Keane	Boston Area Network of Designated Enrollment Sites (BARN)	ORD, VACO, CSP	2012-2014	\$400,000
Kimerling	The WOMAN Study: Role of Patient Activation and Gender Specific Preferences in Access to and Engagement with Mental Health Services among Women Veterans	HSR&D	2012-2014	\$81,729
Krystal & Abdallah	CAP-Neuroimaging Core	VA/DoD CAP	2013-2018	\$1,676,267*

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Mansfield	Access to PTSD Care Among Veterans With and Without Substance Use Diagnoses	HSR&D	2013-2014	\$100,000
Mansfield	Fee Basis vs. in-VA Mental Health Care for Veterans	HSR&D	2015-2015	\$100,000
Meis, Eftekhari (Site PI), & Rosen (Site Co-PI)	Building a Family Systems Model to Promote Adherence to PTSD Treatment	HSR&D	2012-2014	\$50,000 (NCPTSD)
Miller	The Structure of PTSD Comorbidity	CSR&D	2011-2014	\$600,000
Miller	Analysis of RORA and Other Candidate Genes in PTSD	BLR&D	2013-2015	\$450,000
Norman	Integrated Alcohol Disorder and PTSD Treatment	CSR&D	2012-2017	\$730,922
Norman	Effectiveness of Evidence Based Treatments for Alcohol/ Substance Use Disorders and Co-Occurring PTSD Symptoms and Related Mental Health Problems Among Veterans	HSR&D	2013-2014	\$20,628
Peterson & Keane	Consortium to Alleviate PTSD (CAP)	VA/DoD	2013-2018	\$48,000,000
Rasmusson	Project 2: Cognitive Processing Therapy (CPT) Intervention for Comorbid TBI/PTSD	RR&D	2009-2014	\$450,000
Rasmusson & Pineles	Contingency Management Supported Tobacco Cessation & Predictors of Relapse in Veterans With and Without PTSD	CSR&D	2010-2014	\$788,880
Rosen	Monitoring Evidence-Based PTSD Treatment among Veterans With and Without Substance Use and TBI Diagnoses.	HSR&D	2014-2014	\$20,000
Sayer & Rosen	Promoting Effective, Routine, and Sustained Implementation of Stress Treatments (PERSIST)	HSR&D	2014-2017	\$501,922
Scioli	Neurobiological and Psychological Benefits of Exercise in Chronic Pain and PTSD	RR&D	2013-2018	\$953,342
Shiner	Improving Care for PTSD	HSR&D	2014-2018	\$1,292,466
Sloan	Group CBT for Chronic PTSD: A Randomized Clinical Trial	CSR&D	2012-2017	\$1,187,129
Taft	PTSD, TBI, and Neuropsychological Factors in Partner Violence Among Veterans	CSR&D	2010-2014	\$450,000
Tiet	SUD Treatment for Dually Diagnosed Patients in PTSD Outpatient Programs	HSR&D	2014-2015	\$99,939
Tiet	Drug Screen for Primary Care Patients	HSR&D	2011-2014	\$688,400
Turchik	Gender & Access to VA Mental Health Care: The Example of Military Sexual Trauma	HSR&D	2013-2018	\$999,635
Vogt & Smith	Work and Family Functioning in Women Veterans: Implications for VA Service Use	HSR&D	2014-2017	\$743,433
Wolf	The Genetics of Posttraumatic Psychopathology	CSR&D	2011-2016	\$639,584

BLR&D Biomedical Laboratory Research & Development Service; CAP Consortium to Alleviate PTSD; CSP Cooperative Studies Program; CSR&D Clinical Science Research and Development Service; DoD Department of Defense; HSR&D Health Services Research and Development Service; MIRECC Mental Illness Research, Education and Clinical Center; ORD Office of Research and Development; RR&D Rehabilitation Research and Development Service; VA Department of Veterans Affairs; VACO CA Central Office

* Sub-award within the total \$45million CAP award

Department of Defense (DoD)

Principal Investigators	Title of Project	Years	Total Award
Keane & Marx	Project VALOR: Trajectories of Change in PTSD in Combat-Exposed Veterans	2012-2016	\$3,295,994
Marx	New Approaches to the Measurement of Suicide-related Cognition	2013-2015	\$207,085
McCaslin	Deployment Related Anxiety Reduction Training (DART)	2011-2014	\$75,598
Meis, Eftekhari (site PI), & Rosen (site Co-PI)	VA Implementation of PTSD Treatment through Family Involvement	2014-2015	\$4,000 (NCPTSD)
Morland & Mackintosh	Remote Exercises for Learning Anger and Excitation Management (RELAX)	2013-2015	\$380,218
Morland	Telemental Health and Cognitive Processing Therapy for Female Veterans with Military-related PTSD	2010-2014	\$1,511,274
Morland	Telemental Health and Cognitive Processing Therapy for Rural Combat Veterans with PTSD	2008-2014	\$3,040,715
Morland & Thorp	In-Home Exposure Therapy for Veterans with PTSD	2012-2016	\$2,479,488
Neumeister & Pietrzak	Evaluation of the Safety and Efficacy of the FAAH Inhibitor URB597 in Veterans with PTSD	2014-2017	\$6,611,168
Peterson & Resick	Clinical Effectiveness Trial of In-Home Cognitive Processing Therapy for Combat-Related PTSD	2013-2016	\$2,497,000
Pineles	Event-Related P2 Slope as a Predictor of Response to SSRIs in a Veteran Population	2011-2014	\$70,000
Rasmusson	Proof-of-Concept, Double-Blind, Randomized, Placebo-Controlled Study of Ganaxolone in PTSD	2010-2014	\$478,366
Rasmusson & Familoni	Randomized Controlled Trial: Tailored Evaluation and Treatment for PTSD Progression and Suicide Prevention by Application of Thermal Imaging	2011-2014	\$277,820
Rosen	Homecoming Line: Telephone Support for Veterans	2008-2014	\$2,025,700
Ruzek & Rosen	Randomized, Controlled Trial of CBT Training for PTSD Providers	2012-2015	\$2,877,735
Shipherd	Enhancing Post-Deployment Training: Preventing PTSD by Coping with Intrusive Thoughts	2009-2014	\$1,399,667
Southwick	Mental Health and Resilience	2008-2014	\$352,167
Spira	DANA - Defense Automated NeuroBehavioral Assessment	2012-2014	\$750,000
Spira	PHIT For Duty: Personal Health Information Tool for Assessing Transition from Combat Deployment	2013-2014	\$37,000
Wachen & Resick	Variable Length Cognitive Processing Therapy for Combat-Related PTSD	2013-2016	\$1,218,426
Woodward & Bonn-Miller	Can a Canine Companion Modify Cardiac Autonomic Reactivity and Tone in PTSD?	2014-2017	\$910,335

National Institutes of Health (NIH)

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Abdallah	Examining The Effect Of Ketamine On Glutamate/Glutamine Cycling	NIMH	2013-2018	\$912,630
Amstadter & Gelernter	Stress Induced Drinking in OEF/OIF Veterans: The Role of Combat History and PTSD	NIAA	2010-2015	\$50,000
Cloitre	The Implementation of an Evidence-Based PTSD Treatment in Public Sector Settings	NIMH	2011-2015	\$4,557,445

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Cook	Sustained Use of Evidence Based PTSD treatment in VA residential settings	NIMH	2012-2016	\$1,570,312
de Graaf, Behar, & Sanacora	Ex Vivo Assay for In Situ Brain-Wide Mapping of Glutamate/ GABA Metabolism	NIMH	2011-2015	\$1,250,250
Duman	Antidepressants and Signal Transduction in Brain	NIMH	2011-2015	\$1,000,000
Duman	Role of mTOR and Synaptic Protein Synthesis in the Rapid Antidepressant Actions of NMDA Receptor Blockade	NIMH	2011-2016	\$400,000
Gelernter	Deep Sequencing Studies for Cannabis and Stimulant Dependence	NIDA	2010-2015	\$1,377,825
Gelernter	Genetics of Alcohol Dependence in African Americans	NIAA	2009-2015	\$3,831,857
Gelernter	Genetics of Alcohol Dependence in American Populations	NIAA	2009-2015	\$4,224,009
Gelernter	Genetics of Opioid Dependence	NIDA	2013-2018	\$4,500,000
Gelernter & Malison	Drug Dependence Through the Lifespan U.S. Thai Training Program	NIH & Fogarty	2011-2016	\$1,149,113
Gradus	Constructing a Danish Reaction to Severe Stress Cohort	NIMH	2012-2014	\$275,000
Han & Gelernter	Fine mapping a gene sub-network underlying alcohol dependence	NIAA	2014-2018	\$250,000
Harpaz-Rotem & Pietrzak	Neural Mechanisms of Decision-Making Under Uncertainty in PTSD	NIMH	2014-2016	\$457,875
Hayes	Neuroimaging of Trauma Memory and Cognitive Reappraisal in PTSD	NIMH	2009-2014	\$549,247
Kaufman & Gelernter	Risk & Resilience in Maltreated Children	NIMH	2012-2016	\$726,435
Krystal	Translational Neuroscience Optimization of GlyT1 Inhibitor	NIMH	2013-2015	\$690,324
Levy	Cognitive Bases of Risk-Taking Over the Lifespan: Psychophysics & Brain Imaging	NIMH	2010-2015	\$1,661,141
Miller	Neuroimaging-Genetics of PTSD	NIMH	2014-2016	\$354,893
Mitchell	The Interplay of Genetic and Environmental Factors in the Comorbidity of PTSD and Disordered Eating	NIMH	2012-2016	\$702,584
Neumeister & Pietrzak	An mGlu2/3 Agonist in the Treatment of PTSD	NIMH	2014-2017	\$768,467
Neumeister & Pietrzak	Kappa Opioid Receptor Systems and Depression	NIMH	2014-2019	\$2,123,616
Sanacora	1/3-Efficacy and Tolerability of Riluzole in Treatment- Resistant Depression	NIMH	2010-2015	\$1,287,320
Sanacora	Effects of Stress and Glutamatergic Agents on Glutamate Cycling and Behavior	NIMH	2009-2015	\$1,799,628
Sanacora	New Rapidly Acting Treatments for Treatment Resistant Depression	NIMH	2012-2014	\$279,633
Sloan	Written Exposure Therapy for PTSD: A Randomized Noninferiority Trial	NIMH	2012-2017	\$1,149,000
Spiro & Aldwin	Lifespan Outcomes of Military Service	NIA	2011-2015	\$753,615
Tyrka & Gelernter	Childhood Maltreatment: Risk and Resilience	NIMH	2009-2014	\$69,585
Vasterling & Taft	Family Adaptation to OIF Deployment	NIMH	2012-2016	\$1,000,000

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Wiltsey-Stirman	Influences on the Sustainability of Evidence-based Psychotherapies	NIMH	2009-2014	\$736,891
Wiltsey-Stirman	Leveraging Clinical Materials to Monitor Fidelity to Cognitive Processing Therapy (CPT) for PTSD	NIMH	2013-2015	\$338,508

NCI National Cancer Institute; NCRR National Center for Research Resources; NIA National Institute on Aging; NIAAA National Institute on Alcohol Abuse and Alcoholism; NIDA National Institute on Drug Abuse; NIMH National Institute of Mental Health

Other Sources

Principal Investigators	Title of Project	Funding Source	Years	Total Award
Abdallah	Examining Glutamate/Glutamine Cycling In The Frontal Brain Of Healthy Volunteers During Ketamine Infusion	Brain & Behavior Research Foundation	2013-2015	\$60,000
Abdallah	Glial and Glutamatergic Deficits In Posttraumatic Stress Disorder (PTSD)	Brain & Behavior Research Foundation	2015-2017	\$60,000
Bonn-Miller	A Test of the Efficacy of Compassion Cultivation Training for Veterans with PTSD	Mind and Life 1440 Award	2014-2016	\$14,975
Foynes	Primary Care Providers' Experiences with Female Patients with Interpersonal Trauma Histories	Boston University School of Medicine	2014-2015	\$2,500
Gradus	Posttraumatic Stress Disorder and Suicide Among Massachusetts Veterans	American Foundation for Suicide Prevention	2012-2014	\$83,911
Marx	Healing Heroes: Medical Informatics and Analysis Toolkit (MINAT)	DARPA	2010-2014	\$297,655
McCaslin	Military Acculturation and Transition to the Civilian Setting	NCIRE	2013-2014	\$120,000
Monson & Wiltsey- Stirman	Implementation of Evidence-Based Psychotherapy for PTSD: Does Technology-Enhanced Consultation Improve Treatment Fidelity and Outcomes?	Canadian Institute of Health Research	2012-2014	\$385,207
Monson & Wiltsey- Stirman	Improving and Sustaining Clinician Use of CPT	Canadian Institute of Health Research	2014-2018	\$728,215
Pietrzak	Examining the Utility of Latent Class Analysis in Describing Differential Risk Pathways Linking Childhood Adversity to Negative Adult Outcomes	PreVAiL Research Network	2013-2014	\$15,000
Southwick & Pietrzak	Biomarkers of Psychological Risk and Resilience in World Trade Center Responders	CDC/NIOSH	2012-2016	\$3,873,361
Feder, Southwick, & Pietrzak	Trajectories of Psychological Risk and Resilience in World Trade Center Responders	CDC/NIOSH	2011-2014	\$1,068,526
Stein & Gelernter	Modifiable Risk and Protective Factors for Suicidal Behaviors in the US Army	Henry M. Jackson Foundation for the Advancement of Military Medicine	2014-2015	\$1,000,000
Wolf	The MMPI-2-RF for the Assessment of <i>DSM-5</i> PTSD and its Subtypes	University of Minnesota Press, Test Division	2013-2015	\$54,758

