

**Centers for Disease Control and Prevention (CDC)  
SBIR Phase I and Phase II Awardees  
FY2013 - FY2016**

**CDC Small Business Innovation Research Program Contract Awards**

Year	Vendor	Project Title
2013	NANOCOMPOSIX	An Inexpensive Diagnostic Device Designed to Aid the Mapping, Treatment, and Elimination of All Filariasis
2013	HDOX BIOINFORMATICS, INC.	Integration Toolkit for Eliminating Double Data Entry
2013	NATIONAL HEALTH PROMOTION ASSOCIATION, INC.	National Phone App for Linking Adolescents to Local Pregnancy Prevention Resources
2013	METAMEDIA TRAINING INTERNATIONAL, INC.	SmartAPPT-Teen Pregnancy Prevention
2013	MERIDIAN LIFE SCIENCES, INC.	Optimization of Rotavirus Vaccine Production
2013	A&Q NANODESIGNS	Smooth Dissolving Tablet Formulation for Measles Vaccine
2013	UNIVERSAL STABILIZATION TECHNOLOGIES, INC.	Tablets for Sublingual Delivery of Measles Vaccines
2013	AKTIV-DRY	Thermostable Sublingual Measles Vaccine Dry Wafers
2013	MESOSCALE DIAGNOSTICS	Portable MULTI-ARRAY Test for Recent HIV Infection
2013	BIOMATRICA, INC.	Stabilization of Analytes in Blood Cells and Plasma
2013	LUNA INNOVATIONS, INC.	Collection and Transport System for Increased Biospecimen Stability and Recovery
2014	HDOX BIOINFORMATICS, INC.	SBIR Phase II: Improving Data, Improving Care, Making it Count, Integration Toolkit for Eliminating Double Data Entry
2014	METAMEDIA TRAINING INTERNATIONAL, INC.	SBIR Phase II: A Mobile Phone Application for Advancing Teen Pregnancy Prevention Mobile Phone App for Linking Adolescents to Local Pregnancy Prevention Resources
2014	MERIDIAN LIFE SCIENCES, INC.	SBIR Phase II: Optimization of Rotavirus Vaccine Production
2014	GUILD ASSOCIATES	Development of Novel Malaria Parasite Metabolite-Based Noninvasive Diagnostic Biosensor
2014	BASE PAIR BIOTECHNOLOGIES, INC.	Rapid Point-of-Care Tests for Cytomegalovirus (CMV)
2014	ARCHIE MD INC.	iPad App for Improving Embryo Transfer Practices
2014	KC INDUSTRIES, LLC	Development of Pills or Tablets to Expedite Water Fluoridation
2014	AZAVEA, INC.	Promoting Regular Physical Activity for Older Adults through "Wayfinding" Technology
2014	QOOLABS, INC.	Development of a Biomarker Based assay for Hepatocellular Carcinoma -- Rapid test for HCV Core Antigen
2014	OCEAN NANO TECH, LLC	Magneto- Nanosensor for Detection of Serum Biomarkers Associated with Hepatocellular Cancer
2014	ENGINEERED CARE, INC.	Research and Identify a Confidential and Technologically Feasible Method to Communicate HIV/STD and Preventive EOB Information to Young Women Through a Mobile Application
2014	ISIS VENTURES, INC.	Development of a Mobile Application for Homeless Youth and Providers
2014	COMMONWEALTH INFORMATICS, INC.	Quality-Related eMeasures from EHR Data

