

CONGRESSIONALLY DIRECTED MEDICAL RESEARCH PROGRAM

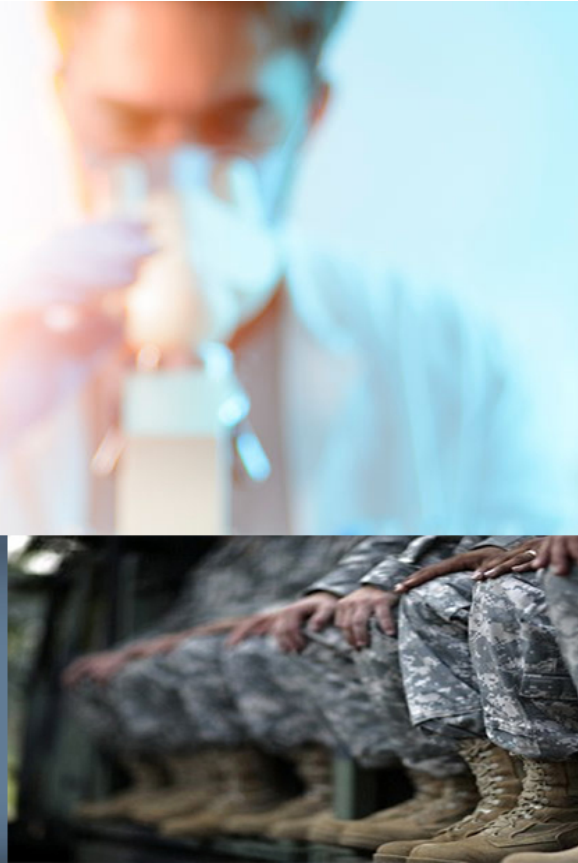
Outlined in the Fiscal Year (FY) 2017 Defense Appropriations Bill

Congressionally Directed Medical Research Programs

CDMRP



Department of Defense



Updated March 6, 2017

The Congressionally Directed Medical Research Program is an office within the US Army Medical Research and Materiel Command that administers competitive grant programs for certain medical research programs that are funded by Congress in the annual Department of Defense appropriation.

The US House of Representatives Committee on Appropriations – Defense Subcommittee (HAC-D) appropriations request for fiscal year (FY) 2017 details several new programs and funding level changes from previous years. For additional details or questions about how McAllister & Quinn can help your organization compete for funding, contact:

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Summary of Funding Levels

<i>Research Program</i>	<i>FY14 Enacted (USD, millions)</i>	<i>FY15 Enacted (USD, millions)</i>	<i>FY16 Enacted (USD, millions)</i>	<i>FY17 HAC-D Final (USD, millions)</i>	<i>Final Change, FY17-FY16 (USD, millions)</i>
<i>Alcohol and Substance Abuse</i>	\$4.0	\$4.0	\$4.0	\$4.0	\$0.0
<i>Amyotrophic Lateral Sclerosis</i>	\$7.5	\$7.5	\$7.5	\$7.5	\$0.0
<i>Autism</i>	\$6.0	\$6.0	\$7.5	\$7.5	\$0.0
<i>Bone Marrow Failure</i>	\$3.2	\$3.2	\$3.0	\$3.0	\$0.0
<i>Breast Cancer</i>	\$120.0	\$120.0	\$120.0	\$120.0	\$0.0
<i>Duchenne Muscular Dystrophy</i>	\$3.2	\$3.2	\$3.2	\$3.2	\$0.0
<i>Defense Medical Research and Development</i>	\$363.1	\$130.9	\$299.6	TBD	N/A
<i>Epilepsy</i>	\$0.0	\$7.5	\$7.5	\$7.5	\$0.0
<i>Gulf War Illness</i>	\$20.0	\$20.0	\$20.0	\$20.0	\$0.0
<i>Hearing Restoration Research</i>	\$0.0	\$0.0	\$0.0	\$10.0	\$10.0
<i>Joint Warfighter Medical</i>	\$100.0	\$50.0	\$50.0	\$50.0	\$0.0
<i>Kidney Cancer</i>	\$0.0	\$0.0	\$0.0	\$10.0	\$10.0
<i>Lung Cancer</i>	\$10.5	\$10.5	\$12.0	\$12.0	\$0.0
<i>Lupus Research</i>	\$0.0	\$0.0	\$0.0	\$5.0	\$5.0
<i>Military Burn</i>	\$8.0	\$8.0	\$8.0	\$8.0	\$0.0
<i>Multiple Sclerosis</i>	\$5.0	\$5.0	\$6.0	\$6.0	\$0.0
<i>Neurofibromatosis</i>	\$15.0	\$15.0	\$15.0	\$15.0	\$0.0
<i>Neurotoxin Exposure Treatment</i>	\$16.0	\$16.0	\$16.0	\$16.0	\$0.0
<i>Parkinson's</i>					
<i>Orthotics and Prosthetics Outcomes</i>	\$10.0	\$10.0	\$10.0	\$10.0	\$0.0
<i>Ovarian Cancer</i>	\$20.0	\$20.0	\$20.0	\$20.0	\$0.0
<i>Peer Reviewed Alzheimer's</i>	\$12.0	\$12.0	\$15.0	\$15.0	\$0.0
<i>Peer Reviewed Cancer</i>	\$25.0	\$50.0	\$50.0	\$60.0	\$10.0
<i>Peer Reviewed Medical</i>	\$200.0	\$247.5	\$278.7	\$300.0	\$21.3
<i>Peer Reviewed Orthopaedic</i>	\$30.0	\$30.0	\$30.0	\$30.0	\$0.0
<i>Prostate Cancer</i>	\$80.0	\$80.0	\$80.0	\$90.0	\$10.0
<i>Psychological Health/Traumatic Brain Injury</i>	\$125.0	\$125.0	\$125.0	\$125.0	\$0.0
<i>Reconstructive Transplant Research</i>	\$15.0	\$15.0	\$12.0	\$12.0	\$0.0
<i>Spinal Cord Injury</i>	\$30.0	\$30.0	\$30.0	\$30.0	\$0.0
<i>Tick-Borne Disease Research</i>	\$0.0	\$0.0	\$5.0	\$5.0	\$0.0
<i>Trauma Clinical</i>	\$5.0	\$0.0	\$10.0	\$10.0	\$0.0
<i>Tuberous Sclerosis Complex</i>	\$6.0	\$6.0	\$6.0	\$6.0	\$0.0
<i>Vision</i>	\$10.0	\$10.0	\$10.0	\$15.0	\$5.0

New Programs in the FY17 HAC-D Appropriations Bill

The HAC-D **Hearing Restoration Research Program** (HRRP) funding request is \$10,000,000 for FY17.

The HAC-D **Kidney Cancer Research Program** (KCRP) funding request is \$10,000,000 for FY17. Kidney Cancer research was previously contained within the Peer Reviewed Cancer Research Program; the HAC-D FY17 Appropriations Bill requests to create a new Kidney Cancer Research Program.

The HAC-D **Lupus Research Program** (LRP) funding request is \$5,000,000 for FY17.

Funding Increases in the FY17 HAC-D Appropriations Bill

The HAC-D **Peer Reviewed Cancer Research Program** (PRCRP) funding request is \$60,000,000 for FY17, which is an increase of \$10,000,000 above the FY16 level. Kidney Cancer research has previously fallen under the PRCRP; the HAC-D FY17 Appropriations Bill requests to create a new Kidney Cancer Research Program. In FY17, the PRCRP is directed to support research in the following areas:

- Bladder cancer
- Brain Cancer
- Colorectal cancer
- Immunotherapy
- Listeria-based regimens for cancer
- Liver cancer
- Lymphoma
- Melanoma and other skin cancers
- Mesothelioma
- Neuroblastoma
- Pancreatic cancer
- Pediatric brain tumors
- Stomach cancer
- Cancer in children, adolescents, and young adults