CDC Centers for Disease Control and Prevention; DARPA Defense Advanced Research Projects Agency; NCIRE Northern California Institute for Research and Education; NIOSH National Institute for Occupational Safety and Health

Pending

Principal Investigators	Title of Project	Funding Source	Years	Total Request
Creech & Macdonald	Trajectory of Mental, Physical and Functional Health Outcomes after Recent MST	DoD	2015-2018	\$1,152,903
Gelernter	Genetics of Alcohol Dependence in African Americans	NIAA	2015-2020	\$2,500,000
Gradus	Predicting Suicide Attempts among Veterans Health Administration (VHA) Patients	VA CSR&D	2015-2019	\$927,648
Gutner	Effectiveness of a Unified Transdiagnostic Treatment in Routine Clinical Care	NIMH	2015-2020	\$889,721
Gutner	Efficacy of a Transdiagnostic Treatment for Veterans with Emotional Disorders	VA CSR&D	2015-2020	\$931,585
Hayes	Examining Large-Scale Networks in PTSD using Functional and Structural MRI	NARSAD	2013-2015	\$60,000
Hayes	Neuroimaging Genetics of Mild Traumatic Brain Injury	Boston University Dean's Award	2014-2016	\$20,000
Hayes	Neuroimaging Genetics of Neurodegenerative Disease in Blast-Induced Mild TBI	Dana Foundation	2014-2016	\$200,000
Knight	LED Light Therapy To Improve Cognitive-Psychosocial Function in TBI-PTSD Veterans	VA RR&D	2014-2016	\$199,976
Krystal & Abdallah	CAP-Ketamine for Antidepressant-Resistant PTSD: A Translational Neuroscience, Biomarker-Informed Clinical Trial	VA/DoD CAP	2013-2018	\$4,022,091*
Mackintosh & Morland	Extending Treatment Science for PTSD among Veterans: A PTSD Treatment Repository	VA HSR&D	2015-2018	\$950,000
Meyer & Vogt	Contact-based Intervention to Reduce Stigma and Increase Service Use in Veterans	NIMH	2014-2016	\$275,000
Meyer & Vogt	Test of a Web-based Intervention to Increase Veterans' Mental Health Service Use	VA HSR&D	2014-2017	\$889,912
Mitchell	Cognitive Functioning and Eating Disorders in a Large Cohort of Young Adults	NIMH	2015-2017	\$433,637
Pineles & Nillni	Enhancing Exposure Therapy by Capitalizing on Menstrual Cycle Phase	NIMH	2015-2017	\$366,927
Pineles & Nillni	Enhancing Exposure Therapy to Capitalize on Menstrual Cycle Phase	VA/DoD CAP	2015-2018	\$1,049,951*
Pineles & Nillni	PTSD and the Menstrual Cycle: A Test of the Hormonal- Stress Vulnerability Model	VA CSR&D	2014-2018	\$601,087
Rasmusson & Gregor	Exercise Treatment for Smokers with Chronic Pain and PTSD: An Epigenetic Approach	NIDA	2014-2017	\$450,000
Rasmusson & Liverant	A Clinical Trial of Exemestane (Aromasin) for the Treatment of Irritable Aggression in PTSD	DoD	2015-2018	\$900,000
Rasmusson & Marx	Predicting Selection and Operational Readiness of U.S. Military Special Forces	VA/DoD CAP	2015-2018	\$4,000,000*
Street	Military Sexual Trauma Screening: Examining Patient Satisfaction and Preferences	HSR&D	2015-2016	\$99,990
Taft	Strength at Home Men's Program in Massachusetts	Massachusetts Attorney General's Office	2014-2016	\$1,335,479
Taft	Strength at Home-Couples Program to Prevent Military Partner Violence	CDC	2014-2017	\$1,006,642

Principal Investigators	Title of Project	Funding Source	Years	Total Request
Taft	Pre-Group Motivational Alcohol Intervention for Partner Violent Service Members	NIAA	2014-2019	\$1,231,337
Verfaellie & Hayes	Neuroimaging Genetic Markers of Neurodegenerative Disease Following Mild TBI	VA Chronic Effects of Neurotrauma Consortium	2015-2018	\$400,000
Vogt	The Veterans Metrics Initiative: Linking Program Components to Post-Military Well-Being	VA, DoD, Henry Jackson Foundation	2014-2020	\$538,000 (NCPTSD)
Wiltsey-Stirman & Monson	Improving and Sustaining CPT for PTSD in Mental Health Systems	NIMH	2015-2019	\$3,000,000

CAP Consortium to Alleviate PTSD; CDC Centers for Disease Control and Prevention; CSR&D Clinical Science Research and Development Service; DoD Department of Defense; HSR&D Health Services Research and Development Service; NARSAD National Alliance for Research on Schizophrenia and Depression; NIAAA National Institute on Alcohol Abuse and Alcoholism; NIDA National Institute on Drug Abuse; NIMH National Institute of Mental Health; RR&D Rehabilitation Research and Development Service; VA Department of Veterans Affairs

* Sub-award within the total \$45million CAP award

II. Other Funding

Leads	Program/Project Title	Funding Source	Years	Total Funding
Bernardy	Rural Provider and Health Care Staff Training and Education Initiative	VA Rural Health Training Program Office	2013-2016	\$415,433
Bernardy	Rural Health Telepharmacy Clinical Support Program	VA Rural Health Training Program Office	2014-2016	\$275,000
Eftekhari, Ruzek, & Crowley	Prolonged Exposure National Training Program	VA Mental Health Services	2007-2014	\$1,419,068
Prins, Bramlett, & Vinatieri	Veterans Integration To Academic Leadership (VITAL) program at San Jose State University	VA Mental Health Services	2012-2015	\$420,000
Slone	From the War Zone to the Home Front Educational Series 2014	Jack and Dorothy Byrne Foundation	2014-2014	\$45,000
Spira	Home-based Telemental Health for Rural Veterans with PTSD	VA ORH	2012-2015	\$970,000
Street	Advanced Women's Health Fellowship	VA OAA	2014-2015	\$180,000
Watson	Stress First Aid Training for Law Enforcement Personnel	Oregon State Department of Public Safety	2013-2014	\$45,600
Whealin	Solutions to Barriers to Care: Culturally-Adapted VTel Therapy for Couples in Rural Locations Extension	VA ORH	2012-2015	\$485,616

DoD Department of Defense; OAA Office of Academic Affiliations; ORH Office of Rural Health

APPENDIX C. FISCAL YEAR 2014 PUBLICATIONS

- Abdallah, C., Niciu, M. J., Fenton, L. R., Fasula, M. K., Jiang, L., Black, A., Rothman, D. L., Mason, G. F., & Sanacora, G. (2014). Decreased occipital cortical glutamate levels in response to successful cognitive-behavioral therapy and pharmacotherapy for major depressive disorder. *Psychotherapy and Psychosomatics*, 83, 298-307. doi:10.1159/000361078
- 2. Amara, J., **Iverson, K. M.**, Krengel, M., Pogoda, T. K., & Hendricks, A. (2014). Anticipating the traumatic brain injury-related health care needs of women veterans after the Department of Defense change in combat assignment policy. *Women's Health Issues, 24*, e171-e176. doi:10.1016/j. whi.2013.12.004
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- Babson, K. A., & Bonn-Miller, M. O. (2014). Sleep disturbances: Implications for cannabis use, cannabis use cessation, and cannabis use treatment. *Current Addiction Reports*, 1, 109-114. doi:10.1007/s40429-014-0016-9
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- Bell, M. E., Street, A. E., & Stafford, J. (2014). Victims' psychosocial well-being after reporting sexual harassment in the military. *Journal of Trauma & Dissociation*, *15*, 133-152. doi:1 0.1080/15299732.2014.867563
- 9. Bell, M. E., Turchik, J. A., & Karpenko, J. A. (2014). The impact of gender on reactions to military sexual assault and harassment. *Health and Social Work, 39*, 25-33. doi:10.1093/ hsw/hlu004

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- 82. **Mansfield, A. J.**, Schaper, K. M., Yanagida, A. M., & **Rosen, C.** One day at a time: The experiences of partners of veterans with PTSD. *Professional Psychology: Research and Practice*.
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- 87. **McCaslin, S. E., Turchik, J. A.**, & Hatzfeld, J. Considerations in treating veterans with PTSD. In U. Schynder, & **M. Cloitre** (Eds.), *Evidence based treatments for trauma-related psychological disorders: A practical guide for clinicians*. New York, NY: Springer.
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- 96. Montgomerie, J. Z., **Lawrence, A.**, **LaMotte, A.**, & **Taft, C.** The link between posttraumatic stress disorder and firearm violence: A review. *Aggression and Violent Behavior*.
- 97. **Morland, L. A.**, Raab, M., **Mackintosh, M. A.**, **Rosen, C.**, Dismuke, C. E., Greene, C. J., & Frueh, B. C. Telemedicine: A cost-reducing means of delivering psychotherapy to rural combat veterans with PTSD. *Telemedicine Journal and e-Health*. doi:10.1089/tmj.2012.0298
- 98. **Mott, J.**, Galovski, T. E., Elwood, L. S., & Walsh, C. Changes in trauma narratives and perceived recall ability over a course of cognitive processing therapy for PTSD. *Traumatology*.
- 99. **Mott, J.**, Grubbs, K., Sansgiry, S., Fortney, J., & Cully, J. National trends in psychotherapy utilization among rural and urban veterans from 2007 to 2010. *Journal of Rural Health*.
- 100. **Mott, J.**, Koucky, E. M., & Teng, E. The impact of patient preference on mental health treatment: A methodological critique and suggestions for future research. *European Journal for Person Centered Healthcare*.
- 101. Mulligan, E. A., Wachen, J. S., Naik, A., Gosian, J., & Moye, J. Cancer as a Criterion A traumatic stressor for veterans: Prevalence and correlates. *Psychological Trauma: Theory, Research, Practice, and Policy.* doi:10.1037/a0033721
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- 103. Nievergelt, C., Maihofer, A. X., Mustapic, M., Yurgil, K., Schork, N. J., Miller, M. W., Logue, M. W., Geyer, M. A., Risbrough, V. B., O'Connor, D. T., & Baker, D. G. Genomic predictors of combat stress vulnerability and resilience in U.S. Marines: A genomewide association study across multiple ancestries implicates PRTFDC1 as a potential PTSD gene. *Psychoneuroendocrinology*.

- 104. Nillni, Y. I., Gradus, J., Gutner, C., Luciano, M. T., Shipherd, J., & Street, A. E. Deployment stressors and physical health among OEF/OIF veterans: The role of PTSD. *Health Psychology*. doi:10.1037/hea0000084
- 105. **Norman, S. B.**, & Larson, G. E. Predictors of continued problem drinking and substance use following military discharge. *Journal of Studies on Alcohol and Drugs*.
- 106. **Norman, S. B.**, Schmied, E., & Larson, G. E. Physical aggression among post-9/11 veterans. *Military Behavioral Health*.
- 107. Ota, K. T., Andres, W., Lewis, D. A., Stockmeier, C. A., & Duman, R. BICC1 expression is elevated in depressed subjects and contributes to depressive behavior in rodents. *Neurospychopharmacology*. doi:10.1038/npp.2014.227
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- 109. Pedersen, E. R., Myers, U. S., Browne, K. C., & **Norman, S. B.** The role of alcohol expectancies in drinking behavior among women with alcohol use disorder and comorbid posttraumatic stress disorder. *Journal of Psychoactive Drugs*.
- 110. **Petrakis, I.**, Sofuoglu, M., & Rosenheck, R. VA patients with high numbers of opioid prescriptions: A national study of sociodemographic and diagnostic characteristics, health service and psychotropic medication use. *Addictive Disorders & Their Treatment*. doi:10.1097/ADT.00000000000058
- 111. **Pietrzak, R. H., Averill, L., Abdallah, C., Neumeister, A., Krystal, J., Levy, I., & Harpaz-Rotem, I.** Amygdalahippocampal volume and the phenotypic heterogeneity of posttraumatic stress disorder: A cross-sectional study. *JAMA Psychiatry*.
- 112. Pietrzak, R. H., Huang, Y., Corsi-Travali, S., Zheng, M., Lin, S., Henry, S., Potenza, M. N., Piomelli, D., Carson, R. P., & Neumeister, A. Cannabinoid type 1 receptor availability in the amygdala mediates threat processing in trauma survivors. *Neuropsychopharmacology*.
- 113. **Pietrzak, R. H.**, Naganawa, M., Huang, Y., Corsi-Travali, S., Zheng, M., Stein, M. B., Henry, S., Lim, K., Ropchan, J., Lin, S., Carson, R. P., & **Neumeister, A.** Association of in vivo kappa-opioid receptor availability and the transdiagnostic dimensional expression of trauma-related psychopathology. *JAMA Psychiatry*.
- 114. Pinna, G., & **Rasmusson, A. M.** Ganaxolone improves behavioral deficits in a mouse model of posttraumatic stress disorder. *Frontiers in Neuroscience*.
- 115. Pogoda, T. K., Stolzmann, K. L., **Iverson, K. M.**, Baker, E., Krengel, M., Lew, H. L., Amara, J. H., & Meterko, M. Associations between traumatic brain injury, suspected psychiatric conditions, and unemployment in returning veterans. *Journal* of *Head Trauma Rehabilitation*.

