

Projected FY2009 ORD Support for Ongoing Gulf War Research Projects

| FullName | VAMC | Title | Focus | Total FY 2009* | Start Date | End Date |
|--|--------------------|--|---|---------------------|---------------|-------------|
| Clinical Trials | | | | \$ 18,196 | | |
| Amin, Mohammad M | Northport, NY | Inspiratory flow dynamics during sleep in GWS & the effect of CPAP | Prevalence and treatment of sleep disturbances in GW veterans | \$ 9,819 | 10/16/05 | 10/15/08 |
| Tuteja, Ashok K. (M.D., M.P.H.) | Salt Lake City, UT | Diarrhea-Predominant Irritable Bowel Syndrome in Persian Gulf Veterans | Treatment of GW veterans with gastrointestinal symptoms | | 01/01/06 | 12/31/09 |
| Lin, Henry C. (M.D.) | Albuquerque, NM | Bacterial Overgrowth Associated with Chronic Multi-Symptom Illness Complex | Treatment of GW veterans with gastrointestinal symptoms | \$ 8,377 | 10/01/08 | 09/30/11 |
| Biomarkers | | | | \$ 7,327,628 | | |
| Flore, Louis D. (MD) | Boston, MA | VA Gulf War Biorepository Trust | Gulf War Brain and DNA Bank | \$ 5,664,976 | 08/01/02 | 09/30/08 |
| Klimas, Nancy G. (M.D.) | Miami, FL | Immunologic Mechanisms and Biomarkers in Gulf War Illness | Immune dysfunction as a mediator of persistent illness in both CFS and ill GW veterans | \$ 56,200 | 01/01/06 | 12/31/09 |
| Molina-Vicenty, Hector D. (M.D.) Blanchard, Melvin (M.D.) Reda, Domenic J. (Ph.D.) | St. Louis, MO | Evaluation of Stress Response Systems in Gulf War Veterans with CMI | Autonomic system and neurohumoral dysregulation in Gulf War veterans | \$ 93,226 | 10/01/04 | 03/31/09 |
| Oddone, Eugene Z. (M.D.) | Durham, NC | Genetic Epidemiology of ALS Veterans | Identify genes that may confer susceptibility to the development of ALS and examine the interplay between environmental exposures and genetic susceptibility to ALS | \$ 377,557 | 07/01/08 | 09/30/12 |
| Pasinetti, Giulio M. (M.D., Ph.D.) | Bronx, NY | Biomarkers Discovery in ALS | Identification of biomarkers for ALS in CSF and serum from Gulf War veterans | \$ 274,432 | 07/01/07 | 06/30/09 |
| Cook, Diane B. (Ph.D.) | East Orange, NJ | Functional Imaging of Pain in Veterans with Unexplained Muscle Pain | Functional imaging of Gulf War veterans with unexplained musculoskeletal pain | \$ 300,782 | 10/01/08 | 09/30/12 |
| Weiner, Michael W. (M.D.) | San Francisco, CA | Effects of Gulf War Illness on Brain Structure, Function and Metabolism: MRI/MRS at 4 Tesla | Magnetic Resonance Imaging (MRI) and Spectroscopy (MRS) of Gulf War veterans | \$ 560,455 | 01/01/05 | 12/31/09 |
| Gulf War Veterans Illnesses | | | | \$ 756,294 | | |
| Li, Mian (M.D., Ph.D.) | Washington, DC | Autonomic Functions of Gulf War Veterans with Unexplained Illnesses | Autonomic dysfunction as an underlying cause of unexplained symptoms in GW veterans | \$ 25,880 | 09/30/06 | 12/31/08 |
| Li, Mian (M.D., Ph.D.) | Washington, DC | Motor Neuron Function of Gulf War Veterans with Excessive Fatigue | Loss or damage of motor nerve cells in GW veterans with muscle and joint pain, muscle spasm, or fatigue | \$ 79,242 | 09/30/06 | 12/31/08 |
| Bach, Ronald R. (Ph.D.) | Minneapolis, MN | Tissue Factor and Gulf War-Associated Chronic Coagulopathies | Impaired blood flow and circulation as a cause of cognitive difficulties, somatic pain, fatigue | \$ 273,861 | 04/01/06 | 9/30/209 |
| Diamond, David M. (Ph.D.) | Tampa, FL | Gulf War-Associated Chronic Coagulopathies: Tissue Factor, Coagulation, and Immune System Activation | Neurobiological basis of memory and development of new therapies for memory storage and retrieval dysfunction | \$ 241,520 | 04/01/05 | 03/31/09 |
| Mitchell T. Wallin (M.D., M.P.H.) | Washington, DC | Effects of Stress on Memory: Brain Circuits, Mechanisms and Therapeutics | Evaluation of the risk of developing MS in GW veterans | \$ 137,791 | 10/01/07 | 09/30/10 |

* Includes 12.4% administrative overhead (all projects except IDIQ Contract)

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| Animal Models of GW Exposures | | | | | | |
| Shetty, Ashok (Ph.D.) | Durham, NC | Behavior of Neural Stem Cells in a Rat Model of GWS | Effects of pyridostigmine bromide, DEET, and permethrin | \$ 273,801 | 04/01/07 | 03/31/10 |
| Mullan, Michael (M.D., Ph.D.) | Tampa, FL | Proteomic Analysis of Cellular Response to Biological Warfare Agents | Effects of pyridostigmine bromide, DEET, and permethrin | \$ 112,400 | 04/01/06 | 03/31/09 |
| Panter, Scott (Ph.D.) | San Francisco, CA | Direct Delivery of Neurotoxins to the Brain by an Intranasal Route | Effects of pyridostigmine bromide, DEET, and permethrin | \$ 195,214 | 01/01/06 | 12/31/09 |
| | | | | \$ 8,685,533 | | |
| | | | | Total Distributed by ORD in FY 2009 | | |
| UTSW Medical center | Dallas, TX | Gulf War Veterans Illnesses' Research IDIQ Contract | | \$ 7,108,530 | | |
| | | | | \$ 15,794,063 | | |
| | | | | Total Distributed (ORD) and Obligated (Contract) in FY 2009 | | |

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