2014	ANTAGEN PHARMACEUTICALS	Lab Research for the Development of Human Anti-diphtheria mAbs in CHO cells
2014	PLANET BIOTECHNOLOGY INCORPORATED	Lab Research for the Development of Anti-diphtheria Antibodies in Humans
2014	AGAVE BIOSYSTEMS, INC.	Identification of Patients with Clostridium Difficile Infection, Colonization and/or Reoccurrence
2014	MICROBPLEX, INC.	Antibody Secreting Cells (ASC) in Human Clostridium Difficile Infection, Colonization, and Reoccurrence
2014	OPERATIONAL TECHNOLOGIES CORP.	Aptamers to Detect Fungi in Formalin-Fixed Sections
2014	LUCIGEN CORPORATION	CLIA-waived Point of Care Tests for infection by Coccidioides, Blastomyces and Histoplasma
2014	IMMUNO-MYCOLOGICS	Fluorescent Lateral Flow Assay for Diagnosis of Coccidioidomycosis
2014	NANOSHELL COMPANY	Rapid Detection of Endemic Fungal Infections in the U.S.
2014	FIREBIRD BIOMOLECULAR SCIENCES	Innovative Nucleic Acids to Diagnose Endemic Fungal Infections
2015	VITAN-BIOTECH	SERS and Fluorescent Dual-Mode Dengue Diagnostic Strip Incorporate Novel Nanoparticles
2015	CELLAR DOOR LABS	NutriSnap: OCR Software for Scanning Nutrition Facts Panel
2015	CARRERA BIOSCIENCE	Virus-specific Diagnosis of Hepatitis Infection using Isothermal Amplification in Resource-poor Settings
2015	ANTAGEN PHARMACEUTICALS	SBIR Phase II: Development of Anti-Diphtheria Toxin Therapeutic Antibodies for Use in Humans
2015	KC INDUSTRIES LLC	SBIR Phase II: Fluoride Delivery System for Potable Water
2015	MICROBPLEX	SBIR Phase II: Antibody Secreting Cells (ASC) in Human <i>Clostridium difficile</i> Infection, Colonization and Recurrence
2015	QOOLABS, INC	SBIR Phase II: Rapid Test for HCV Core Antigen
2016	VITAN-BIOTECH LLC	Innovative Multiplexed Lateral Flow Strip Test for Integrated, Cost-effective Detection of NTDs
2016	NANOCOMPOXIX INC.	Ultrasensitive Assay to Detect Loiasis, Onchocerciasis and Lymphatic Filariasis
2016	GINER, INC.	High Sensitive Electrochemical Assay to Monitor Gut Microbiome
2016	LYNNTECH, INC.	Multiplex Detection of MDROs and Lower Intestinal Microbiome Disruption
2016	INTACT GENOMICS INC.	Single 100kb-200kb Molecule Sequencing to Rapid and Cost-effectively Assemble High-quality Arthropod Genomes de Novo.
2016	CELLAR DOOR LABS	Optical Character Recognition Software for Scanning Nutrition Facts Panel
2016	UNIVERSAL STABILIZATION TECHNOLOGY	Thermostable Respiratory
2016	MICRON BIOMEDICAL INC.	Development of an IRV Microneedle Patch
2016	QOOLABS, INC.	Immunoassay for Serological Detection and Quantification of Hepatitis B Core Antigen
2016	CARRERA BIOSCIENCE, INC.	Specific Detection of Hepatitis B Virus cccDNA from Patient Sera/Plasma
2016	CARRERA BIOSCIENCE, INC.	Virus-specific Diagnosis of Hepatitis Infection Using Isothermal Amplification in Resource Poor Settings