- 116. Pruiksma, K. E., Wachen, J. S., & Resick, P. Psychotherapy Interventions. In E. Vermetten, T. Neylan, S. R. Pandi-Perumal, & M. Kramer (Eds.), *Sleep and combat-related post-traumatic stress disorders*. New York, NY: Humana Press.
- 117. Reddy, S., Gerber, M. R., Dick, A. M., & **Mitchell, K.** The effect of a yoga intervention on alcohol and drug abuse risk in veteran and civilian women with posttraumatic stress disorder. *Journal of Alternative and Complementary Medicine*.
- 118. Reynolds, K., **Pietrzak, R. H.**, El-Gabalawy, R., MacKenzie, C. S., & Sareen, J. Prevalence of psychiatric disorders in U.S. older adults: Findings from a nationally representative survey. *World Psychiatry*.
- Rojas, S., Bujarski, S., Babson, K. A., Dutton, C., & Feldner, M. T. Understanding PTSD comorbidity and suicidal behavior: Associations among histories of alcohol dependence, major depressive disorder, and suicidal ideation and attempts. *Journal of Anxiety Disorders*.
- 120. Ross, R. J., & **Cook, J.** Combat-related PTSD nightmares and imagery rescripting: Characteristics and relation to treatment outcome. *Journal of Traumatic Stress*.
- 121. Roy, S. S., Foraker, R. E., Girton, R. A., & **Mansfield, A. J.** Posttraumatic stress disorder and incident heart failure among a community-based sample of U.S. veterans. *American Journal* of *Public Health*.
- 122. **Ruzek, J.**, Eftekhari, A., Rosen, C. S., Crowley, J. J., Kuhn, E., & Karlin, B. E. Factors related to clinician attitudes toward Prolonged Exposure therapy for PTSD. *Journal of Traumatic Stress*.
- 123. Samimi Sadeh, N., Spielberg, J. M., Warren, S. L., Miller, G. A., & Heller, W. Aberrant neural connectivity during emotional processing associated with posttraumatic stress. *Clinical Psychological Science*. doi:10.1177/2167702614530113
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- 126. **Schnurr, P. P.** Understanding pathways from traumatic exposure to physical health. In U. Schnyder, & **M. Cloitre** (Eds.), *Evidence based treatments for trauma-related psychological disorders A practical guide for clinicians.* Stuttgart, Germany: Springer.
- 127. Schnyder, U., & **Cloitre, M.** (Eds.). *Evidence based treatments* for trauma-related psychological disorders: A practical guide for clinicians. Stuttgart, Germany: Springer.

- 128. Scioli-Salter, E. R., Forman, D. E., Otis, J. D., Gregor, K., Valovski, I., & Rasmusson, A. M. The shared neuroanatomy and neurobiology of comorbid chronic pain and PTSD: Therapeutic implications. *The Clinical Journal of Pain*. doi:10.1097/ AJP.00000000000115
- 129. Scott, J. C., Matt, G. E., **Wrocklage, K.**, Crnich, C., Jordan, J., **Southwick, S.**, **Krystal, J.**, & Schweinsburg, B. C. A quantitative meta-analysis of neurocognitive functioning in posttraumatic stress disorder. *Psychological Bulletin*.
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- 131. Sherman, M., Kauth, M., Ridener, L., Shipherd, J., Bratkovich, K., & Beaulieu, G. An empirical investigation of challenges and recommendations for welcoming sexual and gender minority veterans into VA care. *Professional Psychology: Research and Practice*. doi:10.1037/a0034826
- 132. Sherman, M., Kauth, M., **Shipherd, J.**, & Street, R. Provider beliefs and practices about assessing sexual orientation in two VHA hospitals. *LGBT Health*. doi:10.1089/lgbt.2014.0008
- 133. **Shipherd, J.**, & **Fordiani, J.** The application of mindfulness in coping with intrusive thoughts cognitive and behavioral practice. *Cognitive and Behavioral Practice*.
- 134. **Sloan, D.** Introduction to the special series: Using experimental psychopathology studies to advance treatment research. *Behavior Therapy*.
- 135. Sloan, D. M., Vogt, D., Wisco, B. E., & Keane, T. M. Postdoctoral training in posttraumatic stress disorder research. *Psychological Trauma: Trauma, Theory, Research, Practice, and Policy.* doi:10.1037/tra0000007
- 136. Southwick, S., & Watson, P. The emerging scientific and clinical literature on resilience and Psychological First Aid. In N. C. Bernardy, & M. J. Friedman (Eds.). A practical guide to PTSD treatment: Pharmacological and psychotherapeutic approaches. Washington, DC: American Psychological Association.
- 137. Spira, J. L., Lathan, C., Bleiberg, J., & Tsao, J. The impact of multiple concussions on emotional distress, postconcussive symptoms, and neurocognitive functioning, in active duty U.S. Marines independent of combat exposure or emotional distress. *Journal of Neurotrauma*.
- 138. Stein, D. J., Craske, M. A., **Friedman, M. J.**, & Phillips, K. A. Anxiety and related disorders in *DSM-5*: Anxiety, obsessivecompulsive and related, and trauma and stressor-related disorders. *Depression & Anxiety*.
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- 140. Sumner, J. A., Pietrzak, R. H., Aiello, A. E., Uddin, M., Wildman, D. E., Galea, S., & Koenen, K. C. Further support for an association between the memory-related gene WWC1 and posttraumatic stress disorder: Results from the Detroit Neighborhood Health Study. *Biological Psychiatry*.
- 141. **Suvak, M., Taft, C.**, Goodman, L. A., & Dutton, M. A. Dimensions of functional social support and depressive symptoms: A longitudinal investigation of women seeking help for intimate partner violence. *Journal of Consulting and Clinical Psychology*. doi:10.1037/a0031787
- 142. **Taft, C., LaMotte, A.**, & Gilbert, K. S. Intimate partner violence: Evaluation of victims and perpetrators. In P. M. Kleepsies (Ed.), *The Oxford handbook of behavioral emergencies and crises*. Oxford, United KingdonK: Oxford University Press.
- 143. Tsai, J., El-Gabalawy, R., Sledge, W. H., Southwick, S., & Pietrzak, R. H. Posttraumatic growth among veterans in the USA: Results from the National Health and Resilience in Veterans Study. *Psychological Medicine*.
- 144. Tsai, J., Harpaz-Rotem, I., Armour, C., Southwick, S., Krystal, J., & Pietrzak, R. H. Dimensional structure of DSM-5 posttraumatic stress symptoms: Results from the National Health and Resilience in Veterans Study. Journal of Clinical Psychiatry.
- 145. **Turchik, J. A.**, & Hassija, C. Female sexual victimization among college students: Assault severity, health risk behaviors, and sexual functioning. *Journal of Interpersonal Violence*.
- 146. **Turchik, J. A.**, Hebenstreit, C. L., & Judson, S. S. An examination of the gender inclusiveness of current theories of sexual violence in adulthood: Recognizing male victims, female perpetrators, and same sex violence. *Trauma, Violence*, & Abuse.
- 147. **Turchik, J. A.**, Walsh, K., & Marcus, D. Confirmatory validation of the factor structure and reliability of the Sexual Risk Survey in a large multi-university sample of U.S. students. *International Journal of Sexual Health*.
- Vandrey, R., Babson, K. A., Herrmann, E. S., & Bonn-Miller, M.
 O. Interactions between disordered sleep, posttraumatic stress disorder, and substance use disorders. *International Review of Psychiatry*.
- 149. Vogt, D., Di Leone, B., Wang, J., Sayers, S., Pineles, S. L., & Litz, B. T. Endorsed and Anticipated Stigma Inventory (EASI): A tool for assessing beliefs about mental illness and mental health treatment among military personnel and veterans. *Psychological Services*.
- 150. **Vogt, D.**, Fox-Galalis, A., & **Di Leone, B.** Mental health beliefs and their relationship with treatment seeking among OEF/OIF veterans. *Journal of Traumatic Stress.*

- 151. **Vogt, D., Macdonald, A.**, & Blount, T. Family-related risk and resilience factors during deployment and their role in the postdeployment mental health of OEF/OIF veterans. In S. MacDermid Wadsworth (Ed.), *Risk and resilience in U.S. military families*. New York, NY: Springer.
- 152. **Wachen, J. S., Jimenez, S.**, Smith, K., & **Resick, P. A.** Long-term functional outcomes of women receiving cognitive processing therapy and prolonged exposure. *Psychological Trauma: Theory, Research, Practice, and Policy*. doi:10.1037/a0035741
- 153. Wang, J. M., Lee, L. O., & **Spiro, A.** Gender differences in the impact of warfare exposure on self-rated health. *Journal of Women's Health Issue*.
- 154. **Watson, P.** How different is Psychological First Aid from other psychotherapeutic modalities? In G. Quitangon, & M. Evces (Eds.), *Vicarious trauma and disaster mental health*. New York, NY: Taylor Francis/Routledge.
- 155. Watts, B. V., **Schnurr, P. P.**, Zayed, M., Young-Xu, Y., Stender, P., & Llewellyn-Thomas, H. A randomized controlled clinical trial of a patient decision aid for posttraumatic stress disorder. *Psychiatric Services*.
- 156. Weathers, F. W., **Marx, B., Friedman, M. J.**, & **Schnurr, P. P.** Posttraumatic stress disorder in *DSM-5*: New criteria, new measures, and implications for assessment. *Psychological Injury and the Law*.
- 157. Weaver, T. L., & **Resick**, **P. A.** Injury dimensions in female victims of intimate partner violence: Expanding the examination of associations with symptoms of posttraumatic stress disorder. *Psychological Trauma: Theory, Research, Practice, and Policy*.
- 158. Whealin, J., Kuhn, E., & Pietrzak, R. H. Applying behavior change theory to technology promoting veteran mental health care seeking. *Psychological Services*.
- 159. **Wiltsey-Stirman, S.**, Shields, N., Deloriea, J., Landy, M. S. H., Belus, J., Maslej, M., & Monson, C. A randomized controlled dismantling trial of post-workshop consultation strategies to increase effectiveness and fidelity to an evidencebased psychotherapy for posttraumatic stress disorder. *Implementation Science*.
- 160. **Wisco, B., Marx, B.**, & **Keane, T.** Trauma and posttraumatic stress disorder. In B. Moore, & J. Barnett (Eds.), *Trauma and posttraumatic stress disorder*. Military Psychologists' Desk Reference New York, NY: Oxford University Press.
- 161. Wisco, B., Marx, B., Wolf, E. J., Miller, M. W., Southwick, S., & Pietrzak, R. H. Posttraumatic stress disorder in the U.S. veteran population: Results from the National Health and Resilience in Veterans Study. *Journal of Clinical Psychiatry*.
- 162. **Wolf, E. J.**, & **Miller, M. W.** The Minnesota Multiphasic Personality Inventory-2 Restructured Form and posttraumatic stress disorder: Forensic applications and considerations. *Psychological Injury and Law*.

Appendix D. Fiscal Year 2014 In Press and Advance Online Publications

- 163. Wolf, E. J., Miller, M. W., Kilpatrick, D., Resnick, H., Marx, B., Keane, T., Rosen, R. C., & Friedman, M. J. ICD-11 complex PTSD in US National and veteran samples: Prevalence and structural associations with PTSD. *Clinical Psychological Science*. doi:10.1177/2167702614545480
- Wolf, E. J., Mitchell, K., Logue, M. W., Baldwin, C. T., Reardon, A., Aiello, A., Galea, S., Koenen, K. C., Uddin, M., Wildman, D., & Miller, M. W. The dopamine D3 receptor gene and posttraumatic stress disorder. *Journal of Traumatic Stress*.
- 165. Wolf, G. K., Kretzmer, T., Crawford, E., Thors, C., Strom, T., Eftekhari, A., Klenk, M., Hayward, L., & Vanderploeg, R. D. Prolonged exposure therapy with veterans diagnosed with PTSD and traumatic brain injury. *Journal of Traumatic Stress*.
- Woodward, S. H., Michell, G., & Santerre, C. The psychophysiology of PTSD nightmares. In E. Vermetten, T. C. Neylan, M. Kramer, & S. R. Pandi-Perumal (Eds.), *Sleep and combat-related posttraumatic stress disorder*. Cambridge, United Kingdom: Cambridge University Press.
- 167. Xie, P., Kranzler, H. R., Krystal, J., Farrer, L. A., Zhao, H., & Gelernter, J. Deep resequencing of 17 glutamate system genes identifies rare variants in DISC1 and GRIN2B affecting risk of opioid dependence. *Addiction Biology*. doi:10.1111/ adb.12072
- 168. Yoneda, A., **Whealin, J.**, & Tsai, J. PTSD in Asian American and Pacific Islander Veterans: Prevalence, context, and implications for practice. In C. Martin, V. R. Preedy, & V. B. Patel (Eds.), *The comprehensive guide to post-traumatic stress disorders*. New York, NY: Springer.

APPENDIX E. FISCAL YEAR 2014 SCIENTIFIC PRESENTATIONS

ACADEMYHEALTH ANNUAL RESEARCH MEETING - SAN DIEGO, CA, JUNE 2014

- Fortney, J., Pyne, J., Kimbrell, T., Hudson, T., Otero, J., Robinson, D., Schneider, R., Moore, W., Custer, P., Grubbs, K., & Schnurr, P. P. Pragmatic randomized trial of telemedicine-based collaborative care for posttraumatic stress disorder.
- 2. **Iverson, K. M.**, & Dichter, M. D. VA patient and provider perspectives on IPV screening and counseling procedures in VA.
- 3. **Iverson, K. M.**, & Pogoda, T. K. Intimate partner violence-related traumatic brain injury in a sample of female veterans.
- 4. **Kimerling, R.** Intimate partner violence and military sexual trauma: Access and quality of mental health care among women in VHA.
- 5. Pogoda, T. K., Stolzmann, K. L., **Iverson, K. M.**, Baker, E., Krengel, M., Lew, H. L., & Meterko, M. Associations between traumatic brain injury, suspected psychiatric conditions, and unemployment in returning veterans.

