

Division of Extramural Research and Training

80 - SBIR/STTR

Record Count: 64

Title (Principal Investigator)	Institution	City, ST	Award Code	Pub Count
In Vitro Assay to Assess Chemical Toxicity in Retinal Primary Cell Cultures (Fawzi, Ahmad)	Acucela,, Inc.	Bothell, WA	R43ES015667	Ø
An in Vitro Robotic Assay for Anti-Estrogenic Activity (Yang, Cathy)	Certichem,, Inc.	Austin, TX	R44ES014806	Ø
Microchip-Based Perchlorate Analyzer for Water Remediation Monitoring and Field A (Willard, Dale)	Advanced Microlabs, Llc	Fort Collins, CO	R43ES017200	Ø
New Serodiagnostics for Isocyanate Exposure, A Major Cause of Occupational Asthma (Wisnewski, Adam)	L2 Diagnostics, Llc	New Haven, CT	R41ES016728	Ø
Point Source Ozonation to Minimize Antibiotic Resistance (Thompson, Clay)	Blueingreen, Llc	Fayetteville, AR	R42ES014137	Ø
A Rapid Label-Free Sensor for Immune Markers of Environmental Exposure (Striemer, Christopher)	Pathologies, Llc	West Henrietta, NY	R43ES016406	Ø
A Person Portable Fast Responding Exhaled Breath Analyzer (Srivastava, Santosh)	Contemporary Devices Company	La Crescenta, CA	R43ES016414	Ø
A Novel Permeable Barrier for Groundwater Bioremediation (Shirazi, Fatemeh)	Microvi Biotech, Llc	Overland Park, KS	R44ES011880	Ø
Real Time Monitoring of Environmental Exposure to Pesticides (Subramanian, Kumar)	Phoenix Biosystems,, Inc.	Pleasanton, CA	R43ES016410	Ø
A Microfluidic Biochip for Rapid Screening of Pesticide Residues (Su, Xiao-Li)	Biodetection Instruments, Llc	Fayetteville, AR	R43ES016704	Ø

Monolithic Reagentless Biosensor for Online Monitoring of Waterborne Pathogens (Su, Xiao-Li)	Biodetection Instruments, Llc	Fayetteville, AR	R43ES016699	Ø
Species Level Identification of Pathogenic Viruses On A Microfluidic Platform (Strong, Louis)	Radiation Monitoring Devices,, Inc.	Watertown, MA	R44ES012515	Ø
Rapid Pesticide Exposure Analysis Using Surface-Enhanced Raman Spectroscopy (Spencer, Kevin)	Eic Laboratories,, Inc.	Norwood, MA	R43ES016409	Ø
A New Nano Based Real-Time Mycotoxin Detector (Smilanich, Nicholas)	Sensor Development Corporation	Parma, OH	R43ES013664	Ø
Validation of A Human Cd34+ Stem Cell Toxicity Bioassay (Recio, Leslie)	Integrated Laboratory Systems,, Inc.	Durham, NC	R43ES016700	Ø
Portable Pesticide Monitor (Ragucci, Tony)	Lynntech,, Inc.	College Station, TX	R43ES016397	Ø
Formaldehyde Molecular Recognition Microsensor (Polyakov, Oleg)	Synkera Technologies,, Inc.	Longmont, CO	R43ES016685	Ø
Low-Cost Electronic Nose for Groundwater Contaminants (Patel, Sanjay)	Seacoast Science,, Inc.	Carlsbad, CA	R43ES016941	Ø
Predictive Genes Sets for Chemically-Induced Liver Cancer (Naughton, Brian)	Regenemed,, Inc.	San Diego, CA	R44ES012618	Ø
Elucidation of Functional Networks From Toxicogenomics Gene Expression Data (Nikolskaya, Tatiana)	Genego,, Inc.	Saint Joseph, MI	R44ES013800	Ø
Development of A Selective Biosensor for Detecting Organophosphate Pesticide Expo (Nagy, Jon)	Ateris Technologies, Llc	Bozeman, MT	R43ES016392	Ø
A New High Performance Detector for Small Animal Spect (Nagarkar, Vivek)	Radiation Monitoring Devices,, Inc.	Watertown, MA	R44ES012361	Ø