The HAC-D **Peer Reviewed Medical Research Program** (PRMRP) funding request is \$300,000,000 for FY17, which is an increase of \$21,300,000 above the FY16 level. The goal of the PRMRP is to identify and select military health-related research of exceptional scientific merit. Topic areas vary annually. In FY17, the PRMRP will support 48 topic areas, which is an increase over the 39 topic areas supported in FY16. In FY17, the PRMRP is directed to support research in the following areas:

- Acute lung injury
- Antimicrobial resistance
- Arthritis
- Burn pit exposure
- Chronic migraine and post-traumatic headache
- Congenital heart disease
- Constrictive bronchiolitis
- Diabetes
- Diarrheal diseases
- Dystonia
- Early trauma thermal regulation
- Eating disorders
- Emerging infectious diseases
- Epidermolysis bullosa
- Focal segmental glomerulosclerosis
- Fragile X
- Guillain-Barre syndrome
- Hepatitis B and C
- Hereditary angioedema
- Hydrocephalus
- Immunomonitoring of intestinal transplants
- Inflammatory bowel diseases
- Influenza
- Integrative medicine
- Interstitial cystitis
- Malaria
- Metals toxicology
- Mitochondrial disease
- Musculoskeletal disorders
- Nanomaterials for bone regeneration
- Non-opioid pain management
- Pancreatitis
- Pathogen-inactivated dried cryoprecipitate
- Polycystic kidney disease
- Post-traumatic osteoarthritis
- Pulmonary fibrosis
- Respiratory health

- Rett syndrome
- Rheumatoid arthritis
- Scleroderma
- Sleep disorders
- Spinal muscular atrophy
- Sustained-release drug delivery
- Tinnitus
- Tuberculosis
- Vaccine development for infectious disease
- Vascular malformations
- Women's heart disease

The HAC-D **Prostate Cancer Research Program** (PCRP) funding request is \$90,000,000 for FY17, which is an increase of \$10,000,000 above the FY16 level. The mission of the PCRP is to fund research that will lead to the elimination of death from prostate cancer and enhance the well-being of men experiencing the impact of the disease.

The HAC-D **Vision Research Program** (VRP) funding request is \$15,000,000 for FY17, which is an increase of \$5,000,000 above the FY16 level. The vision of the VRP is to improve the care of military personnel affected by eye injuries and diseases by identifying clinical needs and addressing them through directed medical research efforts.

Consistent Funding in the FY17 HAC-D Appropriations Bill

The HAC-D **Alcohol and Substance Abuse Disorders Research Program** (ASADRP) funding request is \$4,000,000 for FY17, which is consistent with the FY16 level. The mission of the ASADRP is to explore new opportunities to address alcohol and substance abuse disorders, especially related to TBI and post-traumatic stress disorder (PTSD), through multidisciplinary, team-based research efforts that translate basic knowledge into enhanced clinical protocols.

The HAC-D **Amyotrophic Lateral Sclerosis Research Program** (ALSRP) funding request is \$7,500,000 for FY17, which is consistent with the FY16 level. The mission of the ALSRP is to fund innovative pre-clinical research to develop new treatments for ALS.

The HAC-D **Autism Research Program** (ARP) funding request is \$7,500,000 for FY17, which is consistent with the FY16 level. The mission of the ARP is to promote innovative research that advances the understanding of autism spectrum disorders and leads to improved outcomes.

The HAC-D **Bone Marrow Failure Research Program** (BMFRP) funding request is \$3,000,000 for FY17, which is consistent with the FY16 level. The mission of the BMFRP is to encourage and support innovative research that is committed to advancing the understanding of inherited and acquired bone marrow failure syndromes, thereby improving the health of affected individuals, with the ultimate goals of prevention and cure.

The HAC-D **Breast Cancer Research Program** (BCRP) funding request is \$120,000,000 for FY17, which is consistent with the FY16 level. The mission of the BCRP is to end breast cancer by funding innovative, high-impact research through a partnership of scientists and consumers.