AMERICAN PSYCHOLOGICAL ASSOCIATION - WASHINGTON, DC, AUGUST 2014

- 6. DuBois, R., McBain, S., Garneau-Fournier, J., & **Turchik, J. A.** Gender-targeted military sexual trauma healthcare information: An analysis among male veterans.
- 7. Garneau-Fournier, J., Dubois, R., McBain, S., & **Turchik, J. A.** *Predictors of sexual dysfunction in female college students*.
- McBain, S., DuBois, R., Garneau-Fournier, J., & Turchik, J.
 A. Veterans' perceptions of how the VA can increase access to military sexual trauma related care.
- Scott, J. C., Wrocklage, K., Trejo, M., Weisser, V., Southwick, S., Krystal, J., & Schweinsburg, B. C. Neuropsychological functioning in veterans with posttraumatic stress disorder.

ANXIETY AND DEPRESSION ASSOCIATION OF AMERICA – CHICAGO, IL, MARCH 2014

- 10. **Abdallah, C.** *Hippocampal volume tracks hippocampal NAA in response to a glutamate-modulating agent in GAD.*
- 11. Black, S. K., McGowan, S. K., Liverant, G. I., Kamholz, B. W., & **Sloan, D.** Fear of depressed mood in clinical depression: Associations with symptom severity and use of emotion regulation strategies.
- 12. **Engel-Rebitzer, E., Marx, B.,** Szafranski, D., **Gallagher, M.**, **Holowka, D., Rosen, C.**, & **Keane, T.** *Disparities in PTSD service connection in the Veterans Affairs Healthcare System*.
- 13. **Gutner, C., Gallagher, M.**, Baker, A. S., **Sloan, D.**, & **Resick, P.** Why did you leave? Patterns of treatment dropout in cognitive behavioral therapies for posttraumatic stress disorder.
- 14. **Keane, T.** How can mobile-connected technologies expand treatment opportunities for anxiety disorders?
- 15. **Keane, T.**, & Brief, D. J. Effective treatments for PTSD and comorbid conditions: Predictors of treatment response.
- Ledoux, A., Green, J., Harte, C., Marx, B., Rosen, R., & Keane, T. Posttraumatic stress symptom severity as a predictor of sexual function in OIF/OEF veterans.
- 17. **Mott, J.**, Barrera, T., & Teng, E. *A meta-analytic review of group cognitive behavioral therapy for PTSD: Evidence for unique treatment effects among veterans versus non-veterans.*

- 18. Roy, M., Rubin, A., Solhan, M., Helmuth, E., Brief, D. J., Enggasser, J., Rosenbloom, D., & **Keane, T.** Using VetChange with veterans from multicultural backgrounds.
- 19. **Sadeh, N.**, Spielberg, J. M., Warren, S. L., Miller, G. A., & Heller, W. Aberrant neural connectivity during emotional processing associated with posttraumatic stress.
- 20. Schnurr, P. P., Lunney, C., Foa, E. B., Powers, M., Gillihan, S., & Chow, B. K. Predictors of treatment outcome in trauma-focused and present-centered treatment for PTSD.
- 21. Vorstenbosch, V., Fredman, S. J., **Macdonald, A.**, Pukay-Martin, N. D., & Monson, C. M. *Effects of cognitive-behavioral conjoint therapy for posttraumatic stress disorder clusters and potential moderators of treatment outcome.*
- 22. Wiltsey-Stirman, S., Daniel, R., Gamarra, J., Goldstein, L., Lazarus, S., Stigen, C., & Schnurr, P. P. Fidelity and symptom change in Prolonged Exposure for PTSD.
- 23. **Wiltsey-Stirman, S.**, Pontoski, K., Xhezo, R., Arthur, C., Aaron, T., & Creed, T. *A Comparison of consultation methods for cognitive therapy training in community settings*.
- 24. **Wisco, B.**, Baker, A. S., & **Sloan, D.** Does emotional reactivity to exposure treatment mediate PTSD treatment outcome?
- 25. **Wisco, B., Marx, B.**, & **Pietrzak, R. H.** Prevalence and correlates of PTSD in a nationally representative sample of US veterans.

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- Boswell, J. F., Sauer-Zavala, S. E., Farchione, T. J., Gallagher, M., & Barlow, D. H. The unified protocol for transdiagnostic treatment of emotional disorders.
- 29. **Bovin, M., Wolf, E. J.**, & **Resick, P.** Change in PTSD is associated with change in personality disorder features.
- 30. **Bovin, M., Wolf, E. J.**, & **Resick, P.** The effect of trauma-focused therapy on personality disorder features in rape survivors with posttraumatic stress disorder.
- 31. Brady, R. E., Constans, J., **Marx, B., Spira, J. L.**, Gevirtz, R., Kimbrell, T., Kramer, T. L., & Pyne, J. *Effect of symptom overreporting on heart rate variability in veterans with PTSD.*
- 32. Carl, J. R., **Gallagher, M.**, Zavala, S. E., Bentley, K. H., & Barlow, D. H. A preliminary investigation of the effects of the unified protocol on temperament.
- 33. Carpenter, D. K., Yeh, R., McLean, C., **Resick, P.**, & Foa, E. B. *Peritraumatic and posttraumatic emotions among active duty military personnel.*
- Chen, M. S., Han, S., Wisco, B., Marx, B., Holowka, D., Gradus, J., Nock, M. K., Vasterling, J., Rosen, R. C., & Keane, T. Psychosocial correlates of suicidal behavior in male and female Iraq and Afghanistan veterans.
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- 37. Fissette, C. L., Balderrama-Durbin, C., Snyder, D. K., Balsis, S., Monson, C., **Pless Kaiser, A.**, & **Taft, C.** *The utility of assessing sleep difficulties from informant reports of posttraumatic stress disorder: An application of item response theory.*
- 38. Fox, P. T., Ai-Ling, L., Ramage, A. E., **Resick, P.**, Mintz, J., & Peterson, A. L. *Resting-state measurements of cerebral glucose metabolism & cerebral blood flow in PTSD*.
- 39. **Gallagher, M.**, Boswell, J. F., & Barlow, D. H. *Idiographic* approaches to identifying and testing mechanisms of change.
- 40. **Gamarra, J., Wiltsey-Stirman, S.**, & **Vogt, D.** Who seeks treatment? A comparison of mental health beliefs and treatment-seeking among Hispanic Whites and non-Hispanic Whites.

- 41. Gilbert, K. S., Hayes, M., **Gallagher, M.**, DeCandia, C., Beach, C., Creech, S. K., Massa, A. A., Monson, C. M., & **Taft, C.** *Targeting relational aggression in veterans: The Strength at Home friends and family intervention.*
- 42. **Gutner, C., Nillni, Y. I., Suvak, M., Wiltsey-Stirman, S.**, & **Resick, P.** *Does anxiety sensitivity change the course of PTSD treatment?*
- 43. **Gutner, C., Resick, P., Steenkamp, M., Suvak, M., Gradus,** J., & Monson, C. *Natural recovery in the aftermath of trauma: Impact of gender and trauma type on depression and PTSD.*
- 44. **Heinz, A. J.**, Peters, E. N., **Boden, M. T.**, & **Bonn-Miller, M.** Delay discounting as a predictor of cannabis use outcomes following a self-guided cessation attempt: A comprehensive examination among a clinical sample.
- 45. **Heinz, A. J.**, Waldrop, A., Kalapatapu, R., Lasher, B., Roth, J., & Batki, S. L. *The influence of executive functioning on the relation between alcohol use and PTSD symptom severity across treatment among military veterans.*
- 46. **Keane, T.**, Cody M., & Beck J. G. Understanding the relationship between PTSD and health outcomes.
- 47. **Kuhn, E., Hoffman, J.**, Miner, A., Taylor, C. B., Thorp, S. R., Stepnowsky, C. J., **Ramsey, K. M.**, & **Ruzek, J.** *PTSD Coach: A mobile app for self-management of posttraumatic stress symptoms*.
- 48. **Kulish, A., Holowka, D., Marx, B.**, Fang, S., Rosen, R., & **Keane, T.** The influence of race/ethnicity and gender on psychosocial functioning in combat-exposed veterans post-OEF/OIF deployment.
- 49. **LaMotte, A., Taft, C., Weatherill, R., Scott, J. C.**, & Eckhardt, C. I. Concordance in intimate partner aggression reports among returning veterans and their partners.
- 50. **LaMotte, A., Taft, C., Weatherill, R.**, Scott, J. P., Eckhardt, C. I., **Reardon, A.**, & **Miller, M. W.** *Investigating intimate partner violence assessment among veterans and their partners*.
- Landes, S. J., Ruzek, J., Wang, D., Carlson, E. B., & Lindley, S.
 E. Improving the quality of PTSD care with integrated informatics for monitoring treatment outcomes.
- 52. Lang, A. J., **Schnurr, P. P.**, Batten, S. J., Raman, R., Jain, S., **Walser, R.**, & Chard, K. *A randomized trial of Acceptance and Commitment Therapy for distress and impairment in OEF/OIF/ OND veterans.*
- 53. Lavoie, C., Miner, A., Taylor, K., **Hoffman, J., Kuhn, E.**, Taylor, C. B., **Ramsey, K. M.**, & **Ruzek, J.** *Design strategies and challenges: Creating novel mobile device applications to support and enhance evidence-based treatments for mental health.*

- 54. Lehavot, K., Der-Martirosian, C., Simpson, T. L., **Shipherd, J.**, & Washington, D. *PTSD and military social support predict physical health and VHA utilization in women veterans*.
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- 57. Muralidharan, A., & **Vogt, D.** Impact of racial/ethnic minority status on deployment-related experiences and PTSD in a national sample of female and male veterans.
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- 59. Peterson, A. L., McLean, C., Tuerk, P., Rauch, S., **Resick, P.**, & Foa, E. B. *Trauma history and PTSD severity across trauma populations*.
- 60. Pruiksma, K. E., Taylor, D. J., **Resick, P., Wachen, J. S.**, Mintz, J., & Young-McCaughan, S. *Do sleep disturbances remain after PTSD treatments*?
- 61. Ramage, A. E., **Resick, P.**, Mintz, J., Peterson, A. L., & Fox, P. T. *Treatment effects on brain activity during emotional processing.*
- 62. **Resick, P.** Beyond PTSD: Testing the breadth of trauma-focused therapy.
- 63. **Resick, P.** *Biological factors associated with response to PTSD treatment.*

- 64. **Resick, P.** Early life trauma and major depressive disorder: Effects on biological, neurological, and affective processes.
- 65. **Resick, P.** The many faces of PTSD: A comparison of active duty military personnel, veteran, and civilian PTSD suffers.
- Shnaider, P., Pukay-Martin, N. D., Fredman, S. J., Macdonald,
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- 67. Taylor, D. J., Pruiksma, K. E., **Resick, P., Wachen, J. S.**, Mintz, J., & Young-McCaughan, S. *Do baseline sleep disturbances predict response to PTSD treatments?*
- 68. Tuerk, P., Peterson, A. L., Rauch, S., McLean, C., Kumpula, M., **Resick, P.**, & Foa, E. B. *Psychological and physical health* comorbidities in PTSD across trauma populations.
- 69. Valentine, G. W., O'Cleirigh, C., Pantalone, D., Kaysen, D., Suvak, M., & Shipherd, J. Sexual trauma and sexual risk: Approaches to understanding and treating sexual risk behavior among sexual violence survivors.
- 70. Williamson, D. E., Young, K., Williams, C., **Resick, P.**, Foa, E. B., Peterson, A. L., & Borah, A. *Epigenetic correlates of PTSD and predictors of treatment response: Preliminary findings from the STRONG STAR research consortium*.
- 71. **Wiltsey-Stirman, S.** *Training clinicians in public sector mental health settings.*
- 72. **Wiltsey-Stirman, S.** Use of learning communities for training in Cognitive Processing Therapy.
- 73. **Wisco, B., Gradus, J., Suvak, M., Marx, B.**, & **Resick, P.** *Treatment of posttraumatic stress disorder reduces suicidal ideation.*

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- 74. Baker, A., Litwack, S., **Sloan, D.**, & Beck, J. G. *Driving behavior: Improvements in functional impairment due to trauma-focused treatment.*
- 75. Belsher, B., Fast, E., France, J., **Kuhn, E.**, **Prins, A.**, & Cueva, R. Feasibility of an internet-based, brief telephone monitoring intervention for OEF/OIF veterans experiencing posttraumatic stress symptoms.
- 76. Borah, E. V., **Resick, P.**, Mintz, J., Litz, B., Borah, A., Young-McCaughen, S., & Peterson, A. *The role of trait resilience and unit cohesion in PTSD treatment outcomes among active duty soldiers*.
- 77. **Carlson, E. B.**, Palmieri, P., Eisen, S., & **Vogt, D.** Using risk factors to predict chronic mental health problems in veterans seeking primary care.
- 78. **Carlson, E. B.**, **Ruzek, J.**, & Spain, D. Development and initial validation of a risk factor screen for PTSD and depression.

- 79. Chard, K. M., **Healy, E.**, Cogan, C. M., **Resick, P.**, & Hansel, J. E. *Dissemination of CPT in the VA: Where are we now?*
- Clark, J., Gorman, K., Rodriguez, P., Chen, M. S., & Marx, B. Quality of life indicators and their association with suicidal ideation among veterans.
- 81. Cogan, C. M., **Healy, E.**, Chard, K. M., Ashton, S. A., & Hansel, J. E. Evaluating the Cognitive Processing Therapy implementation program in the VA Healthcare System.
- 82. Dodson, T., Bovin, M., Marx, B., Joos, C. M., Gregor, K. L., & Pineles, S. L. Self-blame as a mediator of tonic immobility and posttraumatic stress symptom severity.
- 83. Eisen, S., Schultz, M., **Spiro, A.**, Smith, E., Osei-Bonsu, P., & Jette, A. Development and validation of a computer-adapted test to facilitate routine assessment of PTSD treatment outcomes.