Novel Zeolite Photocatalyst for Reductive Dechlorination of Chlorinated Vocs (Mackay, Susan)	Zeomatrix, Llc	Orono, ME	R43ES016499	Ø
Powers of Inquiry: Using Image Analysis to Explore Environmental Health Science (Moore, Steven)	Science-Approach	Tucson, AZ	R44ES012551	Ø
Automatic Multi-Analyte In-Situ Bioassay for Monitoring Exposure to Toxic Metals (Mo, Jianwei)	Kumetrix,, Inc.	Union City, CA	R43ES016458	Ø
Managing Environmental Risks in Pregnancy (Mcelaney, Lisa)	Vida Health Communications,, Inc.	Cambridge, MA	R44ES014495	Ø
Online E-Learning Courses for Hazardous Material Workers (Marmarelli, Deborah)	Dcm Associates	Mount Pleasant, MI	R44ES013091	Ø
Catalytic DNA Biosensor for Toxic Metal Ions (Lu, Yi)	Dzymetech,, Inc.	Champaign, IL	R42ES014125	Ø
Phase 2 Sbir: Zebrafish Cytochrome P450 Assays for Assessing Drug Metabolism and (Li, Chunqi)	Phylonix Pharmaceuticals,, Inc.	Cambridge, MA	R44ES017366	Ø
Wearable Photoelectrocatalytic Personal Environmental Exposure Monitor (Leboeuf, Steven)	Valencell,, Inc.	Raleigh, NC	R43ES016400	Ø
Biocatalytic Air Monitor for Detection of Nerve Agents (Lee, Sang)	Nanodynamics Life Sciences,, Inc.	Buffalo, NY	R44ES012763	Ø
Engineering Enhanced Plants for Arsenic Remediation (Lee, David)	Edenspace Systems Corporation	Chantilly, VA	R41ES016961	Ø
Development of Enhanced Plants for Remediation of Cadmium and Lead (Lee, David)	Edenspace Systems Corporation	Chantilly, VA	R43ES016482	Ø
Nanostructured Electrochemical Ozone Monitors (Kostecky, Clayton)	Synkera Technologies,, Inc.	Longmont, CO	R43ES017192	Ø

In Vitro Assay to Determine Skin Corrosivity Packing Groups (Kaluzhny, Yulia)	Mattek Corporation	Ashland, MA	R43ES017178	Ø
Viyant Hazmat Skilled Support Personnel Just in Place Performance Support (Kirkley, Sonny)	Information in Place,, Inc.	Bloomington, IN	R43ES016673	Ø
Label-Free Immunoassay-Based Sensor Array for Assessment of Exposure to Pahs (Kim, Jinseong)	Lynntech,, Inc.	College Station, TX	R43ES016405	Ø
Hazcommand: Hazmat, Incident Command Training (Kaye, Jonathan)	Amethyst Research, Llc	Philadelphia, PA	R44ES013908	Ø
Advanced Toxic Metal Contaminant Remediation System (James, Patrick)	Tesla Laboratories,, Inc.	Arlington, VA	R44ES013622	Ø
Ceriodaphnia DNA Microarrays (Hughes, Owen)	Eon Corporation	Davis, CA	R44ES011433	Ø
Hazmat Iq Four Step System Elearning (Held, Christopher)	Metamedia Training International,, Inc.	Germantown, MD	R44ES016670	Ø
A Miniature Monitor for Time-Resolved Airborne Particle Chemistry (Hering, Susanne)	Aerosol Dynamics,, Inc.	Berkeley, CA	R44ES014997	Ø
Lessons Learned From Graniteville - Phase II (Held, Thomas)	Metamedia Training International,, Inc.	Germantown, MD	R44ES014762	Ø
Sensitive to Low Ppm and Reversible Sensor for Co (Goswami, Kisholoy)	Innosense, Llc	Torrance, CA	R44ES012553	Ø
A Novel Nanocomposite Photocatalyst for Water Treatment (Gonzalez-Martin, Anuncia)	Lynntech,, Inc.	College Station, TX	R44ES012517	Ø
System for Comprehensive Tracking and Analysis of C. Elegans Behaviors (Glaser, Jacob)	Microbrightfield,, Inc.	Williston, VT	R43ES017180	Ø

