

VA Research Projects on Complementary and Alternative Medicine

| VA Facility | Principal Investigator | Start Date | End Date | FY10 Funds | FY11 Funds | FY12 Funds | FY13 Funds | Project Title |
|---|-------------------------|------------|------------|-------------|-------------|-------------|------------|---|
| Acute and Combat-Related Injury | | | | | | | | |
| San Francisco, CA | Bikle, Daniel D. | 4/1/2011 | 3/31/2015 | \$0 | \$5,905 | \$265,000 | \$150,000 | Role of vitamin D and calcium signaling in wound healing |
| Cleveland, OH | Bogie, Kath M. | 1/1/2010 | 12/31/2012 | \$139,100 | \$346,300 | \$272,100 | \$69,525 | Determination of Physiological Mechanisms for Electrical Wound Therapy |
| Aging, Older Veterans' Health and Care | | | | | | | | |
| Minneapolis, MN | Dysken, Maurice . | 4/1/2005 | 10/1/2013 | \$2,252,827 | \$2,010,238 | \$2,029,702 | \$640,438 | CSP 546 - Trial of Vitamin E and Memantine in Alzheimer's Disease (TEAM-AD) |
| Pittsburgh, PA | Forman, Steven D. | 10/1/2008 | 9/30/2013 | \$0 | \$25,814 | \$49,000 | \$51,000 | Targeted Transcranial Magnetic Stimulation to Decrease Food Craving |
| Sepulveda, CA | Frautschy, Sally A. | 5/1/2013 | 4/30/2016 | \$0 | \$0 | \$0 | \$114,583 | Curcumin and Yoga Exercise Effects in Veterans at Risk for Alzheimer's Disease |
| Little Rock, AR | Kortebein, Patrick . | 10/1/2010 | 9/30/2013 | \$0 | \$2,601 | \$75,000 | \$73,899 | An exercise and nutritional intervention for deconditioned older adults. |
| Miami, FL | Levis, Silvina . | 10/1/2010 | 9/30/2014 | \$0 | \$276,360 | \$266,996 | \$272,775 | Vitamin D in Vulnerable Adults |
| Sepulveda, CA | Martin, Jennifer L. | 1/1/2010 | 6/30/2013 | \$95,325 | \$200,300 | \$178,200 | \$119,075 | Treating Sleep Problems in VA Adult Day Health Care |
| Decatur, GA | Vaughan, Elizabeth C. | 3/1/2012 | 2/28/2017 | \$0 | \$0 | \$114,458 | \$256,011 | Behavioral therapy to treat urinary symptoms in Parkinson's disease |
| Palo Alto, CA | Zeitzer, Jamie M. | 7/1/2013 | 6/30/2015 | \$0 | \$0 | \$0 | \$24,406 | Toileting at Night in Older Adults: Light to Maximize Vision, Minimize Insomnia |
| Autoimmunity, Allergy, and Immunology | | | | | | | | |
| Hines, IL | McGuire, Susan . | 7/1/2010 | 6/30/2013 | \$29,700 | \$257,500 | \$286,400 | \$247,100 | Freeze-Dried Blueberries: Prevention and Rehabilitation Strategies in MS |
| Portland, OR | Salinthonne, Sonemany . | 1/1/2013 | 12/31/2016 | \$0 | \$0 | \$0 | \$252,210 | Elucidating the mechanisms that mediate the effects of lipoic acid in MS |
| Portland, OR | Spain, Rebecca . | 11/1/2010 | 10/31/2015 | \$0 | \$254,741 | \$276,790 | \$258,447 | Lipoic Acid for Neuroprotection in Secondary Progressive MS |
| Memphis, TN | Stuart, John M. | 10/1/2012 | 9/30/2016 | \$0 | \$0 | \$0 | \$730,000 | Program Project for Mechanisms and Treatment of Arthritis |
| Brain and Spinal Cord Injuries and Disorders | | | | | | | | |
| Durham, NC | Acheson, Shawn . | 10/1/2011 | 9/30/2016 | \$0 | \$0 | \$227,983 | \$200,573 | Novel Prophylactic Pharmacotherapy in an Animal Model of Closed Head Injury |

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| Palo Alto, CA | Ashford, John W. | 10/1/2012 | 9/30/2016 | \$0 | \$0 | \$0 | \$275,000 | rTMS for the Treatment of Chronic Pain in GW1 Veterans |
