DWFP Competitive Grants 2004-2016: total 77 Awards		
ORGANIZATION	**PURPOSE**	**Org***
FY 2004: 8 Awards		
Disease Vector Ecology & Control Center, U.S. Navy, Jacksonville, FL	Diesel ULV sprayer conversion and development	M
Disease Vector Ecology & Control Center, U.S. Navy, Jacksonville, FL	Unmanned aerial vehicle for mosquito control	M
Montana State University, Bozeman, MT	Comparative risk analyses and risk assessments	A
Stratacor, Inc., Richmond, CA	Repellent synergist development	D
Texas Tech University, Lubbock, TX	Hollow fiber impregnated textiles for permethrin	A
University of Florida, Gainesville, FL	Filth and biting fly control	A
Walter Reed Army Institute of Research, Silver Spring, MD	Integrated sand fly control in Iraq	M
Walter Reed Army Institute of Research, Silver Spring, MD	Sand fly control and colony development	M
FY 2005: 7 Awards		
Hebrew University, Jerusalem, Israel	Novel sand fly control practices at military camps in desert conditions	A
Louisiana State University, Baton Rouge, LA	Targeted sand fly control using rodent feed-through insecticides	A
North Carolina State University, Raleigh, NC	Lethal ovitrap refinement for dengue vector control	A
University of Florida, Gainesville, FL	Development of low molecular weight insecticides	A
University of Wisconsin, Madison, WI	Development of novel insect growth regulators	A
U.S. Navy Medical Research Detachment, Peru	Dengue vector control using pyriproxifen autodissemination	M
910 Airlift Group, Youngstown Air Reserve Station, OH	Mosquito control using the unmanned aerial vehicle	M
FY 2006: 6 Awards		
ADAPCO, Sanford, FL	New ULV adulticide – etofenprox	D

Dorendorf Advanced Technologies, Winnebago, MN	Development of diesel backpack mist blower	D
Dorendorf Advanced Technologies, Winnebago, MN	Ultra-Low Volume (ULV) nozzle development	D
Montana State University, Bozeman, MT	Comparative risk analyses and risk assessments	A
University of Florida, Gainesville, FL	Novel compounds for filth fly control	A
Walter Reed Army Institute of Research, Silver Spring, MD	Metofluthrin spatial repellent evaluations	M
FY 2007: 3 Awards		
Centers for Disease Control & Prevention, National Center for Zoonotic, Vector-Borne & Enteric Diseases, Fort Collins, CO	Nootkatone natural product repellent/toxicant development	G
U.S. Army Medical Research Unit, Kenya	Construction of sand fly insectary and testing facility	M
Walter Reed Army Institute of Research, Silver Spring, MD	Sand fly control and colony development	M
FY 2008: 10 Awards		
Aptiv, Inc., Portland, OR	Adulticides and sugar baits targeting sand flies	A
Armed Forces Res Inst Medical Sciences, Bangkok, Thailand	*Aedes aegypti* control with pyriproxifen & novel strategies	M
Australian Army Malaria Institute, Enoggera, QLD	Australia Army field evaluations of repellent textiles	M
Clarke, Roselle, IL	Larvicide formulation and new synergist development	D
Dorendorf Advanced Technologies, Winnebago, MN	ULV backpack system – prototype U-BLAS-1 sprayer	D
Genesis Laboratories, Wellington, CO	Feed through insecticide rodent baits for sand fly control	D
Hebrew University, Jerusalem, Israel	Insecticide treated durable fabric barrier fence for sand flies	A
Louisiana State University, Baton Rouge, LA	Sand fly larval control; rodent feed through larvicide	A
University of Florida, Gainesville, FL	Filth fly control strategies – Florida Fly-Baiter development	A
University of Florida, Gainesville, FL	ULV spray characterization in temperate/desert conditions	A
FY 2009: 5 Awards		
Beeologics LLC, Miami, FL	Molecular pesticide (dsRNA) production	D
Central Life Sciences, Schaumburg, IL	Etofenprox ULV aerial spray data for EPA registration	D
Louisiana State University, Baton Rouge, LA	Extension of previous feed through insecticide grant	A

