Projected FY2015 ORD Support for Ongoing Gulf War Research Projects (18September2015)

VAMC	Title	Focus	Total FY 2015	Start Date	End Date
			\$ 2,845,929		
Madison, WI	Impact of Exercise Training on Pain and Brain Function in Gulf War Veterans	Treatment of pain in GW veterans with resistance exercise training	\$ 329,743	07/01/11	06/30/16
Palo Atlo, CA	rTMS for the Treatment of Chronic Pain in GW1 Veterans	Treatment of chronic pain in GW Veterans using repetitive transcranial magnetic stimulation	\$ 309,100	10/01/12	09/30/16
Boston, MA	Transcranial, Light-Emitting Diode (LED) Therapy to Improve Cognition in GWVI	Treatment for cognitive difficulties in GW Veterans using light therapy	\$ 785,867	04/01/13	03/31/17
Durham, NC	Complementary Neurosteroid Intervention in Gulf War Veterans' Illnesses	Treatment for neurological problems and pain, fatigue, and cognitive difficulties in ill GW Veterans	\$ 421,204	04/01/14	03/31/18
Washington, DC	CAM in Veterans with Gulf War Illnesses	Treatment for GW Veterans using complementary and alternative medicine	\$ 222,332	07/01/14	06/30/18
East Orange, NJ	Cognitive Rehabilitation for Gulf War Illness	Treatment for cognitive difficulties in GW Veterans using problem solving therapy	\$ 392,929	05/01/14	04/30/19
Waco, TX	RCT of Duloxetine & Pregabalin for the treatment of Gulf War Illness in Veterans	Drug treatment for pain in GW Veterans	\$ 384,754	07/01/15	06/30/19
			\$ 4,780,422		
Durham, NC	Gulf War Era Cohort and Biorepository (CSP 585)	Gulf War era repository of blood specimens	\$ 2,887,228	04/01/10	09/30/15
Boston, MA	VA Gulf War Veterans' Illnesses Biorepository (CSP 501B)	Gulf War Tissue Bank	\$ 275,762	10/01/10	09/30/18
East Orange, NJ	Diagnostic Utility of mtDNA Content and Exercise Challenge in Veterans with GWI	Diagnosis of multisymptom illness in GW Veterans using mitochondrial DNA	\$ 47,269	04/01/13	03/31/15
East Orange, NJ	Examination of Cognitive Fatigue in Gulf War Illness Using fMRI	Use of fMRI and DTI to monitor cognitive failure in ill GW Veterans	\$ 263,866	10/01/13	09/30/16
San Francisco, CA	Longitudinal assessment of Gulf War veterans with suspected Sarin exposure	Study of brain changes by MRI and cognitive difficulties in GW Veterans	\$ 455,994	10/01/13	12/31/17
Seattle, WA	Multimodal Biological Assessment of Gulf War Illness	Development of biomarkers in GW Veterans using neuroimaging, genetics, and neuroendocrinology.	\$ 561,936	01/01/14	12/31/17
Durham, NC	Genomics of Gulf War Illness in Veterans	GWAS study of Gulf War era Veterans	\$ 288,367	08/01/15	09/30/19
Gulf War Veterans Illnesses			\$ 906,486		
Hines, IL	National Health Survey of Persian Gulf Veterans and their Families (CSP 458)	Cross-sectional study of the health of GW Veterans and their families	\$ 173,622	10/01/15	09/30/16
Cincinnati, OH	Somatic Hypersensitivity in Veterns with IBS	Evaluation of altered central pain processing in IBS	\$ 30,256	04/01/12	03/31/16
Boston, MA	Vascular and Skeletal Muscle Function in Gulf War Veterans Illness	Mechanism of muscle fatigue after Gulf War exposures	\$ 168,148	04/01/13	03/31/16
	Madison, WI Palo Atlo, CA Boston, MA Durham, NC Washington, DC East Orange, NJ Waco, TX Durham, NC Boston, MA East Orange, NJ East Orange, NJ Can Francisco, CA Seattle, WA Durham, NC Hines, IL Cincinnati, OH	Madison, WI Impact of Exercise Training on Pain and Brain Function in Gulf War Veterans Palo Atlo, CA rTMS for the Treatment of Chronic Pain in GW1 Veterans Boston, MA Transcranial, Light-Emitting Diode (LED) Therapy to Improve Cognition in GWVI Durham, NC Complementary Neurosteroid Intervention in Gulf War Veterans' Illnesses Washington, DC CAM in Veterans with Gulf War Illnesses East Orange, NJ Cognitive Rehabilitation for Gulf War Illness Waco, TX RCT of Duloxetine & Pregabalin for the treatment of Gulf War Illness in Veterans Durham, NC Gulf War Era Cohort and Biorepository (CSP 585) Boston, MA VA Gulf War Veterans' Illnesses Biorepository (CSP 501B) East Orange, NJ Diagnostic Utility of mtDNA Content and Exercise Challenge in Veterans with GWI East Orange, NJ Examination of Cognitive Fatigue in Gulf War Illness Using ffMRI San Francisco, CA Longitudinal assessment of Gulf War veterans with suspected Sarin exposure Seattle, WA Multimodal Biological Assessment of Gulf War Illness Durham, NC Genomics of Gulf War Illness in Veterans Hines, IL National Health Survey of Persian Gulf Veterans and their Families (CSP 458) Cincinnati, OH Somatic Hypersensitivity in Veterns with IBS	Madison, WI Impact of Exercise Training on Pain and Brain Function in Gulf War Veterans Palo Allo, CA TTMS for the Treatment of Chronic Pain in GW1 Veterans Treatment of chronic pain in GW1 Veterans using repetitive transcranial magnetic stimulation Treatment of chronic pain in GW1 Veterans using repetitive transcranial magnetic stimulation Treatment of chronic pain in GW1 Veterans using repetitive transcranial magnetic stimulation Treatment for cognève difficulties in GW1 Veterans using light, therapy Durham, NC Complementary Neurosteroid Intervention in Gulf War Veterans' Illnesses Treatment for neurological problems and pain, fatigue, and cognitive difficulties in GW1 Veterans using complementary and alternative medicine Washington, DC CAM in Veterans with Gulf War Illnesses East Orange, NJ Cognève Rehabilitation for Gulf War Illness Treatment for GW1 Veterans using complementary and alternative medicine Treatment for GW1 Veterans using complementary and alternative medicine Treatment for GW1 Veterans using complementary and alternative medicine Treatment for GW1 Veterans using complementary and alternative medicine Treatment for GW1 Veterans using complementary and alternative medicine Treatment for GW1 Veterans using complementary and alternative medicine Treatment for pain in GW1 Veterans using problem solving therapy Wacot, TX RCT of Dulovetine & Pregabalin for the treatment of Gulf War Illness in Veterans Drughtern, NC Gulf War Era Cohort and Biorepository (CSP 565) Gulf War Treasue Bank Diagnosis of multisymptom illness in GW1 Veterans using meticohoridal DNA East Orange, NJ Diagnosis Utility of mtDNA Content and Exercise Challenge in Veterans with DNA Development of bomarkers in GW1 Veterans using neuroimaging, genetic, and neuroendocrinology. 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FullName	VAMC	Title	Focus	Total FY 2015	Start Date	End Date
Klimas, Nancy (M.D.)	Miami Fl		Investigation of gender differences related to Gulf War Veterans' symptoms and possible treatments	\$ 534,460	07/01/14	06/30/18