| Portland, OR | Bourdette, Dennis N. | 10/1/2009 | 9/30/2013 | \$199,400 | \$150,000 | \$150,000 | \$150,000 | Lipoic Acid Therapy for Experimental Autoimmune Encephalomyelitis |
| Miami, FL | Bramlett, Helen . | 10/1/2010 | 9/30/2014 | \$0 | \$181,442 | \$182,386 | \$216,066 | Novel Treatment Strategies for Targeting Posttraumatic Epilepsy |
| Decatur, GA | Huang, Wei . | 10/1/2010 | 9/30/2015 | \$0 | \$302,744 | \$316,220 | \$305,885 | Novel Approaches to Sleep Difficulties: Application in Mild TBI |
| Hines, IL | McGuire, Susan . | 11/1/2012 | 10/31/2014 | \$0 | \$0 | \$0 | \$91,667 | Freeze-dried Fruit: Prevention and Rehabilitation Strategies in TBI |
| Pittsburgh, PA | Weber, Douglas J. | 1/1/2011 | 12/31/2013 | \$0 | \$265,143 | \$352,024 | \$352,024 | Enhancement of Motor Cortex Activity in Persons with Spinal Cord Injury |
| Cancer | | | | | | | | |
| Indianapolis, IN | Antony, Asok C. | 1/1/2013 | 12/31/2016 | \$0 | \$0 | \$0 | \$157,656 | Mechanism of Folate Deficiency as a Co-Factor for HPV16-induced Carcinogenesis |
| West Los Angeles, CA | Aronson, William J. | 4/1/2008 | 3/31/2013 | \$149,900 | \$149,900 | \$149,900 | \$74,950 | Effect of Weight Loss on Prostate Cancer Pathology |
| San Antonio, TX | Chatterjee, Bandana . | 10/1/2009 | 9/30/2013 | \$322,723 | \$282,598 | \$282,598 | \$214,179 | Vitamin D3, Interference with Androgen Signal and Inhibition of Prostate Cancer |
| San Francisco, CA | Dahiya, Rajvir . | 10/1/2011 | 9/30/2015 | \$0 | \$0 | \$375,693 | \$322,843 | Genistein, microRNAs and kidney cancer |
| Charleston, SC | Gattoni-Celli, Sebastiano . | 1/1/2010 | 12/31/2012 | \$174,000 | \$225,899 | \$225,899 | \$71,997 | Vitamin D Supplementation in Veterans with Early-Stage Prostate Cancer |
| Charleston, SC | Gattoni-Celli, Sebastiano . | 1/1/2013 | 12/31/2017 | \$0 | \$0 | \$0 | \$174,850 | Vitamin D3 Supplementation for Low-Risk Prostate Cancer: A Randomized Trial |
| Boston, MA | Gaziano, Michael J. | 7/1/2000 | 10/1/2013 | \$234,116 | \$1,196,398 | \$0 | | Selenium and Vitamin E Cancer Prevention Trial |
| Ann Arbor, MI | Kakarala, Madhuri . | 10/1/2012 | 10/2/2012 | \$0 | \$0 | \$0 | | Curcumin and Piperine in Breast Cancer Prevention Targeting Stem Cells |
| Birmingham, AL | Katiyar, Santosh K. | 4/1/2012 | 3/31/2016 | \$0 | \$0 | \$100,000 | \$150,000 | Prevention of photocarcinogenesis by dietary immunomodulation |
| Birmingham, AL | Katiyar, Santosh K. | 4/1/2008 | 3/31/2012 | \$125,000 | \$125,000 | \$62,500 | | Prevention of photocarcinogenesis by dietary immunomodulation |
| San Antonio, TX | Kumar, Addanki P. | 10/1/2010 | 9/30/2013 | \$0 | \$265,326 | \$217,507 | \$219,755 | Akt/CREB signaling: Target for prostate cancer |

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| Seattle, WA | Lin, Daniel W. | 6/1/2005 | 9/30/2013 | \$2,630,009 | \$2,042,059 | \$1,607,188 | \$924,938 | CSP 553 - Adjuvant Therapy For High Risk Prostate Carcinoma: Docetazel & High Dose Calcitriol (DECAL) |
| Detroit, MI | Majumdar, Adhip N. | 4/1/2009 | 3/31/2013 | \$340,523 | \$342,890 | \$342,277 | \$310,818 | Targeting Multiple Signaling in Colon Cancer with Curcumin and Dasatinib |
