

**Projected FY2014 ORD Support for Ongoing Gulf War Research Projects (11April2014)**

FullName	VAMC	Title	Focus	Total FY 2014	Start Date	End Date
<b>Clinical Trials</b>				<b>\$ 1,881,267</b>		
Lin, Henry C. (M.D.)	Albuquerque, NM	Bacterial Overgrowth Associated with Chronic Multi-Symptom Illness Complex	Treatment of GW veterans with gastrointestinal symptoms	\$ 49,504	04/01/09	03/31/14
Cook, Dane B. (Ph.D.)	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	\$ 326,252	07/01/11	06/30/16
Ashford, J. Wesson (M.D., Ph.D.)	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	01/01/12	12/31/15
Naeser, Margaret (Ph.D.)	Boston, MA	Transcranial, Light-Emitting Diode (LED) Therapy to Improve Cognition in GWVI	Treatment for cognitive difficulties in GW Veterans using light therapy	\$ 774,029	04/01/13	03/31/17
Marx, Christine (Ph.D.)	Durham, NC	Complementary Neurosteroid Intervention in Gulf War Veterans' Illnesses	Treatment for neurological problems and pain, fatigue, and cognitive difficulties in ill GW Veterans	\$ 230,005	04/01/14	03/31/18
Davidson, Dena (Ph.D.)	Temple, TX	RCT of Duloxetine & Pregabalin for the treatment of Gulf War Illness in Veterans	Treatment for pain in ill GW Veterans	\$ 192,377	04/01/14	03/31/18
<b>Biomarkers</b>				<b>\$ 3,322,876</b>		
Kowall, Neil (M.D.)	Boston, MA	VA Gulf War Biorepository	Gulf War ALS Brain and DNA Bank	\$ 115,303	08/01/02	09/30/13
Provenzale, Dawn (M.D.)	Durham, NC	Gulf War Era Cohort and Biorepository (CSP 585)	Gulf War era repository of blood specimens	\$ 2,129,535	04/01/10	09/30/13
Kowall, Neil (M.D.) Christopher Brady (Ph.D.)	Boston, MA	VA Gulf War Veterans' Illnesses Biorepository (CSP 501B)	Gulf War Tissue Bank	\$ 156,224	10/01/10	09/30/13
Georgopoulos, Apostolos (M.D.)	Minneapolis, MN	MEG Synchronous Neural Interactions (SNI) in Gulf War Veterans	Diagnosis of multisymptom illness in GW Veterans using magnetoencephalography	\$ 99,334	10/01/11	03/31/13
Falvo, Michael (M.D.)	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	\$ 162,730	04/01/13	03/31/15
Wylie, Glenn (Ph.D.)	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	\$ 279,149	10/01/13	09/30/16
Weiner, Michael (M.D.) Chao, Linda (Ph.D.)	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	\$ 380,601	10/01/13	09/30/17
<b>Gulf War Veterans Illnesses</b>				<b>\$ 327,378</b>		
Verne, G. Nicholas (M.D.) Zhou, QiQi (M.D., Ph.D.)	Cincinnati, OH	Somatic Hypersensitivity in Veterans with IBS	Evaluation of altered central pain processing in IBS	\$ 159,121	04/01/12	03/31/16
Kinlay, Scott (M.D.)	Boston, MA	Vascular and Skeletal Muscle Function in Gulf War Veterans Illness	Mechanism of muscle fatigue after Gulf War exposures	\$ 168,257	04/01/13	03/31/16

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<b>Model Systems of GW Exposures/Illnesses</b>				<b>\$ 3,017,031</b>		
Greenwood, Beverley (Ph.D., FACG)**	Oklahoma City, OK	Central Mechanisms Modulating Visceral Sensitivity	Central nervous system control of gastrointestinal pain (IBS)	\$ 168,600	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
Hinrichs, David (Ph.D.)**	Portland, OR	Multiple Antigenic Peptides to Alter the Course of Autoimmune Disease	New treatment for MS	\$ 84,300	04/01/10	03/31/14
Elmets, Craig (M.D.)	Birmingham, AL	Host Defense Mechanisms in Polyaromatic Hydrocarbon Compounds	Mechanisms of toxicity of polyaromatic hydrocarbon pollutants	\$ 168,600	10/01/10	09/30/14
Singh, Inderjit (Ph.D.)	Charleston, SC	Neuroprotection and Myelin Repair Mechanisms in Multiple Sclerosis	New treatment for MS	\$ 259,707	10/01/10	09/30/14
Shiromani, Priyattam (Ph.D.)**	Charleston, SC	Sleep Neurobiology and Circuitry	Control of sleep	\$ 168,600	10/01/10	09/30/14
Chase, Michael H.	West Los Angeles, CA	Prevention of Hippocampal Neurodegeneration due to Age and Apnea	New treatment for neurodegenerative effects of sleep apnea	\$ 270,322	01/01/11	12/31/14
Kowall, Neil (M.D.)	Boston, MA	Epigenetic Mechanisms Relevant to the Pathogenesis of ALS	Genetic mechanisms underlying ALS	\$ 168,600	01/01/11	12/31/14
Schlosser, Rodney J. (M.D.)	Charleston, SC	Nanoparticle Coupled Antioxidants for Respiratory Illness in Veterans	Nanoparticle (sand) derived respiratory illness	\$ 168,600	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)	\$ 168,600	04/01/11	03/31/15
Shetty, Ashok (Ph.D.)**	Durham, NC	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	\$ 374,872	01/01/14	12/31/17
Hansen, Deborah A. (Ph.D.)	St. Louis, MO	Gulf War Exposures and the Molecular Mechanisms of Paternal Reproductive Risk	Effects of environmental exposures on male reproductive function	\$ 300,433	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	\$ 195,947	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	\$ 70,250	07/01/14	06/30/17
				<b>\$ 8,548,552</b>		
				<b>Total Distributed by ORD in FY 2014</b>		