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FullName	VAMC	Title	Focus	Total ′ 2015	Start Date	End Date
Model Systems of GW Exposures/Illnesses				\$ 3,099,961		
Greenwood, Beverley (Ph.D., FACG)**	Oklahoma City, Ok	Central Mechanisms Modulating Visceral Sensitivity	Central nervous system control of gastrointestinal pain (IBS)	\$ 148,368	10/01/08	03/31/17
Vandenbark, Arthur A. (Ph.D.)**	Portland, OR	Immunoregulation of Myelin Specific T Lymphocytes	New treatment for MS	\$ 168,600	01/01/09	12/31/16
Singh, Inderjit (Ph.D.)	Charleston, SC	Neuroprotection and Myelin Repair Mechanisms in Multiple Sclerosis	New treatment for MS	\$ 50,165	10/01/10	09/30/14
Shiromani, Priyattam (Ph.D.)**	Charleston, SC	Sleep Neurobiology and Circuitry	Control of sleep	\$ 202,320	10/01/10	09/30/18
Chase, Michael H. (Ph.D.)	'est Los Angeles, (Prevention of Hippocampal Neurodegeneration due to Age and Apnea	New treatment for neurodegenerative effects of sleep apnea	\$ 143,872	01/01/11	12/31/14
Kowall, Neil (M.D.)	Boston, MA	Epigenetic Mechanisms Relevant to the Pathogenesis of ALS	Genetic mechanisms underlying ALS	\$ 42,150	01/01/11	12/31/14
Schlosser, Rodney J. (M.D.)	Charleston, SC	Nanoparticle Coupled Antioxidants for Respiratory Illness in Veterans	Sand derived respiratory illness	\$ 84,300	04/01/11	03/31/15
Greenwood, Beverley (Ph.D., FACG)**	Oklahoma City, Ok	Understanding Pain of Gastrointestinal Origin in Women that Serve in OEF/OIF	Central nervous system control of gastrointestinal pain (IBS)	\$ 129,260	04/01/11	03/31/15
Shetty, Ashok (Ph.D.)**	Temple, TX	Memory and Mood Enhancing Therapies for Gulf War Illness	Development of new drug therapy for ill Gulf War Veterans	\$ 281,000	09/30/11	12/31/15
Crawford, Fiona (Ph.D.)**	Tampa, FL	Identification of Plasma Biomarkers of Gulf War Illness Using "omic" Technology	Method for developing biomarkers for chronic multisymptom illness in GW Veterans	\$ 569,235	01/01/14	12/31/17
Hansen, Deborah A. (Ph.D.) Moley, Kelle (M.D.)	St. Louis, MO	Gulf War Exposures and the Molecular Mechanisms of Paternal Reproductive Risk	Effects of environmental exposures on male reproductive function	\$ 373,865	01/01/14	12/31/17
Dedeoglu, Alpaslan (M.D., Ph.D.)	Boston, MA	Novel neurotrophic therapies in an optimized mouse model of GWVI	Restoring normal function to parts of the brain affected by neurotoxins	\$ 602,157	07/01/14	06/30/18
Huang, Ting-Ting (Ph.D.)	Palo Alto, CA	Neuroinflammation, Oxidative Stress, and Hippocampal Defects in Gulf War Illness	Antioxidant treatment of mice exposed to neurotoxins	\$ 168,600	07/01/14	06/30/17
Reagan, Lawrence (Ph.D.)	Columbia, SC	Immune Basis for Hippocampal Cholinerginc Deficits in Pyridostigmine-treated Rats	Testing whether neurocognitive deficits are related to altered immune function	\$ 136,069	07/01/15	06/30/19

\$ 11,632,798

Total Distributed by ORD in FY 2015