| Albuquerque, NM | Mao, Jenny T. | 10/1/2013 | 9/30/2016 | \$0 | \$0 | \$0 | | The Effects of Grape Seed Extract Against Lung Cancer |
| Brockton, MA | Moye, Jennifer A. | 4/1/2011 | 3/31/2013 | \$0 | \$49,100 | \$101,400 | \$43,100 | Yoga Cancer Rehabilitation Study |
| Chicago, IL | Murphy, Adam B. | 7/1/2013 | 6/30/2018 | \$0 | \$0 | \$0 | \$46,979 | Biological & Environmental Mediators of Vitamin D and Aggressive Prostate Cancer |
| Ann Arbor, MI | Ramnath, Nithya | 7/1/2010 | 6/30/2013 | \$37,493 | \$149,972 | \$147,525 | \$105,132 | The role of Vitamin D metabolism in Non-Small Cell Lung Cancer |
| Palo Alto, CA | Sheikh, Javaid I. | 6/1/2005 | 9/30/2013 | \$2,630,009 | \$2,042,059 | \$1,607,188 | \$924,938 | CSP 553 - Adjuvant Therapy For High Risk Prostate Carcinoma: Docetazel & High Dose Calcitriol (DECAL) |
| Charleston, SC | Young, M. Rita I. | 10/1/2009 | 9/30/2014 | \$274,060 | \$246,200 | \$248,989 | \$199,975 | Vitamin D Plus Celecoxib Therapy to Stimulate Intratumoral Immune Reactivity |
| Cardiovascular Disease | | | | | | | | |
| Phoenix, AZ | Dev, Sandesh . | 4/1/2013 | 3/31/2014 | \$0 | \$0 | \$0 | \$53,925 | Pre-Implementation Study of Spironolactone Appropriateness and Safety Monitoring |
| Long Beach, CA | Kashyap, Moti L. | 4/1/2011 | 3/31/2015 | \$0 | \$85,300 | \$149,600 | \$149,600 | Novel mechanisms of niacin to improve HDL function: Role of myeloperoxidase |
| St. Louis, MO | Martin, Wade H. | 10/1/2010 | 9/30/2014 | \$0 | \$146,039 | \$146,039 | \$149,211 | Arm Exercise versus Other Stress Test Modalities for Clinical Outcome Prediction |
| Baltimore, MD | Miller, Michael . | 1/1/2010 | 12/31/2014 | \$142,434 | \$123,245 | \$123,245 | \$123,245 | Comparative Effects of Two Popular Diets in Veterans with the Metabolic Syndrome |
| Hines, IL | Saban, Karen . | 7/1/2013 | 6/30/2017 | \$0 | \$0 | \$0 | \$108,949 | Mindfulness Based Stress Reduction for Women at Risk for Cardiovascular Disease |
| Diabetes and Related Disorders | | | | | | | | |
| Chicago, IL | Barengolts, Elena I. | 7/1/2011 | 6/30/2016 | \$0 | \$37,493 | \$149,953 | \$149,900 | Vitamin D deficiency and treatment in male veterans at risk for diabetes |

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| San Antonio, TX | Fanti, Paolo . | 1/1/2011 | 12/31/2014 | \$0 | \$112,500 | \$150,000 | \$150,000 | Correction of glutathione deficiency for treatment of diabetic nephropathy |
| Salt Lake City, UT | McClain, Donald A. | 4/1/2011 | 3/31/2015 | \$0 | \$115,900 | \$149,600 | \$149,800 | Iron, Metabolic Regulation and Type 2 Diabetes Risk |
| Milwaukee, WI | Patel, Shailendra B. | 10/1/2010 | 9/30/2014 | \$0 | \$240,000 | \$150,000 | \$150,000 | Regulation of Metabolism by Dietary Sterols |
| Columbia, MO | Sowers, James R. | 4/1/2013 | 3/31/2017 | \$0 | \$0 | \$0 | \$125,000 | Interactions of the RAAS and a Western Diet on Insulin Metabolic Actions |
| Digestive Diseases | | | | | | | | |
| Long Beach, CA | Said, Hamid M. | 7/1/2012 | 6/30/2016 | \$202,336 | \$201,934 | \$289,192 | \$369,834 | Intestinal Vitamin B2 Absorption: Molecular/Cellular Aspects and Effects of Alcohol |