The HAC-D **Duchenne Muscular Dystrophy Research Program** (DMDRP) funding request is \$3,200,000 for FY17, which is consistent with the FY16 level. The mission of the DMDRP is to support research to accelerate the development and clinical testing of new therapeutics and increase our understanding of successes and failures of therapeutics in clinical trials.

The HAC-D ***Epilepsy Research Program*** (ERP) funding request is \$7,500,000 for FY17, which is consistent with the FY16 level. The mission of the ERP is to fund research to understand the magnitude and the underlying mechanisms of post-traumatic epilepsy, especially in Service members and Veterans.

The HAC-D ***Gulf War Illness Research Program*** (GWIRP) funding request is \$20,000,000 for FY17, which is consistent with the FY16 level. The mission of the GWIRP is to fund innovative Gulf War Illness research to identify effective treatments, improve definition and diagnosis, and better understand pathobiology and symptoms.

The HAC-D ***Joint Warfighter Medical Research Program*** (JWMP) funding request is \$50,000,000 for FY17, which is consistent with the FY16 level. The mission of the JWMP is to accelerate research and development projects that have the potential to close high priority Department of Defense medical capability gaps. In the FY17 HAC-D Appropriations Bill, the HAC-D Committee specifies that funding shall not be used for new projects nor for basic research.

The HAC-D ***Lung Cancer Research Program*** (LCRP) funding request is \$12,000,000 for FY17, which is consistent with the FY16 level. The mission of the LCRP is to support and integrate research from multiple disciplines for risk assessment, prevention, early detection, diagnosis, and treatment for the control and cure of lung cancer.

The HAC-D ***Military Burn Research Program*** (MBRP) funding request is \$8,000,000 for FY17, which is consistent with the FY16 level. The mission of the MBRP is to identify and address the traumas of burn, especially those combat-related injuries that affect the military population.

The HAC-D ***Multiple Sclerosis Research Program*** (MSRP) funding request is \$6,000,000 for FY17, which is consistent with the FY16 level. The mission of the MSRP is to support pioneering concepts and high impact research relevant to the prevention, etiology, pathogenesis, assessment and treatment of multiple sclerosis.

The HAC-D ***Neurofibromatosis Research Program*** (NFRP) funding request is \$15,000,000 in FY17, which is consistent with the FY16 level. The mission of the NFRP is to promote research directed toward the understanding, diagnosis, and treatment of neurofibromatosis (NF) 1, NF2, and schwannomatosis to enhance the quality of life for persons with those diseases.

The HAC-D ***Neurotoxin Exposure Treatment Parkinson's Research Program*** (NETPR) funding request is \$16,000,000 in FY17, which is consistent with the FY16 level. The overall goals of the NETPR are to develop means to correlate risk factors and dysfunction associated with Parkinson's disease (PD); develop means to identify risk factors for subsets of the affected population; correlate clinical phenotype and molecular underpinning; and develop candidate therapeutics, based on identified molecular pathway intervention points, to halt progression and extend quality of life for the at-risk population.

The HAC-D ***Orthotics and Prosthetics Outcomes Research Program*** (OPORP) funding request is \$10,000,000 for FY17, which is consistent with the FY16 level. The goal of the OPORP is to improve our understanding and ultimately advance the implementation of the most effective prescriptions for prosthetic and orthotic devices, treatment, rehabilitation, and secondary health effect prevention options for patients, clinicians, other caregivers, and policymakers.

The HAC-D **Ovarian Cancer Research Program** (OCRCP) funding request is \$20,000,000 for FY17, which is consistent with the FY16 level. The mission of the OCRCP is to support patient-centered research to prevent, detect, treat, and cure ovarian cancer.

The HAC-D **Peer Reviewed Alzheimer's Research Program** (PRARP) funding request is \$15,000,000 for FY17, which is consistent with the FY16 level. The PRARP is devoted to understanding the association between traumatic brain injury and Alzheimer's disease; and reducing the burden on affected individuals and caregivers, especially in the military and Veteran communities.