- 84. **Gradus, J.**, Bozi, I., Svensson, E., Lash, T. L., **Resick, P.**, & Hansen, J. G. Severe stress and adjustment disorder diagnoses in the population of Denmark.
- 85. Grubbs, K., Fortney, J., Lunsford, A., Kimbrell, T., Pyne, J., Hudson, T., Robinson, D., Otero, J., Moore, W. M., Custer, P., Schneider, R., & **Schnurr, P. P.** *Influence of collaborative care on psychotherapy service utilization in VA community-based outpatient clinics (CBOCs).*
- 86. **Gutner, C., Suvak, M.**, & **Resick, P.** Longitudinal course of anxiety sensitivity and PTSD symptoms in cognitive-behavioral therapies for PTSD.
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- 88. **Hamblen, J. L., Hermann, B. A.**, & **Merrick, C**. *Teaching trauma survivors about evidence-based treatments: Comparison of two modalities*.
- 89. Han, S., Chen, M. S., Wisco, B., Marx, B., Holowka, D., Rosen, R., & Keane, T. The relationships among traumatic brain injury, posttraumatic stress disorder, postdeployment social support, and suicidal behaviors in male and female Iraq and Afghanistan veterans.
- 90. **Hermann, B. A.**, & **Hamblen, J. L.** *Disseminating best practices:* An online provider course on the VA/DoD Clinical Practice Guideline for PTSD.
- 91. Hermann, B. A., Meyer, E. C., Schnurr, P. P., Batten, S., & Walser, R. Acceptance and Commitment Therapy for cooccurring PTSD/SUD: Manual development and pilot outcomes.
- 92. Hoffman, J., Kuhn, E., Miner, A., Taylor, C. B., Ramsey, K. M., & Ruzek, J. PTSD Coach: Feasibility, usability, and perceived helpfulness of a mobile application for self-management of PTSD.
- 93. **Hoffman, J., Ramsey, K. M.**, Taylor, K. L., & Lavoie, C. Development of mobile applications for PTSD and related conditions.
- 94. **Iverson, K. M.**, Mercado, R., Carpenter, L., & **Street, A. E.** Intimate partner violence among women veterans: Previous interpersonal trauma as a risk factor.
- 95. **Jain, S.**, Hernandez, J., **Rosen, C.**, & Lindley, S. *The peer support* program: An innovative clinical program for veterans with PTSD and substance use disorders living in rural California.
- 96. Japuntich, S., Gregor, K. L., Pineles, S. L., Gradus, J., Street, A. E., & Rasmusson, A. M. The role of trauma exposure and PTSD symptoms in tobacco use behavior before, during and after military deployment.
- 97. **Joos, C., Japuntich, S., Wright, J. D.**, & **Pineles, S. L.** The importance of substance use assessment in trauma studies.
- 98. **Keane, T.** Recent findings on prolonged exposure treatment and its mechanisms.

- 99. **Keane, T., Marx, B., Holowka, D.**, Litman, H., Fang, S., & Rosen, R. C. *Project VALOR: Design and preliminary results of a longitudinal veterans PTSD registry*.
- 100. **King, M. W., Street, A. E., Gradus, J., Vogt, D.**, & **Resick, P.** All symptoms were not created equal: An item response theory analysis of PTSD Checklist responses in a U.S. veteran sample.
- 101. **Kuhn, E.**, & **Hoffman, J.** *Provider perceptions of a patient smartphone app for Prolonged Exposure therapy.*
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- 103. Kulish, A., Rodriguez, P., Marx, B., Weathers, F., Schnurr, P. P., & Lunney, C. Patterns of functional impairment among veterans with full and subthreshold posttraumatic stress disorder.
- 104. Larsen, J., **Wiltsey-Stirman, S.**, & **Resick, P.** Symptom exacerbations in cognitive processing therapy for PTSD: Barrier to treatment?
- 105. Litwack, S. D., Spofford, C., Unger, W., Beck, J. G., & **Sloan, D.** Adapting group cognitive behavioral therapy (GCBT) for veterans diagnosed with PTSD: Pilot findings.
- 106. **Marx, B., Gallagher, M.**, Rubin, C., Feast, J., Azarbayejani, A., Pentland, S., & Place, S. *Reality analysis for psychological health monitoring and the Boston Marathon bombing*.
- 107. **Marx, B., Holowka, D., Kaloupek, D. G.**, & **Keane, T.** Personality, warzone, and symptom predictors of post-military aggressive behavior reported by Vietnam veterans.
- 108. **Matteo, R., Hermann, B. A., Hamblen, J. L.**, & **Merrick, C.** Fostering resilience for trauma survivors using a web-based selfhelp resource: Evaluation of PTSD Coach Online.
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- 110. Mechanic, M., Griffin, M., Newton, G., & **Resick, P.** *The impact* of intimate partner stalking on PTSD and psychophysiological reactivity in survivors of intimate partner violence.
- 111. **Miller, M. W., Wolf, E. J.**, Logue, M., & Baldwin, C. *The RORA gene, PTSD and fear-related comorbidity*.
- 112. **Mitchell, K.**, Aiello, A., Galea, S., Uddin, M., Wildman, D., & Koenen, K. C. *PTSD and obesity in the Detroit Neighborhood Health Study*.
- 113. Nillni, Y. I., Pineles, S. L., Patton, S., Rouse, M. H., Sawyer, A. T., & Rasmusson, A. M. The expression of psychological symptoms across the menstrual cycle in women with PTSD.
- 114. Norman, S. B. How to retain patients in evidence-based care.

- 115. Palmieri, P. A., **Carlson, E. B.**, Eisen, S., & **Vogt, D.** *Predicting chronic mental health problems in military personnel following deployment*.
- 116. **Patton, S., Dodson, T., Nillni, Y. I.**, & **Pineles, S. L.** *Examining* physiological non-response by way of avoidance and peritraumatic dissociation in a trauma exposed sample.
- 117. **Pineles, S. L., Nillni, Y. I., Patton, S., Resick, P., Rasmusson, A. M.**, & Orr, S. P. Menstrual cycle effects on conditioned fear acquisition in women with and without PTSD.
- 118. **Pless-Kaiser, A., Spiro, A., Davison, E.**, & Stellman, J. *Vietnamera women veterans: Use and satisfaction with VA healthcare.*
- 119. Pukay-Martin, N. D., **Macdonald, A.**, Wagner, A. C., Wanklyn, S. G., Fredman, S. J., & Monson, C. M. *Cognitive-behavioral* conjoint therapy for posttraumatic stress disorder: Findings for psychological aggression.
- 120. **Rasmusson, A. M.** How sex and sex-related hormones may affect psychophysiological and psychological correlates of PTSD.
- 121. **Rasmusson, A. M., Pineles, S. L., & Scioli-Salter, E**. A role for GABAergic and other neuroactive steroids in supporting resilience and recovery from extreme stress.
- 122. **Resick, P.** Augmentation of trauma-focused therapy: Can we improve outcomes?
- 123. **Resick, P.** CPT vs. PCT: Final results of an RCT with an active military sample.
- 124. **Resick, P., Suvak, M.**, Mintz, J., **Wachen, J. S.**, Borah, A., & Peterson, A. L. *The chicken and the egg: Do cognitions precede or follow change in PTSD?*
- 125. **Resick, P., Wachen, J. S.**, Mintz, J., Dondanville, C., Pruiksma, K., Borah, K., & Peterson, A. *CPT vs. PCT: Final results of a randomized controlled trial*.
- 126. **Rosen, C.**, Adler, E. P., & **Tiet, Q.** *Predictors of substance use lapses among veterans with PTSD.*
- 127. **Schnurr, P. P.** Cohort profiles: Population-based studies of trauma and its aftermath.
- 128. Schnurr, P. P., Chow, B. K., Suvak, M., Macdonald, A., Monson, C. M., Resick, P., & Caudle, K. L. Effects of concurrent medication use on outcome in trials of psychotherapy for PTSD..
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- Smith, B. N., Vogt, D., Wang, J., Vaughn, R. A., & Di Leone, B. Deployment-related risk and resilience mechanisms for interpersonal reintegration difficulties in female and male veterans.

- 131. **Southwick, S**. Aging, trauma, and the life course: Risks and resiliencies.
- 132. **Southwick, S.** How 4 minutes can impact a community: Lessons learned from Newtown.
- 133. **Southwick, S.** *Resilience as related to definition, theory & challenges.*
- 134. **Tiet, Q., Nguyen, T.**, Aylward, A., Levya, Y. E., Koopman, C., & **Rosen, C.** Challenges faced by VA substance use disorder and PTSD (SUD/PTSD) specialists.
- 135. **Turchik, J. A.**, Rafie, S., **Makin-Byrd, K. N.**, **Rosen, C.**, & **Kimerling, R.** Male veterans who have experienced military sexual trauma: Perceived barriers, provider gender preferences, and informational preferences.
- 136. Tyzik, A. L., **Scioli-Salter, E. R.**, Forman, D. E., **Keane, T.**, Otis, J. D., Allsup, K., & **Rasmusson, A. M.** *Effects of a cardiopulmonary exercise stress (CPX) test on neurobiological and psychological factors of chronic pain and PTSD.*
- 137. **Wachen, J. S.**, Holder, N., Dondanville, K., **Resick, P.**, Litz, B., Mintz, J., Kitsmiller, E., & Borah, A. *Categorization of index event: Effects on PTSD symptom clusters and treatment outcome*.
- 138. **Walker, B. E.**, **Smith, B. N.**, & **Vogt, D.** Not all uniform: Examining risk and resilience factors and postdeployment mental health across military branches.
- 139. Wells, S., Smith, B. N., & Vogt, D. Comparing OEF/OIF active duty and National Guard/Reservist personnel: The impact of mission-related and interpersonal stressors during deployment on postdeployment PTSD symptoms.
- 140. **Whealin, J.**, Nelson, D., Kawasaki, M., & Tatekawa-Chen, J. Family members' perspectives on the impact of community support on rural veterans.
- 141. **Wiltsey-Stirman, S., Gutner, C.,** Dick, A. M., Meisel, S., DeVito, A., **Gamarra, J.**, & **Davison, E.** Who receives evidence-based psychotherapies? Characteristics of female veterans from a practice setting.
- 142. **Wisco, B., Gradus, J., Suvak, M., Marx, B.**, & **Resick, P.** *Trauma-focused treatment reduces suicidal ideation.*
- 143. Wolf, E. J. The genetics of posttraumatic psychopathology.
- 144. Wolf, E. J., Rasmusson, A. M., Mitchell, K., Logue, M., & Miller, M. W. The dissociative subtype of PTSD: A genome-wide association study.
- 145. **Woodward, S. H.**, Shurick, A. A., & Gross, J. J. A laboratory test of explicit emotion regulation in OEF/OIF veterans with PTSD.

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- 146. Creech, S., **Iverson, K. M.**, & **Street, A**. Sexual revictimization and PTSD symptoms in women veterans presenting to primary care.
- 147. Creech, S., Swift, R., **Street, A. E.**, Zlotnick, C., & **Taft, C**. Deployment stressors, mental health and family functioning among OEF/OIF/OND women veterans.
- 148. Gerber, M., **King, M. W.**, **Pineles, S. L.**, **Iverson, K. M.**, & Haskell, S. Associations between mental health burden, smoking and cardiovascular disease in women veterans over 45.
- 149. **Gradus, J., Iverson, K. M., Wisco, B., Marx, B.**, & **Street, A. E.** Differential associations between deployment-related TBI and suicidal ideation among female and male OEF/OIF veterans.
- 150. **Iverson, K. M.**, & Pogoda, T. *Traumatic brain injury among* women veterans: An invisible wound of intimate partner violence.
- 151. **Iverson, K. M., King, M. W.**, Gerber, M., **Kimerling, R., Resick, P., Street, A. E.**, & **Vogt, D.** Accuracy of an intimate partner violence screening tool for female VHA patients: A replication and extension.
- 152. **Karpenko, J. A.**, Greene, L., **Pavao, J., Rodriguez, A., Turchik, J. A., Makin-Byrd, K. N.**, & **Kimerling, R.** Lesbian and bisexual women veterans in VA: Mental health status and VA mental health care utilization.
- 153. Kimerling, R., Pavao, J., Greene, L., Karpenko, J. A., Rodriguez, A., Saweikis, M., Wong, A. C., & Washington, D. L. Access to mental health care among women veterans: Are we meeting women's needs?
- 154. **Makin-Byrd, K. N.**, Greene, L., **Rodriguez, A.**, **Cloitre, M.**, **Pavao, J.**, & **Kimerling, R.** Serving veterans who are mothers: Differences in mental health needs, utilization of services, and perceptions of care between parents and non-parents.
- 155. Marsiglio, M., & **Iverson, K. M.** Intimate partner violence and mental health symptoms among women veterans: The role of partners' military service status.
- 156. **Mitchell, K., Rasmusson, A. M.**, Bartlett, B., & Gerber, M. R. Eating disorders and associated mental health comorbidities in female veterans.