| Health Systems | | | | | | | | |
| Charleston, SC | Magruder, Kathryn M. | 8/1/2009 | 7/31/2013 | \$350,100 | \$250,439 | \$93,705 | \$89,577 | Patient and Provider Outcomes of E-Learning Training in CAMS |
| Infectious Diseases | | | | | | | | |
| Madison, WI | Safdar, Nasia . | 10/1/2011 | 9/30/2016 | \$0 | \$0 | \$196,200 | \$146,200 | Impact of PRObiotics for reducing infections in VEterans: The IMPROVE Study |
| Kidney Disorders | | | | | | | | |
| Bronx, NY | Post, James B. | 7/1/2011 | 6/30/2013 | \$0 | \$20,353 | \$80,065 | \$61,062 | Vitamin D Supplementation on Physical and Cognitive Function-Pilot Study |
| Lung Disorders | | | | | | | | |
| Decatur, GA | Guidot, David M. | 10/1/2010 | 9/30/2014 | \$0 | \$162,000 | \$150,000 | \$150,000 | The mechanisms by which alcohol and HIV render the lung susceptible to injury |
| Decatur, GA | Mehta, Ashish J. | 1/1/2013 | 12/31/2017 | \$0 | \$0 | \$0 | \$192,925 | Alcohol abuse, oxidative stress, and zinc deficiency in lung disease |
| Mental, Cognitive and Behavioral Disorders | | | | | | | | |
| San Diego, CA | Bormann, Jill E. | 1/1/2012 | 3/31/2014 | \$0 | \$0 | \$340,889 | \$568,250 | Portable Mantram Meditation for Veterans with Military Related PTSD |
| Tuscaloosa, AL | Davis, Lori L. | 1/1/2012 | 3/31/2014 | \$0 | \$0 | \$239,263 | \$479,809 | A Multisite Randomized Controlled Trial of Mindfulness Meditation Therapy for PTS |
| Indianapolis, IN | Davis, Louanne W. | 7/1/2010 | 6/30/2014 | \$38,514 | \$205,483 | \$239,683 | \$231,098 | Effects of Mindfulness-Based Cognitive-Behavioral Conjoint Therapy on Traumatic Stress and Relationship Function |

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| Indianapolis, IN | Davis, Louanne W. | 10/1/2010 | 9/30/2013 | \$0 | \$125,164 | \$125,164 | \$125,164 | Effects of Mindfulness-Based Conjoint CBT and PTSD |
| Cleveland, OH | Jaskiw, George E. | 7/1/2009 | 12/31/2013 | \$200,000 | \$150,000 | \$150,000 | \$80,750 | Tyrosine Availability Influences Mesocortico-Limbic Catecholamines |
| Decatur, GA | Kelly, Ursula A. | 8/1/2013 | 7/31/2014 | \$0 | \$0 | \$0 | | Yoga for female veterans with PTSD symptoms and military sexual trauma exposure |
| East Orange, NJ | Kline, Anna . | 8/1/2013 | 7/31/2017 | \$0 | \$0 | \$0 | \$22,090 | Mindfulness-Based Cognitive Therapy for Preventing Suicide in Military Veterans |
| Minneapolis, MN | Lim, Kelvin O. | 1/1/2012 | 6/30/2014 | \$0 | \$0 | \$222,057 | \$467,024 | Meditation Interventions for Treatment of PTSD in Veterans |
| Tampa, FL | McGovern, Stephanie . | 5/1/2011 | 4/30/2014 | \$0 | \$534,281 | \$415,749 | \$810,100 | Service Dogs for Veterans with PTSD: A Randomized Clinical Trial |
| Palo Alto, CA | Rosen, Allyson C. | 10/1/2013 | 9/30/2017 | \$0 | \$0 | \$0 | | MRI Analysis of Coil Position to Improve the rTMS Treatment of Depression |
| Temple, TX | Shetty, Ashok . | 9/30/2011 | 12/31/2015 | \$0 | \$0 | \$237,500 | \$250,000 | Memory and Mood Enhancing Therapies for Gulf War Illness |
| San Antonio, TX | Stern, Stephen L. | 9/1/2012 | 3/31/2015 | \$0 | \$0 | \$67,100 | \$46,948 | A Study of Dog Adoption in Veterans with Posttraumatic Stress Disorder |