The HAC-D **Peer Reviewed Orthopedic Research Program** (PRORP) funding request is \$30,000,000 for FY17, which is consistent with the FY16 level. The mission of the PRORP is to address the most significant gaps in care for the leading burden of injury and loss of fitness for military duty by funding innovative, high-impact, clinically relevant research to advance optimal treatment and rehabilitation from musculoskeletal injuries sustained during combat or combat-related activities. In the FY17 HAC-D Appropriations Bill, the Committee encourages the support of research at the intersection of bioengineering, neuroscience, and rehabilitation to support neural interfaces to peripheral nerves and advanced prosthetics that deliver more functionality to amputees.

The HAC-D **Psychological Health/Traumatic Brain Injury Research Program** (PH/TBIRP) funding request is \$125,000,000 for FY17, which is consistent with the FY16 level. The mission of the PH/TBIRP is to establish, fund, and integrate both individuals and multi-agency research efforts that will lead to improved prevention, detection, and treatment of PH and TBI.

The HAC-D **Reconstructive Transplant Research Program** (RTRP) funding request is \$12,000,000 for FY17, which is consistent with the FY16 level. Research is expected to allow for the refinement of approaches for hand, face, and other vascularized composite tissue allografts, as well as the transplants of skin, muscle, tendon, nerves, bone, and blood vessels. In the FY17 HAC-D Appropriations Bill, the HAC-D Committee encourages the promotion of multi-institutional collaboration among clinicians and research scientists to accelerate the advancement of innovative ideas in reconstructive transplantation into clinical applications.

The HAC-D **Spinal Cord Injury Research Program** (SCIRP) funding request is \$30,000,000 for FY17, which is consistent with the FY16 level. The mission of the SCIRP is to fund research and foster collaborative environments for the development and translation of more effective strategies to improve the health and well-being of Service members, Veterans, and other individuals with SCI. In the FY17 HAC-D Appropriations Bill, the Committee expresses concern that not enough funding is being directed to projects that are at the advanced research or translational research stages. The Committee encourages the funding of projects at more advanced stages of research and development that focus on finding a cure for paralysis.

The HAC-D **Tick-Borne Disease Research Program** (TBDRP) funding request is \$5,000,000 for FY17, which is consistent with the FY16 level. The mission of the TBDRP is to understand the pathogenesis of Lyme disease and other tick-borne illnesses and to deliver innovative solutions to prevent, diagnose, and treat their manifestations for the benefit of US Service members and the American public.

The HAC-D **Trauma Clinical Research Program** (TCRP) funding request is \$10,000,000 for FY17, which is consistent with the FY16 level. In the FY17 HAC-D Appropriations Bill, the Committee acknowledges that the

Department of Defense is creating a coordinated, multi-institution, clinical research network of civilian and military trauma centers to address the military relevant priorities and gaps in trauma care. The Committee supports this consortium and recommends additional funding to advance the continued research of traumatic injuries.

The HAC-D **Tuberous Sclerosis Complex Research Program** (TSCRCP) funding request is \$6,000,000 for FY17, which is consistent with the FY16 level. The mission of the TSCRCP is to encourage innovative research aimed at understanding the pathogenesis, and preventing and treating the manifestations of tuberous sclerosis complex.

Additional CDMRP Programs

Funding for the FY17 **Defense Medical Research and Development Program** (DMRDP) is not specified in the FY17 HAC-D Appropriations Bill. The DMRDP was funded at \$130,900,000 in FY15. The mission of the DMRDP is to provide full life-cycle operational execution management for Defense Health Program core research program areas in support of advancing collaborative, innovative medical research and development to improve military community health and save lives on and off the battlefield.



About McAllister & Quinn

McAllister & Quinn provides clients with comprehensive, personalized services to help them execute and exceed their short- and long-term strategic priorities. McAllister & Quinn is recognized as a field leader and has a proven track record of delivering tangible results for clients.