- 157. **Pavao, J., Makin-Byrd, K. N., Turchik, J. A., Karpenko, J. A.**, Greene, L., Saweikis, M., **Rodriguez, A.**, & **Kimerling, R.** *Prevalence of intimate partner violence and association with mental health symptoms and life stressors among women veterans.*
- 158. Pomernacki, A., Carney, D., **Kimerling, R.**, Bastian, L., Bean-Mayberry, B., Blakeney, J., Strehlow, H., Goldstein, K., Martin, B., Sadler, A., Yano, E. M., Yosef, J., & Frayne, S. M. *Conducting the first VA Women's Health Practice-Based Research Network study: Lessons from the field*.
- 159. **Schnurr, P. P.** U.S. VA and DoD Research: Opportunities for collaboration and recommendations for success.
- 160. Shaw, J. G., Asch, S. M., **Kimerling, R.**, Shaw, K. A., & Phibbs, C. S. *Posttraumatic stress disorder, military sexual trauma and preterm birth*.
- 161. Nillni, Y. I., Gradus, J., Gutner, C., Luciano, M., Shipherd, J., & Street, A. E. Deployment stressors and physical health among OEF/OIF veterans: The role of PTSD.
- Shaw, J. G., Asch, S. M., Kimerling, R., Shaw, K. A., & Phibbs, C. S. PTSD and antepartum complications: Increased risk of gestational diabetes and preeclampsia.
- 163. **Street, A. E.**, Reinhardt, K. M., **Foynes, M. M., Luciano, M. T.**, Matza, A. R., & Freyd, J. J. *Characteristics of sexual trauma that occurs in military settings: Qualitative data from military sexual trauma survivors*.
- 164. **Vogt, D.**, Fox, A. B., & Meyer, E. C. Gender differences in attitudinal barriers to and facilitators of mental health care and their impact on VA service use.
- 165. Vogt, D., Fox, A. B., Hamilton, A. B., Bean-Mayberry, B., Blakeney, J., Carney, D., Di Leone, B., Gierisch, J., Goldstein, K., Pomernacki, A., Romodan, Y., Sadler, A., Strehlow, H., Wiltsey-Stirman, S., Yano, E. M., Yee, E. F., Yosef, J., & Frayne S. Implementation of a gender sensitivity training for VHA employees using an EBQI approach.
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- 167. Bernardy, N. C. (2014, June). Gender differences in prescribing among veterans diagnosed with posttraumatic stress disorder. Department of Veterans Affairs Health Services Research & Development Spotlight on Women's Health Cyberseminar Series, Webinar.
- 168. Fordiani, J., Matza, A., Medoff, N., & Shipherd, J. (2013, December). Gender comparisons of physical and psychological health in active duty Army Soldiers. Boston University Medical School and VA Boston Joining Forces TBI/PTSD Conference, Boston, MA.

- 169. **Iverson, K. M.** (2014, April). *Addressing intimate partner violence among women in VHA: Toward a comprehensive response*. Department of Veterans Affairs Office of Research and Development, Washington, DC.
- 170. **Karpenko, J. A.**, Greene, L., **Pavao, J., Rodriguez, A.**, **Turchik, J. A.**, **Makin-Byrd, K. N.**, & **Kimerling, R.** (2014, August). *Lesbian and bisexual women veterans in VA: Mental health status and VA mental health care utilization*. Center for Innovation to Implementation, National Center for PTSD, and Health Economics Resource Center Health Services Research Conference, Menlo Park, CA.
- 171. LaMotte, A., Massa, A., Taft, C., Weatherill, R., Scott, J. C., & Eckhardt, C. I. (2013, December). *Investigating discrepancies in intimate partner aggression reporting among returning veterans and their partners*. Boston University Medical School and VA Boston Joining Forces TBI/PTSD Conference, Boston, MA.

OTHER

- 176. **Abdallah, C.** (2013, November). *In vivo in humans: Interrogation of the glutamatergic synapse*. Molecular Psychiatry Meeting, San Francisco, CA.
- 177. Abdallah, C., Jackowski, A., Salas, R., Gupta, S., Sato, J. R., Chang, L. C., Mao, X., Coplan, J. D., Shungu, D. C., & Mathew, S. J. (2013, December). *Ketamine reduces left nucleus accumbens volume within 24 H of treatment of major depressive disorder patients*. American College of Neuropsychopharmacology, Hollywood, FL.
- 178. **Abdallah, C.**, Jackowski, A., Sato, J. R., Mao, X., Kang, G., Cheema, R., Coplan, J. D., Mathew, S. J., & Shungu, D. C. (2013, October). *Prefrontal GABA abnormalities are associated with reduced hippocampal volume In major depressive disorder*. The International Society for CNS Clinical Trials and Methodology, Philadelphia, PA.
- Averill, L., DellaGioia, N., Trejo, M., Williams, W., Pietrzak, R. H., Anticevic, A., Rothman, D. L., Krystal, J., Sanacora, G., Esterlis, I., & Abdallah, C. (2014, June). Examining the pro-cognitive effects of ketamine and underlying neurocircuitry in subjects with MDD as assessed by fMRI and neuropsychological testing. American Society of Clinical Psychopharmacology, Hollywood, FL.
- 180. Babson, K. A., Vandrey, R. G., & Bonn-Miller, M. (2014, June). Using cannabis to help you sleep: Heightened frequency of medical cannabis use among those with PTSD. Associated Professional Sleep Societies, LLC, Minneapolis, MN.
- 181. Bonn-Miller, M., Babson, K. A., & Vandrey, R. G. (2014, April). The roles of trauma and sleep in terms of medicinal cannabis use. Society of Behavioral Medicine, Philadelphia, PA.
- 182. Boswell, J. F., & Gallagher, M. (2014, June). Patient characteristics and variability in adherence and competence in cognitive-behavioral therapy for panic disorder. Society for Psychotherapy Research Conference, Copenhagen, Denmark.

- 172. Mignogna, J., **Mott, J.**, Hundt, N., Barrera, T., Reynolds-Miles, S., Yu, H., Sansgiry, S., Kunik, M., & Cully, J. (2014, May). *Patient pathways to psychotherapy following diagnosis of depression in integrated primary care clinics*. VA Psychology Leadership Conference, San Antonio, TX.
- 173. **Miller, M. W.** (2013, December). *Genetics of PTSD and related dimensions of psychopathology*. Boston University Medical School and VA Boston Joining Forces TBI/PTSD Conference, Boston, MA.
- 174. **Vasterling, J.** (2014, June). *The interface between PTSD and TBI*. National Association for VA Physicians and Dentists, Washington, DC.
- 175. **Vasterling, J.** (2014, May). *Differentiating the long-term consequences of TBI and psychological trauma: When and why does it matter?* Department of Veterans Affairs Health Services Research & Development Cyberseminar Series, Webinar.
- Boswell, J. F., Sauer-Zavala, S. E., Gallagher, M., & Barlow, D. H. (2013, October). *The role of negative affectivity and negative reactivity to emotions in predicting outcomes in the Unified Protocol*. North American Society for Psychotherapy Research Conference, Memphis, TN.
- 184. Bui, L., Howard, D. T., Heinz, A. J., & Blonigen, D. M. (2014, May). Impulsivity and cognitive functioning predict coping and self-efficacy among substance abuse patients. Association for Psychological Science, San Francisco, CA.
- 185. Busch, R. F., Fesharaki, A., Tang, C., Lu, D., Abdallah, C., Jackowski, A. P., Mathew, S. J., & Coplan, J. D. (2014, May). Early life stress associated with increased caudate nucleus NAA CSF CRF and hippocampal volume correlates. Society of Biological Psychiatry, New York, NY.
- 186. **Carlson, E. B.** (2014, March). *Progress in the conceptualization and assessment of dissociation and its relation to posttraumatic disorders*. European Society for Trauma and Dissociation, Copenhagen, Denmark.
- 187. Cauterucio, C., Trau, J., Rundio, C., & **Drescher, K.** *Qualitative chaplain perspectives on moral injury.*
- 188. Currier, J. M., **Drescher, K.**, & Holland, J. M. Spirituality, forgiveness, and quality of life among veterans with PTSD: Testing an initial meditational model.
- 189. Di Leone, B., Wang, J., Kressin, N., & Vogt, D. (2014, February). Prototypical experiences as a cue to collective identify for recently deployed veterans. Society of Personality and Social Psychology, Austin, TX.
- 190. Dinh, J., Walser, R., Best, S., Cloitre, M., & McCaslin, S. E. (2014, March). Self-compassion is associated with emotional stress and perceived health-related functioning in veterans. American Psychosomatic Society, San Francisco, CA.

- 191. **Drescher, K.**, Currier, J. M., & Nieuwsma, J. *Chaplain views of suffering and professional quality of Life*.
- 192. **Duman, R.** (2014). *Neurobiology of stress, depression, and antidepressants: Remodeling synaptic connections*. Department of Neurobiology and Behavior, Stony Brook University, Stony Brook, NY.
- 193. Esterlis, I., Dellagioia, N., Sanacora, G., Nabulsi, N., Abdallah, C., Yang, J., Krystal, J., Parsey, R., Carson, R., & DeLorenzo, C. (2014, May). *Ketamine-induced changes in [11C]ABP688 binding in healthy and depressed human subjects*. Society of Biological Psychiatry, New York, NY.
- 194. **Fichtenholtz, H. M.**, Russell, B. A. H., & **Morgan, C. A.** (2014, May). *Impact of acute stress on multichannel social-emotional attentional orienting*. Society of Biological Psychiatry, New York, NY.
- 195. Fox-Galalis, A. B., & **Vogt, D.** (2014, February). *Latent profile analysis of anticipated stigma and mental health beliefs in OEF/ OIF veterans*. Society of Personality and Social Psychology, Austin, TX.
- 196. **Gelernter, J.** (2013, October). *Genomewide associations study identifies TLL1 as a PTSD locus*. World Congress of Psychiatric Genetics, Boston, MA.
- 197. **Gelernter, J.** (2013, October). *GWAS of alcohol dependence traits in three populations*. World Congress of Psychiatric Genetics, Boston, MA.
- 198. **Gelernter, J.** (2014, April). *Addictive behaviors & the link to genetics*. Long Wharf Theater, Global Health & the Arts, Tobacco & Addiction, New Haven, CT.
- Gelernter, J. (2014, April). *PTSD and genetics: GxE and GWAS PTSD studies*. Conference on Amygdala, Stress, and PTSD: Bench to Bedside, Uniformed Services University, Bethesda, MD.
- 200. **Gelernter, J.** (2014, April). *Substance dependence GWAS finding* – *Similarities and differences by trait*. Human Genome Meeting, Geneva, Switzerland.
- 201. **Gelernter, J.** (2014, January). *Genetics of alcohol and nicotine dependence*. Chulalongkorn Faculty of Medicine, Bangkok, Thailand.
- 202. **Gelernter, J.** (2014, June). *Genetics of alcohol dependence: Advancing from candidate genes to genomewide approaches.* Research Society on Alcoholism/International Society for Biomedical Research on Alcoholism, Seattle, Washington.
- 203. Gelernter, J. (2014, June). GWAS of alcohol dependence traits in American populations. Research Society on Alcoholism/ International Society for Biomedical Research on Alcoholism, Seattle, Washington.

- 204. Gopinath, S., Abdallah, C., Mao, X., Shungu, D. C., Mathew, S. J., & Coplan, J. D. (2014, May). Conceptualizing the neurobiology of GAD using 1H-MRSI: Aberrant neurochemical connectivity of hippocampus and DLPFC, which predicts worry and IQ. Society of Biological Psychiatry, New York, NY.
- 205. Gradus, J., Leatherman, S., Raju, S., Ferguson, R. E., & Miller, M. (2014, June). Posttraumatic stress disorder, depression and intentional self-harm among Massachusetts veterans. Society for Epidemiologic Research, Seattle, WA.
- 206. **Graham, B. C., Ruzek, J.**, & Lee, J. E. (2014, May). *Individual and organizational factors in the dissemination and implementation of skills following an online training*. Midwestern Psychological Association Annual Meeting, Chicago, IL.
- 207. **Harpaz-Rotem, I.** (2014, June). *Mental health seeking behavior and retention among American soldiers returning from the conflict in Iraq and Afghanistan*. Society for Psychotherapy Research Meeting, Copenhagen, Denmark.
- 208. **Heinz, A. J.**, Schultz, N. R., **Makin-Byrd, K. N.**, Blonigen, D. M., &Timko, C. (2014, May). *Posttraumatic stress, impulsivity and aggressive behavior among substance use disorder treatment patients*. Association for Psychological Science, San Francisco, CA.
- Himmerich, S., Hendricks, B. A., Myers, U., & Norman, S. B. (2014, May). *Reintegration and mental health issues of student veterans*. Society for the Study of Psychiatry and Culture, San Diego, CA.
- 210. Holland, J. M., Currier, J. M., & **Drescher, K.** The role of spiritual factors in predicting outcomes in a residential PTSD treatment program for military veterans.
- 211. Irons, J. G., Heinz, A. J., Babson, K. A., Boden, M. T., Feldner, M. T., & Bonn-Miller, M. (2014, April). Development and evidence for a caffeine motives questionnaire. Society of Behavioral Medicine, Philadelphia, PA.
- 212. **Kachadourian, L.**, Ralevski, E., O'Brian, E., Jane, J. S., & **Petrakis, I.** (2014, June). *Hostility, alcohol use, and PTSD hyperarousal symptoms among treatment seeking military veterans*. Research Society on Alcoholism Scientific Meeting, Bellevue, WA.
- 213. **Keane, T.** (2013, November). *PTSD among military personnel and veterans*. Massachusetts Psychological Association, Worcester, MA.
- 214. **Keane, T.** (2013, November). *War's impact on individuals and their families: A clinical and research agenda*. Massachusetts Psychological Association, Worcester, MA.
- 215. Kimerling, R., Pomernacki, A., Carney, D., Bastian, L., Bean-Mayberry, B., Blakeney, J., Strehlow, H., Goldstein, K., Martin, B., Sadler, A., Yano, E. M., Yosef, J., & Frayne, S. M. (2014, June). *Conducting the first VA women's health Practice-Based Research Network study: Lessons from the field*. North American Primary Research Group Practice-Based Research Network Conference, Bethesda, MD.