| Palo Alto, CA | Yesavage, Jerome A. | 6/1/2008 | 9/30/2015 | \$1,753,831 | \$1,032,540 | \$1,751,605 | \$1,787,831 | CSP 556- The Effectiveness of rTMS in Depressed VA Patients |
| Columbia, SC | Youngstedt, Shawn D. | 1/1/2009 | 12/31/2011 | \$181,740 | \$182,970 | \$94,184 | \$16,083 | Bright Light: An Adjunct Treatment for Combat PTSD |
| Musculoskeletal Disorders | | | | | | | | |
| Indianapolis, IN | Bair, Matthew J. | 7/1/2013 | 6/30/2017 | \$0 | \$0 | \$0 | \$65,494 | Pain Outcomes comparing Yoga versus Structured Exercise (POYSE) Trial |
| Madison, WI | Cook, Dane B. | 7/1/2011 | 6/30/2016 | \$0 | \$92,675 | \$180,525 | \$344,260 | Impact of exercise training on pain and brain function in Gulf War Veterans |
| San Diego, CA | Groessler, Erik J. | 10/1/2012 | 9/30/2016 | \$0 | \$0 | \$0 | \$169,032 | Yoga Therapy to Improve Function Among Veterans with Chronic Low Back Pain |
| Miami, FL | Howard, Guy A. | 7/1/2012 | 6/30/2016 | \$0 | \$0 | \$37,487 | \$291,083 | Human Osteoprogenitor Control by Hepatocyte Growth Factor and Vitamin D |
| Indianapolis, IN | Matthias, Marianne S. | 1/1/2013 | 12/31/2013 | \$0 | \$0 | \$0 | \$69,579 | Improving Pain using Peer RE-inforced Self-management Skills (IMPPRESS) |

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| Loma Linda, CA | Mohan, Subburaman . | 4/1/2012 | 3/31/2016 | \$0 | \$0 | \$123,256 | \$300,613 | Nrf1 Molecular Pathway, Vitamin C Deficiency, and Spontaneous Fractures |
| Boston, MA | Spector, Myron . | 3/1/2011 | 2/28/2015 | \$125,258 | \$302,565 | \$426,766 | \$319,252 | Extracorporeal Shock Wave-Stimulated Periosteum for Bone Reconstruction |
| Miami, FL | Troen, Bruce R. | 4/1/2011 | 3/31/2015 | \$0 | \$118,095 | \$148,662 | \$149,613 | Differential Impact of Resveratrol and Resveratrol Mimetics Upon Aging Bone |
| Pittsburgh, PA | Weiner, Debra K. | 7/1/2009 | 9/30/2013 | \$225,600 | \$238,600 | \$227,200 | \$0 | Efficacy of Periosteal Stimulation & Boosters for Advanced Knee OA Pain |
| Neurodegenerative Diseases | | | | | | | | |
| Portland, OR | Chung, Kathryn A. | 10/1/2012 | 9/30/2014 | \$0 | \$0 | \$0 | \$78,849 | Reducing Dyskinesia in Parkinson Disease with Omega-3 Fatty Acids |
| Portland, OR | Meshul, Charles K. | 1/1/2013 | 12/31/2016 | \$0 | \$0 | \$0 | \$162,400 | Progressive dopamine loss:effect of exercise on striatal and nigral glutamate |
| Portland, OR | Peterson, Amie . | 11/1/2010 | 10/31/2015 | \$0 | \$204,508 | \$221,691 | \$220,849 | The Effects of Vitamin D on Balance in Persons with Parkinson's Disease |
| Other Conditions | | | | | | | | |
| Portland, OR | Taylor-Young, Patricia . | 2/1/2012 | 5/31/2014 | \$0 | \$0 | \$14,389 | \$25,796 | Acupuncture for Symptom Management in Veterans with Hepatitis C |
| Durham, NC | Yancy, William S. | 10/1/2010 | 9/30/2013 | \$0 | \$321,700 | \$342,000 | \$343,300 | Considering Patient Diet Preference to Optimize Weight Loss |
| Sensory Loss | | | | | | | | |
| Portland, OR | Folmer, Robert L. | 1/1/2011 | 12/31/2014 | \$0 | \$672,166 | \$238,704 | \$245,039 | Clinical Trial of Transcranial Magnetic Stimulation for Relief of Tinnitus |
| | | | | \$12,853,998 | \$17,072,439 | \$18,182,396 | \$18,782,328 | |