Springstar, Woodinville, WA	Lethal ovitrap testing and development	D
Westham Innovations, Israel	Attractive toxic sugar bait development for sand flies	D
FY 2010: 6 Awards		
Dorendorf Advanced Technologies, Cape Coral, FL	Temperature controlled nozzle for thermal & ULV sprayers	D
Genesis Laboratories, Wellington, CO	Rodent feed-through insecticides for sand fly control	D
Israel Ministry of Health, Jerusalem	Attractive toxic sugar bait formulation and field evaluations	G
Rutgers University, New Brunswick, NJ	Pyriproxyfen use for area-wide *Ae. albopictus* control	A
University of Florida, Emerging Pathogens Inst., Gainesville, FL	Target site identification and novel insecticide development	A
Westham Innovations, Tel-Aviv, Israel	Registration of attractive toxic sugar bait station for vector control	D
FY 2011: 9 Awards		
BASF, Raleigh, NC	Residual insecticide formulations for treating military fabrics	D
Beeologics LLC, Miami, FL	Formulation/environmental fate for molecular dsRNA	D
Clarke, Roselle, IL	Indoor residual spray formulation/resistance management	D
Dorendorf Advanced Technologies, Cape Coral, FL	Centrifugal radial flow compressor sprayer technology	D
International Pesticide Application Research Centre, Berks, UK	Electrostatic sprayer research and development	A
Louisiana State University, Baton Rouge, LA	Additional sand fly feed through insecticide trials in Africa	A
Montana State University, Bozeman, MT	Model development and optimization of ULV effectiveness	A
Walter Reed Army Institute of Research, Silver Spring, MD	Topical repellent efficacy evaluations on infected vectors	M
Westham Innovations, Israel	Additional sand fly sugar bait station devlpmnt/evals	D
FY 2012: 8 Awards		
Army Soldier RD&EC, Natick, MA	Non-toxic insect-resistant textiles for military clothing	M
Dorendorf Advanced Technologies, Cape Coral, FL	Advanced development of ULV backpack sprayers	D
Genesis Laboratories, Wellington, CO	Rodent baits for systemic control of sandfly vectors of leishmaniases	D

Iowa State University, Ames, IA	Pyrethroid insecticide enhancement with essential oils against mosquitoes	A
Israel Ministry of Health, Jerusalem	Optimizing toxic sugar baits vs sandflies	G
Massachusetts Institute of Technology, Cambridge, MA	Micro-dispensers for controlled release of low toxicity pesticides	A
Purdue University, West Lafayette, IN	Novel molecular targeting for controlling vector mosquitoes and sandflies	A
Rutgers University, New Brunswick, NJ	Pyriproxyfen autodissemination stations for dengue vector control	A
FY 2013: 3 Awards		
Natick Soldier Research Development & Engineering Center	Resolving permethrin loss from factory-treated military uniforms	M
Navy Entomology Center of Excellence, Jacksonville, FL	Novel electrostatic sprayer 5-10µ cold droplets	M
University of Florida, Gainesville, FL	Durable lethal ovitraps for dengue vector mosquitoes	A
FY 2015: 7 Awards		
Ifkara Health Institute, Bagamoyo, Tanzania	Randomised Control Trial of Permethrin Treated Uniforms and 30% DEET Skin Repellents to Reduce Malaria Incidence in Military Personnel on Active Duty in Regions of Hyperendemicity	G
US Centers for Disease Control and Prevention, Atlanta, GA	Simple Colorimetric Test to Measure Permethrin on Military Uniforms	G
QIMR Berghofer Medical Institute, Brisbane, Australia	Deployment of optimal-dose, volatile pyrethroids for the prevention of biting and disease transmission by insects	A
North Carolina State University, Raleigh, NC	Kill Pull Kill: A New Management Strategy for Filth Flies	A
Genesis Laboratories, Wellington, CO	Development of a fipronil-based rodent bait to prevent cutaneous leishmaniasis in U.S. troops	I
University of Florida, Gainesville, FL	A Spatial Repellent System for Long-Term Release	A
State University of New York, Syracuse, NY	Dry attractive bait stations (DABs) for Aedes aegypti control	A

FY 2016: 5 Awards		
ISCA Technologies, Riverside, CA	SPLAT BAC: A Safe, Effective and Long-Lasting Larvicide for Disease-Carrying Mosquitoes	I
University of Notre Dame, Office of Research, Notre Dame, IN	Novel Insecticides: Structure Activity Relationships of a Formamidine Octopamine Receptor Agonist with mosquitocidal activity	A
US Army Natick Soldier Systems Center Natick, MA	Insect Resistant Fibers for Textiles	M
US Army Natick Soldier Systems Center, Natick, MA	Non Pesticide Dependent Textile Based Fly Traps	M
NAMRU-6 , Iquitos, Peru	Field testing commercially available insecticide treated barriers for protection from mosquito-borne diseases in a military setting	M
*** Organization types and numbers of Awards (N=77): 31A – Academia; 23D – Industry; 18M – Military; 5G – other Government**		
Other Acronyms: dsRNA = double-stranded ribonucleic acid; DWFP = Deployed War-Fighter Protection Program; EPA = Environmental Protection Agency; FY = Fiscal Year; U-BLAS-1 = Ultimate-Backpack Liquid Atomization System-One; ULV = ultra-low volume		