- 216. **King, D. W.**, & **King, L. A.** (2014, March). *Positive adjustment among American repatriated prisoners of the Vietnam War: Modeling the long-term effects of captivity*. Columbia University Epidemiology Grand Rounds, New York, NY.
- 217. Knight, J. A., Bogdanova, Y., Martin, P. I., Ho, M. D., Krengel, M. H., Yee, M. K., Ho, V. T., Hamblin, M. R., & Naeser, M. A. (2014, June). *LED therapy to improve sleep and cognition in traumatic brain injury: Pilot study*. Annual Science Symposium of the Massachusetts Neuropsychological Society, Boston, MA.
- 218. **Krystal, J.** (2014, April). *Rapid-acting glutamatergic antidepressants: The path to ketamine and beyond*. New York Academy of Sciences Symposium, Translational Neuroscience in Psychiatry: Light at the End of the Tunnel, New York, NY.
- 219. **Krystal, J.** (2014, May). *Advances in pharmacotherapy for PTSD*. American Psychiatric Association, New York, NY.
- 220. McBain, S., Dubois, R., Garneau-Fournier, J., **Bucossi, M. M.**, **Kimerling, R.**, & **Turchik, J. A.** (2014, May). *Perceived barriers to care and gender preferences among veteran women who have experienced military sexual trauma: A qualitative analysis.* Association for Psychological Science, San Francisco, CA.
- 221. McCormick, W. H., Bratina, J. C., Currier, J. M., & **Drescher, K.** Spiritual coping and changes in spirituality in recovery from combat-related PTSD: A preliminary qualitative study.
- 222. Mercado, R. C., **Wiltsey-Stirman, S.**, & **Iverson, K. M.** (2014, May). *Impact of childhood abuse on physical and mental health and health care utilization among female veterans*. American Psychiatric Association, New York, NY.
- 223. Mitchell, K., Koenen, K. C., Flint, A., Rimm, E. B., & Field, A. E. (2014, March). Genetic associations with food addiction, disinhibited eating, and binge eating. Academy for Eating Disorders International Conference, New York, NY.
- 224. **Mitchell, K., Wolf, E. J.**, Solovieff, N., Roberts, A. L., King, A. P., Liberson, I., Galea, S., Uddin, M., Wildman, D., Smoller, J. W., & Koenen, K. C. (2013, October). *Association of lifetime PTSD with IL-18 single nucleotide polymorphisms in European and African American women*. World Congress of Psychiatric Genetics, Boston, MA.
- 225. **Morland, L. A.** (2013, October). *Using technology for evidencebased PTSD care: Updates & future directions*. University of Hawaii Department of Psychiatry Grand Rounds, Honolulu, HI.
- 226. Nelson, D. D., **Whealin, J.**, Bozik-Lyman, S., Stotzer, R., & Hilmes, T. S. (2014, June). *Barriers to mental health care among ethno-racially diverse OEF/OIF veterans*. American Psychological Association Division 45 Research Conference, Eugene, OR.
- 227. **Petrakis, I.** (2014, June). *Neuroendocrine mechanisms of stress* and addiction: Pharmacotherapy for PTSD and substance abuse among veterans. Research Society on Alcoholism, Bellevue, WA.

- 228. **Rasmusson, A. M.** (2014, April). *Neuroactive steroids in PTSD and comorbid psychiatric and medical conditions: Implications for treatment*. Inaugural Neurosteroid Congress at Duke University, Durham, NC.
- 229. **Rasmusson, A. M.**, & Marx, C. (2014, May). *Biomarkers and the neurobiology of PTSD: Implications for PTSD risk and individualized therapeutics*. University of Texas Health Science Center at San Antonio Psychiatry Grand Rounds, San Antonio, TX.
- Ruderman, L., Ehrlich, D. B., Harpaz-Rotem, I., & Levy, I. (2014, September). *Decision making under uncertainty in posttraumatic stress disorder*. Society for Neuroeconomics, Miami, FL.
- 231. **Samimi Sadeh, N.**, & McNiel, D. E. (2014, March). *Posttraumatic stress disorder increases risk for criminal recidivism in justice-involved adults with mental disorders*. American Psychology-Law Society, New Orleans, LA.
- 232. **Sanacora, G.** (2013, November). *Using a pathophysiological model to guide antidepressant drug development*. Scientific and Medical Research Topics Program, Takeda, Chicago IL.
- 233. **Sanacora, G.** (2013, October). *New development major depressive disorder and translating neuroscience discoveries to clinical practice*. United States Psychiatric and Mental Health Congress, Las Vegas, NV.
- 234. **Sanacora, G.** (2013, October). *Targeting glutamatergic plasticity to develop novel, improved treatments for depression*. American Society of Clinical Pharmacology, New York, NY.
- 235. **Sanacora, G.** (2013, October). *Targeting glutamatergic transmission in the development of novel therapeutics for mood and anxiety disorders*. European College of Neuropsychopharmacology, Barcelona, Spain.
- 236. **Sanacora, G.** (2014, January). *Ketamine and glutamate neurotransmission*. Canadian Network for Mood and Anxiety Treatments Meeting Mood & Brain: Molecular Markers, Neuroimaging, Toronto, CA.
- 237. **Sanacora, G.** (2014, January). *Update on the treatment of major depressive disorder for the primary care physician*. Clinical Science Lecture Series, New London, CT.
- 238. **Sanacora, G.** (2014, July). *Abnormal glutamatergic gliotransmission in depression, anxiety and stress-related disorders*. Neuroscience School of Advanced Studies, Bressanone, Italy.
- 239. **Sanacora, G.** (2014, July). *GLT1 modulation of chronic stress response in rodent models*. Federation of European Neuroscience Societies-Satellite, Milan, Italy.

- 240. **Sanacora, G.** (2014, June). A review of pre-clinical data" Workshop: Novel mechanisms of action for the treatment of depression and anxiety. American Society for Clinical Psychopharmacology/New Clinical Drug Evaluation Unit meeting, Hollywood, FL.
- 241. **Sanacora, G.** (2014, March). *Ketamine and the promise of novel rapidly acting antidepressant treatments*. Annual Eliahu Youdim Memorial lecturer, Jerusalem, Israel.
- 242. **Sanacora, G.** (2014, May). *Glutamate clearance related to stress sensitivity and resiliency in rodent models*. Society for Biological Psychiatry, New York, NY.
- 243. **Sanacora, G.** (2014, September). *Rapid acting treatments for depression*. Davis Conference on Psychotic Disorders, Sacramento, CA.
- 244. **Sanacora, G.** (2014, September). *Rapid-acting antidepressants: Ready for prime time*. United States Psychiatric and Mental Health Congress, Orlando, FL.
- 245. **Schnurr, P. P.** (2014, June). *The National Center for PTSD*. Institute of Medicine Committee to Evaluate the Department of Veterans Affairs Mental Health Services, Washington, DC.
- 246. Schnurr, P. P. (2014, May). *Military sexual trauma in women veterans: Advances in understanding biological mechanisms, biomarkers, diagnosis, prevention, and treatment.* American Psychiatric Association, New York, NY.
- 247. Smith, B. N., Koucky, E. M., Neylan, T., & Cohen, B. E. (2014, March). Effect of PTSD on psychosocial and functional outcomes in younger versus older veterans: Findings from the Mind Your Heart Study. American Psychosomatic Society, San Francisco, CA.
- 248. **Southwick, S.** (2013, November). *Posttraumatic stress disorder and the unforgettable past*. Promedica Conference, Toledo, OH.
- 249. **Southwick, S.** (2013, November). *Resilience: Scientific foundations and implications for clinical practice*. Promedica Conference, Toledo, OH.
- 250. **Southwick, S.** (2014, June). *Impact of community resilience on Individual resilience*. Rockefeller Foundation Conference on Measurement, Assessment, and Profiling Methods, Bellagio, Italy.
- 251. **Southwick, S.** (2014, May). *How meaning and purpose enhances resilience*. The Future of Logotherapy, Vienna, Austria.
- 252. Spandoni, A., Strigo, I., **Norman, S. B.**, & Simmons, A. (2013, November). *Neural biomarkers of treatment response in combat trauma*. Society for Neuroscience Conference, San Diego, CA.

- 253. **Spiro, A.**, & **Davison, E.** (2013, November). *From LOSS to LATR: Reevaluating the impact of early-life trauma in later life.* Gerontological Society of America, New Orleans, LA.
- Steele, B., Colvonen, P., Robison, C., Blanes, E., & Norman, S.
 B. (2014, May). Examining the relationship between shame and reintegration in OEF/OIF/OND veterans: Exploring differences by race. Society for the Study of Psychiatry and Culture, San Diego, CA.
- 255. Stellman, J. M., **Pless Kaiser, A.**, & **Spiro, A.** (2013, November). *Career military service, family structure and well-being among aging women of the Vietnam War*. Gerontological Society, New Orleans, LA.
- 256. **Street, A. E.** (2014, April). *Trauma-informed care for women veterans: Lessons learned through research and clinical care.* Society for General Internal Medicine, San Diego, CA.
- 257. **Taft, C.** (2013, November). *Therapeutic alliance and treatment of men who use violence*. Nordic Conference of Violence Treatment, Oslo, Norway.
- 258. **Taft, C.** (2013, November). *Trauma, PTSD, and violent behavior*. Nordic Conference of Violence Treatment, Oslo, Norway.
- 259. **Taft, C., Creech, S.**, Massa, A., **Macdonald, A.**, Murphy, C., & Monson, C. (2014, July). *Strength at Home programs to prevent and treat IPV in veterans*. International Family Violence and Child Victimization Research Conference, Portsmouth, NH.
- 260. **Vogt, D.** (2013, October). *Family-related risk and resilience factors during deployment and OEF/OIF veterans' postdeployment mental health*. Military Family Research Institute Colloquium Series, Purdue University, Indianapolis, IN.
- Whealin, J., Yoneda, A. C., Hilmes, T. S., Nelson, D., & Kawasaki, M. M. (2014, June). *Culturally adapting a family intervention for rural Pacific Island veterans*. American Psychological Association Division 45 Research Conference, Eugene, OR.
- 262. **Wisco, B., Marx, B., Sloan, D.**, & **Pineles, S. L.** (2014, September). *Rumination and emotional reactivity to trauma memories in veterans with PTSD*. Society for Research in Psychopathology, Evanston, IL.
- 263. Wolf, E. J., Rasmusson, A. M., Mitchell, K., Logue, M., & Miller, M. W. (2013, October). A genome-wide association study of the symptoms that define the dissociative subtype of posttraumatic stress disorder. World Congress of Psychiatric Genetics, Boston, MA.

APPENDIX F. FISCAL YEAR 2014 EDITORIAL BOARD ACTIVITIES

Addiction Bonn-Miller (Assistant Editor)

Addictive Behaviors Bonn-Miller (Assistant Editor)

Administration and Policy in Mental Health Services and Mental Health Services Research Wiltsey-Stirman

American Journal of Medical Genetics, Part B Gelernter

Asian Biomedicine (Research Reviews and News) Gelernter

Behavior Therapy Sloan (Associate Editor); Wolf

Behaviour Research and Therapy Ruzek; Sloan (Consulting Editor)

Biological Psychiatry Duman; Gelernter; Krystal; Sanacora

Clinical Case Studies Marx (Consulting Editor)

Clinical Psychology: Science and Practice Shipherd (Guest Editor)

CNS Spectrums Sanacora

Cognitive and Behavioral Practice Shipherd

Community Mental Health Journal Harpaz-Rotem

Critical Reviews in Neurobiology Duman (Editorial Advisory Board)

Disaster Health Watson (Editor)

European Journal of PsychoTraumatology Cloitre (Associate Editor)

International Journal of Emergency Mental Health Keane (Consulting Editor) Journal of Abnormal Psychology

Miller (Consulting Editor); Sloan (Consulting Editor); Taft (Consulting Editor); Wolf (Consulting Editor)

Journal of Addiction Tiet

Journal of Anxiety Disorders Keane (Consulting Editor); Ruzek

Journal of Child and Family Studies Tiet

Journal of Clinical Psychology Sloan (Consulting Editor)

Journal of Consulting and Clinical Psychology Marx (Consulting Editor); Resick (Associate Editor); Taft (Consulting Editor)

Journal of Contemporary Psychotherapy Sloan (Consulting Editor)

Journal of Depression and Anxiety Tiet

Journal of Family Psychology Taft (Consulting Editor)

Journal of Family Violence Taft (Consulting Editor)

Journal of Interpersonal Violence Keane (Consulting Editor)

Journal of Neurochemistry Duman (Handling Editor)

Journal of Rehabilitation Research and Development Bernardy (Associate Editor); Harpaz-Rotem

Journal of the International Neuropsychological Society Vasterling (Consulting Editor)

Journal of Trauma and Dissociation Carlson; Marx (Consulting Editor)

Journal of Trauma Practice Keane (Consulting Editor)

Journal of Traumatic Stress Schnurr (interim Editor-in-Chief); Miller (Associate Editor); Rosen; Street; Wolf (Editorial Advisory Board) **LGBT Health** Shipherd

Mental Health Services and Administration and Policy in Mental Health Hoff

Military Behavioral Health Spira

Molecular Pharmacology Duman

Neuropharmacology Duman

Neuropsychology Hayes (Consulting Editor)

Neuropsychopharmacology Duman (Associate Editor); Gelernter (Associate Editor); Sanacora

Partner Abuse Taft (Consulting Editor)

Psychiatric Genetics Gelernter

Psychological Trauma Carlson; Marx (Consulting Editor)