Analyzer for Monitoring Personal Environmental Exposure to Fluids and Materials (Gibson, Walter)	X-Ray Optical Systems,, Inc.	East Greenbush, NY	R43ES016689	Ø
The Removal of Disinfection Byoproducts From Water (1000-641) (Giaya, Arjan)	Triton Systems,, Inc.	Chelmsford, MA	R44ES012784	Ø
Phototoxicity Screening Assay in Reconstituted Skin (Degeorge, George)	Mb Research Laboratories,, Inc.	Spinnerstown, PA	R44ES011927	Ø
Field-Deployable Monitor to Assess Personal Exposure to Multiple Heavy Metals (Dweik, Badawi)	Giner,, Inc.	Newton, MA	R43ES016412	Ø
Integrated Biochip for In-Vitro Toxicology (Dordick, Jonathan)	Solidus Biosciences,, Inc.	Troy, NY	R42ES012619	7
Versatile Mutation Assay Based On the Pig-A Locus (Dertinger, Stephen)	Litron Laboratories, Ltd.	Rochester, NY	R44ES015940	Ø
Novel Accelerated in Vitro Breeding for Phytoremediation (Czako, Mihaly)	Southern Sun Biosystems,, Inc.	Hodges, SC	R42ES013417	Ø
Separation of Sr-90 and Ca ²⁺ in Enviromental Samples (Cisar, Alan)	Lynntech,, Inc.	College Station, TX	R44ES013051	Ø
Microwave Remediation of Hazardous Medical Wastes (Chandrasekhar, Prasanna)	Ashwin-Ushas Corporation,, Inc.	Freehold, NJ	R44ES013803	Ø
Portable Arsenic Monitor for Drinking Water (Carter, Michael)	Eltron Research,, Inc.	Boulder, CO	R44ES011913	Ø
Developing and Using Sheepshead Minnow Microarrays for Ecotoxicology (Carter, Barbara)	Ecoarray,, Inc.	Alachua, FL	R44ES013637	Ø
Biomarkers of Response to Environmental Stressors: Measurement of Environmental E (Birnbaum, Eva)	Caldera Pharmaceuticals,, Inc.	Los Alamos, NM	R43ES016395	Ø

Personal Ozone Monitor (Birks, John)	2b Technologies,, Inc.	Boulder, CO	R43ES016925	Ø
Mobile Just-In-Time Training of Emergency Response Personnel - Phase II (Bandera, Cesar)	Bandemar Networks, Llc	East Brunswick, NJ	R44ES014793	Ø
Detection of Environmental Agents Using A Novel Aerosol Sampler Coupled to A Micr (Ariessohn, Peter)	Enertechnix,, Inc.	Maple Valley, WA	R43ES016390	Ø
Multiplexed Personal Monitoring of Airborne Toxins (Acharya, Bharat)	Platypus Technologies, Llc	Madison, WI	R43ES014977	Ø
Liquid Crystal-Based Sensor for Real-Time Detection of O3, CO and Co2 (Acharya, Bharat)	Platypus Technologies, Llc	Madison, WI	R43ES016389	Ø
Validation of Organotypic Vaginal Tissue Based Assay for Endocrine Disruptors (Ayehunie, Seyoum)	Mattek Corporation	Ashland, MA	R43ES015641	Ø