## CDC Small Business Innovation Program Grant Awards

Year	Vendor	Project Title
2013	REFLEXION HEALTH, INC.	Stand Tall - A Virtual Exercise Program for Older Adults
2013	INXSOL, LLC	NIEHS - Device Agnostic – Multi-player Group Simulation
2013	LYNNTECH, INC.	One-Step, POC Sample-to-Answer Process for RNA Analysis Outside the Laboratory
2013	VIRTICI, LLC	A Rapid, Blood RNA Assay for the Diagnosis of Acute Respiratory Infections
2013	ADAPTIVE TECHNOLOGIES, INC.	Refinement of an Insert Hearing Protector Evaluation System Based on the NIOSH Qu
2013	PHYSICAL OPTICS CORPORATION	Light-Alerting Personal Noise Dosimeter System
2014	INNOVATIVE DESIGN LABS, INC.	A Driver Exclusive Interlock Device to Eliminate Distraction from Mobile Devices
2014	PHYSICAL OPTICS CORPORATION	Magnetic Through-the-Earth Miner Transceiver for Emergency Communications
2014	ACCENTS ON HEALTH	Restaurant Training to Improve Menu Labeling Accuracy & Public Health Impact
2014	ACCENTS ON HEALTH	Increasing the Supply and Demand of Healthful Kids' Meals
2014	3-C INSTITUTE FOR SOCIAL DEVELOPMENT	Interactive Online Capacity Building for Positive Youth Development
2014	BETTERGY CORP.	Alternate Power Sources for Assistive Devices in Emergencies
2014	REFLEXION HEALTH, INC.	SBIR Phase II: Stand Tall- A Virtual Exercise Rehabilitation Assistant (VERA)
2014	POSITIVEMOTION, LLC	SBIR Phase II: Development of a Stand-Based School Desk to Reduce Childhood Obesity
2014	3-C INSTITUTE FOR SOCIAL DEVELOPMENT	SBIR Phase II: Mobile Technology & Online Tools to Track Adherence in Chronic Illness Patients
2014	SIMMERSON, LLC	SBIR Phase II: Virtual Role-plays to Reduce the Occurrence of Childhood Obesity
2015	BIOMATRICA, INC.	Development and Application of a Liquid Reagent Drying System for CDC HIV-1 Pan Group M Genotyping Assay Reagents
2015	RIGHT ANSWER.COM, INC.	Improving Drug Safety for Pregnant Women by Delivering Current & Authoritative Information via Mobile Devices
2015	ACCENTS ON HEALTH, INC.	Evaluating the effectiveness of a Personalized Texting system for Restaurant Meals.
2015	INNOVATIONS IN SAFETY, LLC	A Smoke Alarm that Effectively Awakens Children from Sleep and Prompts Escape
2015	MINNESOTA HEALTHSOLUTIONS CORPORATION	An Informatics Approach to Preventing Distracted Driving
2015	ASHWIN-USHAS CORPORATION, INC.	Electrochromatic + Anti-Fog Personal-Protective Eyewear (PPE) Based on Unique, Very Low Power Conductive Coatings and Leveraging Unique Military-Qualified Electrochromic Eyewear Technology
2015	REFLEXION HEALTH, INC.	SBIR Phase II: Stand Tall - A Virtual Exercise Rehabilitation Assistant (VERA)
2015	KLEIN BUENDEL, INC.	SBIR Phase II: Location-Based Smartphone Technology to Guide College Students' Healthy Choice

2016	SYSTEMS TECHNOLOGY, INC.	A Cloud-based Solutions to Commercial Driver Hazard Perception Training and Screening
2016	TDA RESEARCH, INC.	Advanced Cooling System for Mine Rescue Rebreathers
2016	TRIBO FLOW SEPARATIONS, LLC	Computerized System for Predicting Noise Emission from Mining Machines
2016	RED TAIL HAWK CORPORATION	Development Of A Novel Wireless In-Ear Noise Exposure Monitor For The Prevention Of Occupational Hearing Loss
2016	SEACOAST SCIENCE, INC.	Flexible, Graphene-based Detector Arrays for Petrochemical Exposure Monitoring
2016	CHICAGO BIOSOLUTIONS, INC.	Fuopyrroles as Novel Anti-Ebola Agents
2016	TDA RESEARCH, INC.	Improved Respirator Carbons for Ammonia Hazards
2016	ACCESS SENSOR TECHNOLOGIES, LLC	Low Cost Personal Sampling Pump
2016	MULTIMERIC BIOTHERAPEUTICS, INC.	MagaVax Vaccine for Ebola
2016	APPLIED BIOTECHNOLOGY INSTITUTE	Production of Immunogenic Ebola GP Protein in Maize
2016	SIMTUNES, INC.	Simulation Education for Ebola Healthcare Team Competency
2016	ASTER LABS, INC.	Automated Dental Care Device for Persons with Oral Hygiene Disabilities
2016	SOCIOMETRICS CORPORATION	Phase II: Teen Bullying Prevention across Place and Digital Space: The TOTAL Approach
2016	REAL PREVENTION, LLC	Phase II: Marketability of a Technology-based Intervention to Increase HPV Vaccination
2016	AEROSOL DYNAMICS, INC.	Phase II: Size-Resolved Measurement of Ultrafine and Nanometer Particle Concentrations
2016	KLEIN BUENDEL, INC.	Phase II: Location-based Smartphone Technology to Guide College Students' Healthy Choices
2016	Q-TRACK CORPORATION	Phase II: Correctional Officer Distress Alarm