Psychological Trauma: Theory, Research, Practice and Policy Keane (Consulting Editor); Miller (Consulting Editor); Ruzek; King, D (Associate Editor); Taft (Associate Editor); Vogt; Wolf (Consulting Editor)

Psychology of Addictive Behaviors Bonn-Miller (Consulting Editor)

Psychopharmacology Duman (Editorial Board and Advisory Editor)

Psychosomatic Medicine Sloan (Consulting Editor)

The Behavior Therapist Wiltsey-Stirman (Associate Editor)

Trauma, Abuse, and Violence Keane (Consulting Editor)

APPENDIX G. FISCAL YEAR 2014 EDUCATIONAL PRESENTATIONS

AMERICAN PSYCHOLOGICAL ASSOCIATION - WASHINGTON, DC, AUGUST 2014

- 1. **Knight, J. A.** *Traumatic brain injury and PTSD.*
- 2. **Shipherd, J.** *Transgender veterans and the VA Healthcare System.*
- 3. **Shipherd, J.**, & Kauth, M. VHA transgender and LGBT initiatives and services.
- 4. **Shipherd, J.**, & Kauth, M. *LGBT veteran care is coming out of the closet.*

INTERNATIONAL SOCIETY FOR TRAUMATIC STRESS STUDIES – PHILADELPHIA, PA, NOVEMBER 2013

- 5. **Keane, T.** *Responding to the Boston marathon bombing.*
- 6. **McCaslin, S. E., Ruzek, J.**, Kemp, J., & Batten, S. *Getting the* word out: Enhancing the care of veterans with PTSD through the community provider online toolkit.
- 7. **Resick, P.** *Narrow focus, wide effects: Beyond PTSD symptom reduction in trauma-focused therapy.*
- 8. Ruzek, J., Drescher, K., Landes, S., McCaslin, S., Prins, A., Spangler, S., Swales, P., Weaver, C., & Young, B. Online toolkits: Web-based dissemination and PTSD provider support.
- 9. Schnurr, P. P., Friedman, M. J., Weathers, F. W., & Marx, B. Assessing PTSD according to DSM-5.

OTHER

- 15. **Bernardy, N. C.** (2014, September). *Responsible prescribing for posttraumatic stress disorder*. New England Rural Health Conference, Westford, MA.
- 16. **Cloitre, M.** (2014, January). *STAIR Narrative Therapy for veterans*. VA National Center for PTSD Consultation Program Lecture Series, Webinar.
- 17. **Duman, R.** (2014, September). *Neurobiology of stress, depression, and antidepressants: Remodeling synaptic connections.* Tufts Department of Psychiatry Grand Rounds, Boston, MA.
- Friedman, M. J. (2013, December). *PTSD: Looking beyond DSM-5*.VA National Center for PTSD Psychopharmacology Best Practices Lecture Series, Webinar
- Gelernter, J. (2013, December). Genomewide association studies of substance dependence traits - progress in identifying relevant genes and pathways. Department of Psychiatry Grand Rounds, Columbia University College of Physicians and Surgeons, New York, NY.
- 20. **Gelernter, J.** (2014, March). *Genetics of substance dependence... up to GWAS*. Department of Psychiatry Substance Abuse Epidemiology Seminar, Columbia University, New York, NY.

- 10. Schnurr, P. P., Keane, T., Krystal, J., Kilpatrick, D., & Ursano, R. J. Special session in honor of Dr. Matthew Friedman.
- 11. **Walser, R.** Acceptance and Commitment Therapy: Mindfulness and compassion in the treatment of PTSD.
- 12. **Watson, P.** New evidence-supported approaches to first responder behavioral health: Implementing NFFF Firefighter Life Safety Initiative 13.
- 13. **Watson, P.** New approaches to first responder behavioral health: The National Fallen Firefighter Foundation Life Safety Initiative 13.
- 14. Watson, P. Psychological First Aid: Keeping providers' skills up.
- 21. **Gelernter, J.** (2014, May). *Mapping substance dependence risk genes using GWAS*. Department of Psychiatry, National Taiwan University Hospital, Taipei, Taiwan.
- 22. **Gradus, J.** (2014, May). *Sexual trauma and suicide*. VA Office of Mental Health Services Military Sexual Trauma Support Team Teleconference Training Series, Boston, MA.
- 23. **Gradus, J.** (2014, September). *Psychiatric epidemiology*. Department of Clinical Epidemiology Seminar Series, Aarhus University, Aarhus, Denmark.
- 24. Casey, R., & **Guthrie, K. A.** (2013, *November*). *PTSD and veteran homelessness: Implications for case management and treatment*. VA National Center for PTSD Consultation Program Lecture Series, Webinar.
- 25. Hart, T., Pachankis, J., Pantalone, D., O'Cleirigh, C., Valentine, S., Tulloch, T., Newcomb, M., & **Shipherd, J.** (2013, November). *CBT for lesbian, gay, bisexual, and transgender individuals: How to increase your competency*. Association for Behavioral and Cognitive Therapies, Nashville, TN.
- Homaifar, B. Y., Thompson, C., McCaslin, S. E., & Weaver, S. (2014, April). *Community Provider's Toolkit workshop*. American Association of Suicidology, Los Angeles, CA.

Appendix G. Fiscal Year 2014 Educational Presentations

- 27. Homaifar, B. Y., Mullens, L., & **Wright, J. D.** (2014, April). *Trauma informed care*. American Association of Suicidology, Los Angeles, CA.
- 28. **Iverson, K. M.** (2014, March). *Pregnancy and intimate partner violence*. Maternity Care Coordinators, Boston, MA.
- 29. **Iverson, K. M.**, & Latta, R. E. (2013, December). *Addressing intimate partner violence (IPV) among women in the Veterans Health Administration (VHA): Toward a comprehensive response.* Intimate Partner Violence Screening and Counseling: Research Symposium, US Department of Health and Human Services, National Institute of Health, Bethesda, MD.
- 30. Kauth, M., **Shipherd, J.**, & Sherman, M. (2014, September). *LGBT veterans' experiences in VHA and what VHA is doing to meet LGBT healthcare needs*. Gay and Lesbian Medical Association, Baltimore, MD.
- 31. **Keane, T.** (2014, March). *Key changes in DSM -5 and their relevance to clinical practice*. Anxiety and Depression Association of America, Chicago, IL.
- Kivlahan, D., Smith, T., Norman, S. B., & Bernardy, N. C. (2014, May). Evidence-based mental health treatments in VHA – Critiques, responses and future directions. Department of Veterans Affairs Psychology Leadership Conference, San Antonio, TX.
- 33. **Landes, S. J.** (2014, August). *When to consider DBT for patients with PTSD*. VA National Center for PTSD Consultation Program Lecture Series, Webinar.
- Levander, E., McFarr, L., & Walser, R. (2014, May). The use of ACT, CBASP, and DBT for treatment-refractory psychiatric illness. American Psychiatric Association, New York, NY.
- 35. **Makin-Byrd, K. N.** (2014, February). *The military sexual trauma clinical reminder revision*. Military Sexual Trauma Team Teleconference Training Series, Department of Veterans Affairs, Webinar.
- 36. **Makin-Byrd, K. N.** (2014, April). *Overview of treatments for child abuse*. Child Abuse Assessment Reporting and Overview of Treatment conference, Palo Alto, CA.
- 37. **McCaslin, S. E.** (2014, May). *PTSD in service members and veterans*. Institute for Research, Education, and Training in Addictions, Webinar.
- 38. **McCaslin, S. E.**, Weaver, S., Thompson, C., & Kemp, J. (2014, April). *Reducing veteran suicide and enhancing veteran care through VHA and community provider collaboration*. American Association of Suicidology, Los Angeles, CA.
- 39. **McCaslin, S. E.** (2014, June). *The community provider toolkit*. Coming Home Project, San Francisco, CA.
- 40. **McCaslin, S. E.** (2014, January). *Resources and tools available through the NCPTSD to support providers*. National Child Traumatic Stress Network Military and Veteran Families Collaborative Group, Webinar.

- 41. **Mott, J.**, & Grubbs, K. (2014, March). *How to harness technology to improve care for your PTSD patients*. South Central Mental Illness Research, Education, and Clinical Center Mental Health Rounds, Webinar.
- 42. **Niles, B.**, Wattenberg, M., & Unger, W. S. (2014, March). *'Managing anger' for PTSD: Skills-focused group treatment*. American Group Psychotherapy Association, Boston, MA.
- 43. **Niles, B.** (2014, March). *Screening and treatment of PTSD in VA primary care clinics*. The General Adult Trauma Screening and Brief Intervention in Health Settings Experts Meeting, Substance Abuse and Mental Health Services Administration, Rockville, MD.
- 44. **Norman, S.**, & Kivlahan, D. (2014, April). *Update on treatment of PTSD and substance use disorder*. VA National Center for PTSD Consultation Program Lecture Series, Webinar.
- 45. **Petrakis, I.** (2014, January). *Posttraumatic stress disorder* (*PTSD*) & comorbid alcohol use disorders (AUD). Department of Psychiatry Grand Rounds, University of Florida, Gainesville, FL.
- 46. **Prins, A.** (2013, November). *Bringing technology into care: Web and mobile apps*. VA Post-Deployment Integrated Care Initiative national call series, Tacoma, WA.
- 47. **Prins, A.** (2014, April). *Student veterans: What college faculty and staff need to know*. National Center for PTSD and the Home Base Program's From the War Zone to the Home Front lecture series, Webinar.
- Rasmusson, A. M. (2013, October). *PTSD*.
 Psychopharmacology Update of the Massachusetts Psychiatric Society, Waltham, MA.
- Rasmusson, A. M. (2013, November). *Neurobiology of PTSD*. Invited lecture at Harvard Psychiatry Education Day, Boston, MA.
- 50. **Resick, P.** (2013, October). *Introduction to Cognitive Processing Therapy for veterans/military*. Jail Diversion and Trauma Recovery Priority to Veterans Program Conference, Savannah, GA.
- 51. **Resick, P.** (2013, November). *Detecting assimilation in Cognitive Processing Therapy for PTSD*. Association for Behavioral and Cognitive Therapies, Nashville, TN.
- 52. **Ruzek, J. I.** (2014, May). *Integration of technology into PTSD care.* VA National Center for PTSD Consultation Program Lecture Series, Webinar.
- 53. **Sanacora, G.** (2013, November). *Using a pathophysiological model to guide antidepressant drug development*. Department of Psychiatry Grand Rounds, University of Texas Southwestern Medical Center, Dallas, TX.
- 54. **Sanacora, G.** (2014, February). *Using a pathophysiological model to guide antidepressant drug development*. Department of Psychiatry Grand Rounds, University of Pennsylvania, Philadelphia, PA.

Appendix G. Fiscal Year 2014 Educational Presentations

- 55. **Sanacora, G.** (2014, March). *Novel antidepressant treatments in development and the clinical trial option*. Psychiatry Resident Grand Rounds, Yale University, New Haven, CT.
- 56. **Schnurr, P. P.** (2014, February). From the front line to the home front: American troops and the challenge of post-service reintegration. John Sloan Dickey Center for International Understanding, Dartmouth College, Hanover, NH.
- 57. Schnurr, P. P. (2014, March). *Toward greater understanding of trauma and PTSD: Grappling with PTSD across society*. Health Journalism 2014, Denver, CO.
- 58. **Schnurr, P. P.** (2014, April). *Implications of PTSD for women treated in primary care settings*. Society for General Internal Medicine, San Diego, CA.
- 59. **Schnurr, P. P.** (2014, May). *Advances in psychotherapy for PTSD.* American Psychiatric Association, New York, NY.
- 60. **Shipherd, J.** (2014, March). *LGBT veterans*. Social Work Conference at the GV (Sonny) Montgomery VA Medical Center, Jackson, MS.
- 61. **Southwick, S.** (2014, July). *Resilience and hospice*. Connecticut Hospice, Branford, CT.
- 62. **Street, A. E.** (2013, December). *Researching experiences of sexual harassment and sexual assault among veterans*. Institute of Medicine of the National Academies Board of Select Health Populations, Washington, DC.
- 63. **Street, A. E.**, & Petrillo, L. (2014, January). *PTSD: Gender-based differences in presentation and response to treatment*. Veterans Health Administration *e*Health University (VeHu), Webinar.

- 64. **Taft, C.** (2014, March). *Domestic abuse in military populations*. Department of Social Work, Boston College, Boston, MA.
- 65. **Taft, C.** (2014, August). *Strength at Home programs for service members and veterans*. Battered Women's Justice Program Conference, San Diego, CA.
- 66. **Vasterling, J.**, & Thorp, S. (2014, June). *Posttraumatic stress disorder (PTSD) and dementia*. Northwest Mental Illness Research, Education, and Clinical Center Mental Health Rounds, Webinar.
- 67. **Vogt, D.** (2014, June). *Posttraumatic stress disorder (PTSD) in female OEF/OIF/OND veterans: Overview of recent research findings*. National Association of VA Physicians and Dentists, Washington, DC.
- 68. **Vogt, D.** (2014, June). *Impact of OEF/OIF veterans' beliefs about mental illness and mental health treatment on treatment seeking*. American Legion, Washington, DC.
- 69. **Walser, R.** (2014, May). Acceptance and Commitment Therapy: A mindful approach to behavior change. American Psychiatric Association, New York, NY.
- Watson, P. (2014, September). Stress First Aid for nurses. Dartmouth-Hitchcock Medical Center Department of Nursing, Webinar.
- 71. **Whealin, J.**, Yoneda, A., & Lo, F. (2014, March). *Overcoming stigma to facilitate mental health treatment in veterans*. Institute on Violence Abuse and Trauma, Honolulu, HI.